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United States Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

Attention: Steve Armann, TSCA PCB Program Coordinator, EPA Region 9

Subject: Self-Implementing Cleanup and Disposal Plan
United Technologies Corporation Canoga Avenue Facility
6633 Canoga Avenue
Canoga Park, California

On behalf of United Technologies Corporation (UTC), Haley & Aldrich, Inc. (Haley & Aldrich) is pleased to submit this Self-Implementing Cleanup and Disposal Plan (SIP) for the Canoga Avenue Facility located at 6633 Canoga Avenue, Canoga Park, California (Site). This document has been prepared pursuant to 40 CFR §761.61 of the regulations under the Toxic Substances Control Act (TSCA) and is being submitted in accordance with the requirements at 40 CFR §761.61(a)(3) and §761.61(c) for notification and management of polychlorinated biphenyl remediation waste.

The scope of work described herein pertains to clean-up and off-site disposal of TSCA regulated concrete from the former manufacturing facility floor slab which will be removed during building demolition. Other non-TSCA activities such as soil remediation are described herein as they are also being conducted in conjunction with demolition in preparation for property divestment.

Please do not hesitate to contact us should you have any questions or require additional information.
Sincerely yours,

HALEY & ALDRICH, INC.

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Enclosure

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# 1. Introduction

The project Site consists of an approximately 47-acre parcel of land located at 6633 Canoga Avenue, in Canoga Park, California (Figure 1) and is owned by United Technologies Corporation (UTC). The former manufacturing facility which occupies the property, indicated on Figure 2, is no longer active and UTC is undertaking site cleanup activities in preparation for future divestment and subsequent redevelopment for residential and commercial uses. This Self-implementing Plan (SIP) presents the characterization data for polychlorinated biphenyls (PCBs) in the concrete floor slab for the Site (Figure 3) and proposes using the self-implementing option under 40 CFR §761.61(a) to manage the concrete removed during building demolition based on as found PCB concentrations.

The limits of the concrete floor slab with Toxic Substances Control Act (TSCA) regulated materials (PCBs) are shown on Figure 4. Concentrations of total PCBs in concrete are primarily less than 50 milligrams per kilogram (mg/kg) and can be transported to licensed, in-state facilities within California upon approval of this SIP. The limited areas where total PCBs were detected at concentrations equal to or greater than 50 mg/kg are in the concrete slab of the former manufacturing building (Building 001) and Building 066, a shed used as a former paint shop and storage area, and will be transported to a TSCA-regulated facility.

Soil remediation is being conducted under Los Angeles Regional Water Quality Control Board (LARWQCB) oversight in accordance with *Final Soil Management Plan for Assessment, Remediation and Confirmation Sampling of Vadose Zone Soils* (SMP) submitted on 19 November 2015. Detected concentrations of total PCBs in soil range from 0.23 mg/kg to 1.0 mg/kg. Groundwater remediation is underway in accordance with the groundwater remedial action plan (RAP) approved by the LARWQCB. Neither soil nor groundwater remediation are part of this SIP.

Other activities in preparation for building demolition such as hazardous materials abatement are underway and nearly complete at the Site. Building demolition is planned to begin in Summer 2016 during which time the concrete slab removal will occur. Removal is required to achieve Site Remediation Goals (SRGs identified in the SMP, Haley & Aldrich, 2015) and to access underlying impacted soils for non-TSCA related soil excavation and removal. Following demolition and soil remediation, the Site will be graded for surface drainage in accordance with the Grading Plan approved by the City of Los Angeles Department of Building and Safety (LADBS).

# 2. Background

This section provides a summary of the site location, hydrogeology, history, and PCB usage identified with respect to equipment and documented usage.

## 2.1 SITE LOCATION

The Site is located in a primarily commercial, office and retail area of Canoga Park, California. It is bounded by Canoga Avenue on the east, Owensmouth Avenue on the west, Vanowen Street on the north, and Victory Boulevard on the south.

Physiographically, the Site lies on an alluvial plain surface that gently slopes to the northeast at approximately 0.007 foot per foot towards the Los Angeles River, located approximately 500 feet north of the Site. The Site's elevation ranges from approximately 801 feet above mean sea level (AMSL) in the southwest corner to 789 feet AMSL in the northeast corner (Figure 1).

## 2.2 HYDROGEOLOGY

The Site is located within the Transverse Ranges physiographic province of California in the southeastern portion of the Ventura Basin (Jennings and Troxel, 1954). Sediments within the basin consist of Recent Alluvium deposited within the drainage system of the Upper Los Angeles River. Based on soil cores collected during Site investigations, the thickness of the alluvium beneath the Site is estimated to vary from approximately 71 feet on its southwest portion to at least 105 feet in the northeast corner.

Vadose zone and water-bearing sediments beneath the Site consist of interbedded sands, silts, and clays of the Recent Alluvial deposits. The vadose zone typically extends to approximately 15 to 18 feet below ground surface (bgs) and consists of low permeability silty clays, sandy clays, sandy silts, clayey silts, and silty fine sands.

Based on interpretation of soil cores and cone penetration test logs, four groundwater units have been defined within the saturated zone of the alluvial sediments beneath the Site. These four groundwater units have been named from shallowest to deepest as follows: First Groundwater Zone, Upper Sand Zone, Intermediate Sand Zone and Deep Sand Zone and are typically present as braided-stream channel deposits that are not laterally continuous.

## 2.3 FACILITY HISTORY

The Site occupies approximately 47 acres and contains a former aerospace manufacturing facility that had operated from the mid-1950s until March 2014 (Figure 2). The Site was previously owned by The United States Air Force, Rockwell International, the Boeing Company (Boeing), and by UTC since 2005. The Site currently includes the main manufacturing and office building (001) and numerous smaller peripheral buildings. Building 001 is the largest building covering an approximately 500,000-square foot (sf) area. Other support buildings were primarily used for maintenance, storage, or warehousing. Since its development in the mid-1950s, the Site has been used to manufacture rocket engines and related systems. Site activities have included metal machining, cleaning/degreasing, plating, and engine assembly. Historical Site investigation activities began in 1984 and included sampling and testing

site-wide, including soil sampling in and around Building 001, soil gas surveys both on- and off-Site, and groundwater characterization activities both on- and off-Site.

In preparation for building demolition a Hazardous Building Materials Survey and Concrete Slab Characterization Program was conducted. The testing of concrete revealed the presence of generally non-TSCA concentrations of PCBs in concrete as further described in this SIP.

## 2.4 CURRENT FACILITY STATUS AND REGULATORY BACKGROUND

The Site is currently vacant and is being prepared for soil remediation under oversight of the LARWQCB. The SMP was submitted to the LARWQCB on 19 November 2015 which establishes Site-specific SRGs developed for the Site for unrestricted reuse. The SRG for total PCBs is 0.12 mg/kg which is significantly more conservative than the United States Environmental Protection Agency (EPA) self-implementing or performance-based (high-occupancy) cleanup criterion under TSCA (1 mg/kg). The total PCBs SRG is based on potential risk of exposure under a future residential use scenario, and is independent from the management considerations for PCB-impacted media under TSCA. Any soil or concrete identified with total PCB concentrations exceeding the risk-based SRG of 0.12 mg/kg will be removed and appropriately disposed off-Site at a properly permitted landfill.

## 2.5 PCB USAGE

The majority of process equipment and machinery have been removed from the Site. No leaks or spills of PCB-containing materials are known to have occurred at the Site. Potential historical sources of PCBs are likely a tooling wax, trade-named Rigidax, and possibly hydraulic oils and cutting oils around machine pads, and PCB-containing transformer oil. Rigidax was a tooling wax used in the Manufacturing and Processing (M&P) Laboratory and in the manufacturing area at the Site inside of Building 001. On 8 February 1983, Rockwell International, the Site owner at the time, discovered that Rigidax contained PCBs. Reportedly the use of the Rigidax tooling wax ceased and the areas where the wax was used were decontaminated (Rockwell International, 1983). An internal letter, dated 10 March 1983 states that testing of 21 samples of Rigidax yielded non-detectable up to 25 mg/kg of PCBs. Based on a review of available historical documents, no other sources of PCBs have been identified. Environmental Targets (ETs) were identified during the Phase I Environmental Site Assessments (ESAs) performed by Haley & Aldrich in 2002 and 2005 and additional ETs were added during site reconnaissance and review of historical utility plans from 2006 through 2014. Of these ETs, 20 were identified to have potential historical oil or PCB use. These ETs are summarized in Table I and shown on Figure 3.

For the purpose of this SIP, since there are no known or documented releases, it is assumed based on documentation and the occurrence of PCBs that most PCB impacts occurred as a result of using the Rigidax tooling wax at machine pads and/or oils or coolants used with machine tools during normal Site operations.

## 2.6 PCB IMPACTS IN SOIL

The following information is provided as background for this SIP. Based on comprehensive Site investigations completed between 1984 and 2015 (Haley & Aldrich, 2015), and as outlined in the SMP, soil at the Site in one Soil Impact (SI) area is considered PCB remediation waste because the highest detected total PCB concentration in soil is 1.0 mg/kg. Soil with total PCB concentrations equal to or greater than 1 mg/kg will be excavated and disposed of off-Site pursuant to the performance-based

approach described under 40 CFR §761.61(b). This SI is located at the former tetrachloroethene (PCE) Vapor Degreaser in Building 001 (ET 5, SI-005) with a maximum concentration of 1.0 mg/kg at 10 feet bgs. This SI area contains PCB remediation waste and, as stated above, will be disposed of off-Site pursuant to the performance-based approach described under 40 CFR §761.61(b). This feature extends below ground and total PCB concentrations attenuate to 0.29 mg/kg at 14 feet bgs and was less than the reporting limit near the surface at 2 feet bgs. Additional soil borings were advanced near the ET and soil samples were collected and results were below the laboratory reporting limit for PCBs. This data is presented in the SMP on Figure 4C.

The remaining known impacted areas are not equal to or greater than the TSCA high-occupancy cleanup criterion of 1 mg/kg, but two locations have total PCB concentrations in soil exceeding the SRG of 0.12 mg/kg including:

- Soil near vault identified as B-13 Oil Sump southwest of Building 043 (ET 80, SI-001) with a maximum total PCB concentration of 0.23 mg/kg at 10 feet bgs. This feature extends below ground to approximately 8 feet bgs; and
- Soil in area of green Stained Concrete in Building 001 (ET 106, SI-006) with a maximum total PCB concentration of 0.26 mg/kg at 1 foot bgs.

The SI locations described above with total PCBs above the SRG in soil are shown on Figure 3.

A comparison of PCB concentrations in soil and concrete at each of these locations is provided in Section 3.5 of this SIP.

## 2.7 GROUNDWATER IMPACTS

Groundwater at the Site is impacted with volatile organic compounds (VOCs) and is undergoing enhanced in-situ bioremediation (EISB) activities under oversight of the LARWQCB. Impacts are predominantly from within the Intermediate and Deep Sand groundwater zones. Based on investigation results, groundwater is primarily impacted with chlorinated VOCs, including: trichloroethene, PCE, cis-1,2-dichloroethene, 1,1-dichloroethene, and carbon tetrachloride. The First Groundwater and Upper Sand Zone was previously remedied via a pump and treat system from 1991 to 1998. Approximately 547,000,000 gallons of water were extracted and treated using activated carbon and discharged under a National Pollutant Discharge Elimination System permit. In 1998, the LARWQCB approved shut down of the hydraulic barrier pump and treat system indicating that active groundwater remediation was no longer necessary for the First Zone and the Upper Sand Zone based on the reduction in overall concentrations and the documented trends showing stable to decreasing concentrations of chemicals of potential concern (COPCs) in these two zones in their letters dated 2 April 1998 and 29 March 2005 (LARWQCB, 1998 and 2005).

Based on the depth and concentrations of total PCBs detected in soil, it is unlikely that the groundwater at the Site is impacted by PCBs. The maximum concentration of total PCBs detected was 1.0 mg/kg at 10 feet bgs beneath former decreasing operations. It is unlikely that PCBs migrated from the surface, but instead from the bottom of the suspected feature. Concentrations of total PCBs decrease with depth at 14 feet bgs; supporting limited vertical migration.

# 3. Concrete Floor Slab Characterization

Haley & Aldrich conducted concrete slab sampling and testing to characterize the potential presence of chemicals, including PCBs, from previous facility operations as well as to assess the applicability and feasibility of on-Site re-use and/or off-Site disposition of the concrete during slab removal. Concrete sampling was conducted at the main manufacturing building (Building 001), 14 smaller surrounding structures, and concrete slabs and pads at exterior locations around the buildings.

## 3.1 INITIAL CONCRETE CORE SAMPLING

### 3.1.1 Concrete Core Sampling Program

Initially, two hundred concrete core samples were collected at targeted (biased) and grid (non-biased) locations in 2014 to aid in evaluation of concrete disposal options and applicability and feasibility of on-Site reuse, based on whether or not SRGs were exceeded in concrete samples. Biased concrete core samples were collected in areas where visual observations (concrete staining), or historical activities suggested a potential environmental impact or use; grid sampling was conducted where no indication of Site-related activities with the potential to impact concrete chemical quality was evident from visual or historical information. The minimum grid spacing within Building 001 corresponded to the building column spacing of 30 feet by 60 feet for ease of future segregation. A minimum of one representative concrete sample was obtained from each of the surrounding buildings, typically in potentially stained areas, and the office portion of Building 001.

Sampling was conducted with a concrete coring machine to core through the entire thickness of the concrete slab, typically 5 to 6 inches thick. The concrete core samples were then pulverized by the analytical laboratory and analyzed for a variety of chemical constituents including PCBs using EPA Analytical Method 8082B by Eurofins Calscience, Inc., a California Environmental Laboratory Accreditation Program-certified (ELAP) analytical laboratory located in Garden Grove, California. Sample designations were based on the building support column numbers within the existing building for future definition of locations during demolition (for example, a concrete sample collected between columns B and C and columns 13 and 14 would be called B13C14).

### 3.1.2 Concrete Core Sampling Results

Total PCBs were detected in 125 of the 200 concrete core samples with a maximum concentration of 24.3 mg/kg. Sixteen of the 125 samples were reported at concentrations equal to or greater than 1 mg/kg. The four highest concentrations of total PCBs in concrete core samples were detected at 24.3 mg/kg, 7.7 mg/kg, 4.3 mg/kg and 2.73 mg/kg. The analytical results broken down by Aroclor are summarized in Table II and the samples locations are shown on Figure 3. Laboratory reports are included as Appendix A. Additional breakdown of results of the initial total PCB testing program for concrete are summarized in Section 4.4.1 below.

Based on sampling protocol employed and detected concentrations, the reuse suitability evaluation was not completed using this initial data. Surface concrete samples were later collected following TSCA sampling and analysis guidelines, as described below in Section 3.2.

## 3.2 CONCRETE SURFACE SAMPLING

### 3.2.1 Concrete Surface Sampling Program

Based on the results of the initial sampling that indicated composite core concentrations of total PCBs exceed the SRG, a work plan was developed to address additional concrete floor slab sampling and analysis. The additional surface sampling was conducted to provide data for evaluation of the applicability of TSCA rules and potential impacts to management and disposal of the concrete during slab removal activities. The surface sampling program undertaken in December 2015, January 2016, and May 2016 was developed based on historical uses/activities in the buildings and results of knowledge of historical operations and activities, and previous analytical data for the concrete core and soil samples collected at the Site. The work plan was based on EPA Region 1 Standard Operating Procedure for Sampling Porous Surfaces for PCBs Revision 4 dated 5 May 2011 (EPA Region 1 SOP; EPA, 2011) including sample preparation by Soxhlet Extraction by EPA 3540C, however the 3-meter grid sampling interval (approximately 10-foot spacing) was not implemented as described in the Code of Regulations 40 CFR §761.265 (Subpart N). Considering the size of the facility and the previous test results, it was considered appropriate to limit the initial testing until it was determined if the detected total PCB concentrations provided sufficient evidence to determine whether or not portions of the concrete need to be considered PCB remediation waste as defined by TSCA.

A total of 95 concrete surface samples (upper 0 to 0.5 inches of concrete) were collected at locations within the former manufacturing portion of Building 001, smaller surrounding structures, and concrete slabs and pads at exterior locations around the buildings based on the following criteria:

- Highest concentrations of total PCBs in concrete core samples (24.3 mg/kg and 7.7 mg/kg) including previous concrete core sampling locations with concentrations of total PCBs equal to or greater than 1 mg/kg;
- Previous locations where total PCBs were reported in soil at concentrations greater than the SRG;
- Representative previous locations where reported concentrations of total PCBs were less than 1 mg/kg;
- Locations where previous concrete cores were thicker than typical (i.e., greater than 5 to 6 inches); and
- Areas not previously investigated, including locations where previous historical records (the 2005 Phase I ESA Report) indicate potential use of PCB containing materials or where staining was observed as described in Table I.

Concrete samples were collected using a roto-hammer to generate a finely ground powder from the upper 0.5 inch of the concrete surface. Concrete powder was placed in 4-ounce glass jars, appropriately labeled, and stored on ice in a cooler. Field sampling equipment was decontaminated prior to collection of each sample, and again after the samples were collected. The decontamination procedure included triple washing the equipment with a trisodium phosphate-based detergent and tap water, followed by successive rinses with tap water and a final rinse in deionized water.

To increase the confidence levels in the data obtained, field quality assurance/quality control (QA/QC) samples were collected. Field equipment blanks were collected using laboratory provided water to

access the effectiveness of decontamination procedures. Field duplicates were collected to evaluate field variability and laboratory performance. One field equipment blank and one field duplicate were collected for every 20 concrete samples in accordance with EPA protocols

The samples were listed on a chain-of-custody for transportation to the analytical laboratory, following standard chain-of-custody procedures. Samples were picked up on a daily basis by the laboratory courier service. Chain of custody records were maintained from sample collection through receipt by the laboratory.

Concrete surface samples were prepared using Soxhlet Extraction by EPA 3540C, as required by EPA Region 1 SOP, and analyzed for PCBs by EPA Method 8082 by Eurofins Calscience, Inc.

### 3.2.2 Concrete Surface Sampling Results

Total PCBs were detected in 72 of the 95 concrete surface samples (upper 0 to 0.5 inches of the concrete surface) and concentrations ranged from a maximum concentration of 107 mg/kg to 0.086 mg/kg. Three of the 95 samples had total PCB concentrations equal to or greater than 50 mg/kg and 49 of the 95 samples were reported at concentrations greater than 1 mg/kg, but less than 50 mg/kg. The analytical results broken down by Aroclor are summarized in Table III and the surface concrete sample locations are shown on Figure 3. Laboratory reports are included as Appendix B. Additional breakdown of results of the surface PCB testing program for concrete are summarized in Section 4.4.2 below.

### 3.2.3 Comparison of Concrete Core and Surface Sampling Results

A comparison of the concrete core with the concrete surface sample PCB analytical results was conducted to evaluate whether PCB concentrations may possibly be equal to or greater than 50 mg/kg in other locations requiring additional sampling. A comparison of the PCB analytical results for concrete core samples with adjacent concrete surface samples is presented in Table IV. In general, surface sample results were greater than or very close to the core sample results. Additional sampling with depth below the surface concrete was undertaken at two locations (J24K25 and F23G24) where concentrations in the core samples though relatively low (2.73 and 7.7 mg/kg respectively) exceeded the surface samples (1.9 and 1.38 mg/kg) and at locations where staining was observed, as described below. Based on the comparison it was determined that no additional sampling was warranted at other locations to characterize PCB concentrations in the concrete.

## 3.3 CONCRETE DEPTH INTERVAL SAMPLING AND RESULTS

### 3.3.1 Concrete Sampling at Depth Program

Additional samples were collected at deeper intervals within the concrete slab to confirm the depths of penetration of PCB impacts are limited. At the four concrete core locations with the highest total PCB concentrations (E26F27, F23G24, J24K25, and J24K25A), additional concrete samples were collected at depths approximately 1.5 to 2 inches, and 3 to 3.5 inches. These samples were collected utilizing a concrete coring machine to core 2-inch diameter cores through the concrete floor, and then sliced to collect the specific depth interval. The concrete slices were then pulverized at the lab for analysis. At location J24K25A additional concrete samples were collected at depths of approximately surface to 0.25 inches, and 0.25 to 0.7 inches. At locations J24K25A-N2, J24K25A-W2, J24K25A-E2 concrete

samples were collected at depths of approximately 0.25 to 0.75 inches. These samples were collected utilizing the roto-hammer. All samples were prepared using Soxhlet Extraction by EPA 3540C and analyzed for PCBs by EPA Method 8082 by Eurofins Calscience.

### 3.3.2 Concrete Sampling at Depth Results

Total PCBs were detected in 6 of the 13 deeper samples. Samples collected from surface to 0.25 inches (one sample) and 0.25 to 0.75 inches (four samples) had concentrations of total PCBs ranging from 53.6 mg/kg (J24K25A at 0.25 to 0.75 inches) to 0.74 mg/kg. Only one of the four samples collected from 1.5 to 2 inches deep had a detected concentration of total PCBs (0.273 mg/kg). The four concrete samples collected from 3 to 3.5 inches deep were non-detect for total PCBs. Based on the results of the 3 to 3.5 inch samples, PCB impacts did not penetrate through the entire thickness of the slab. The analytical results are summarized in Table III and the sample locations are shown on Figure 3. Laboratory reports are included as Appendix B. Additional breakdown of results of the deeper concrete PCB assessment program for concrete are summarized in Section 4.4.2 below.

## 3.4 CONCRETE SURFACE SAMPLE DELINEATION

To delineate areas with total PCB concentrations equal to or greater than 50 mg/kg detected at three sampling locations (107 mg/kg at J24K25A-N, 59 mg/kg at E26F29A-N, and 53.6 mg/kg at J24K25A), these areas were further delineated to less than 50 mg/kg by performing step out sampling, 5-feet to the north, south, east, and west as shown on Figures 5 and 6. These samples were collected from upper 0 to 0.5 inches of the concrete surface utilizing a roto-hammer per EPA Region 1 SOP and samples prepared using Soxhlet Extraction by EPA 3540C and analyzed for PCBs by EPA Method 8082 by Eurofins Calscience. For the sampling location K30L31 inside of Building 066, step out samples were not performed due to the limited size of the Building; concrete removal for this area is further discussed in Section 5. Results are summarized in Table III. Laboratory reports are included as Appendix B.

## 3.5 IMPACT AREAS WITH TOTAL PCBS IN SOIL ABOVE SITE REMEDIATION GOALS

Three areas at the Site are planned for soil remediation due to detections of total PCBs above the SRG of 0.12mg/kg. These areas are labeled as SI-001, SI-005, and SI-006 on Figure 3 and soil sample locations with PCB exceedances in soil are shown by an orange circle. Soil samples that were collected beneath a concrete floor slab had surface concrete samples collected adjacent to the soil boring locations. The soil samples were also analyzed for PCBs by EPA Method 8082.

SI-001, located south of Building 043, had total PCBs detected in soil boring DP0127 at a concentration of 0.23 mg/kg at 10 feet bgs. SI-001 is located in an area covered by asphalt, so surface concrete samples were not collected.

SI-005, located within the center of Building 001, had total PCBs detected in soil boring DP0326 at 10 and 14 feet bgs with concentrations of 1.0 mg/kg and 0.29 mg/kg respectively in soil. A surface concrete sample was collected at J16K17 adjacent to soil boring DP0326; total PCBs were below reporting limits.

SI-006, located at the southern end of Building 001, had total PCBs detected in soil borings DP0346 and DP0377 at 1 foot bgs with reported concentrations of 0.26 mg/kg and 0.1742 mg/kg, respectively. A

surface concrete sample (upper 0 to 0.5 inches) was collected at P18Q19A adjacent to soil boring DP0346 and reported concentrations of total PCBs were 6.85 mg/kg.

Additional information about the SI areas is included in the SMP.

# 4. Applicability and Notification under 40 CFR §761

Based on the concentrations of total PCBs detected in concrete and as explained below, the Site is being addressed based on the conclusion that it is subject to regulation under 40 CFR §761.

The PCB-impacted concrete at the Site was determined to be classified as PCB remediation waste. According to 40 CFR §761.3, PCB remediation waste means the waste containing PCBs as a result of a spill, release, or other unauthorized disposal (referred to below as "release") with the following considerations:

- Materials disposed of prior to 18 April 1978, with "as found" concentrations ≥50 parts per million (ppm, equivalent to mg/kg) PCBs, regardless of the concentration of the original release;
- Materials which are currently at any volume or concentration where the original source was ≥500 ppm PCBs and the release occurred on or after 18 April 1978, or where the original source was ≥50 ppm PCBs and the release occurred on or after 2 July 1979; and
- Materials which are currently at any concentration if the PCBs are spilled or released from a source not authorized for use under this part (e.g., waste oil containing any detectable concentration of PCB used as a sealant, coating, or dust control agent, a pesticide or herbicide carrier, or as rust prevention on pipes; building materials with PCB concentration equal to or greater than 50 mg/kg).

Detected total PCB concentrations in surface concrete samples are equal to or greater than 50 mg/kg in two areas and, therefore; since the date of release is unknown, the default conclusion is that the original source concentration was also equal to or greater than 50 mg/kg.

Based on detected concentrations, the management of concrete with concentrations equal to or greater than 1 mg/kg is considered to be classified as PCB remediation waste subject to regulation under 40 CFR §761.

This document serves as the "notification" required by 40 CFR §761.61(a)(3). The nature and extent of contamination and sampling procedures are summarized below.

## 4.1 NATURE OF PCB CONTAMINATION

Based on the data compiled to date, total PCBs detected in concrete equal to or greater than 50 mg/kg appear to be in a relatively localized area in the western portion of Building 001 near columns J24 and F26 and in Building 066.

## 4.2 TSCA CHARACTERIZATION SAMPLING PROCEDURES

As discussed in Section 3 above, a comprehensive TSCA concrete characterization program was conducted within the portion of the Site identified as having been impacted by PCBs based on previous investigations (herein referred to as "the TSCA characterization area"). The comprehensive TSCA concrete characterization program was designed with modifications to the TSCA Self-Implementing prescribed sampling frequency, as allowed under a risk-based approval approach [40 CFR §761.61 (c)], pursuant to the response to Question 2 on page 77 of the June 2014 Version of "Revisions to the

PCB Q and A Manual", since the Site is larger than 1 acre. This modification was also considered appropriate due to the distribution of PCB detections and the relative low frequency of elevated PCB concentrations with respect to the overall number of samples analyzed.

Based on our review of the existing data, the frequency and spatial distribution of sample locations to assess locations where concentrations exceed the total PCB SRG of 0.12 mg/kg, and the proposed plans for off-site removal of the concrete exceeding the SRGs, we concluded that the results of the investigation activities provide adequate data to characterize to the nature and extent of PCB impacts.

### 4.3 TSCA-REGULATED AREA

Based on the results of the TSCA sampling program, the TSCA-regulated area encompasses the demolition area limits, approximately 26 acres as shown on Figure 4. PCB contamination equal to or greater than 50 mg/kg is primarily concentrated in an approximate 6,300 sf area in the western portion of Building 001 near columns J24 and F26 and an approximate 1,200 sf area in Building 066. The limits of the TSCA-regulated area are shown on Figure 4.

### 4.4 LOCATION AND EXTENT OF CONTAMINATION

#### 4.4.1 Concrete

During the sampling investigations, a total of 200 samples were collected of the full concrete thickness and submitted for analysis of PCBs. The results of the laboratory data indicate that total PCBs were not detected above the laboratory reporting limit or detected at concentrations less than 1 mg/kg in 92% of the samples. The table below shows the percentage breakdown of total PCB concentrations detected in concrete core samples by percent at varying concentrations during the investigation by Haley & Aldrich.

| Concentration of Total PCBs Breakdown in Cores | Number of Core Samples | Percentage |
|---|---|---|
| Total Collected | 200 | |
| Non-detect to <1 mg/kg | 184 | 92% |
| ≥1 mg/kg to <50 mg/kg | 16 | 8% |
| ≥50 mg/kg | 0 | 0% |

During the sampling investigations for concrete surface samples collected in accordance with TSCA sampling procedures, a total of 95 surface samples were collected and submitted for analysis of PCBs. The results of the laboratory data indicate that total PCBs were not detected above the laboratory reporting limit or detected at concentrations less than 1 mg/kg in 45% of the samples. The table below shows the breakdown of total PCB concentrations detected:

| Concentration of Total PCBs Breakdown | Number of Samples | Percentage |
|---|---|---|
| Total Collected | 95 | |
| Non-detect to <1 mg/kg | 43 | 45% |
| ≥1 mg/kg to <50 mg/kg | 49 | 52% |
| ≥50 mg/kg | 3 | 3% |

An additional 13 samples obtained at discrete depths below the concrete surface were collected and analyzed for PCBs which are not included in the breakdown above.

The areas at the Site that have samples with detected total PCBs correlate to areas of the facility that were used primarily for manufacturing. In areas that have been historically office space, total PCBs were not detected in concrete core samples at concentrations greater than the laboratory reporting limits.

### 4.4.2 Soil

During the soil investigations conducted at the site, 271 samples were collected and analyzed for PCBs. The breakdown of total PCB concentrations is summarized below:

| Concentration of Total PCBs Breakdown | Number of Samples | Percentage |
|---|---|---|
| Total Collected | 271 | |
| Non-detect to 0.12 mg/kg | 266 | 98% |
| >0.12 mg/kg to <1 mg/kg | 4 | 1.5% |
| ≥1 mg/kg to <50 mg/kg | 1 | 0.5% |
| ≥50 mg/kg | 0 | 0% |

Soil with total PCB concentrations equal to or greater than 1 mg/kg will be excavated and disposed of off-Site pursuant to the performance-based approach described under 40 CFR §761.61(b). To date, only one location contains a total PCB concentration equal or greater than 1 mg/kg. This identified SI is described in Section 2.6. This removal/disposal approach does not require EPA approval or notification.

# 5. Self-Implementing Cleanup and Disposal of PCB Remediation Waste

This section presents a cleanup plan for concrete subject to regulation under TSCA at 761.61(a)(3)(D)(E) and (4) including: approach, disposal options, remedial goals, schedule and owner certification. In summary the site cleanup plan involves removal and off-site disposal of TSCA-regulated concrete.

## 5.1 CLEANUP LEVELS AND REMEDIAL APPROACH

Cleanup levels have been determined by the proposed future use of the Site and are protective of both human health and groundwater quality. The SRG for total PCBs is 0.12 mg/kg. The impacted concrete with concentrations greater than 0.12 mg/kg will be removed from the Site to meet the SRG. The removal will be based on the results of the in-place sampling and total PCB concentrations described in this SIP and removed concrete with be transported to approved facilities based on the "as found" concentrations.

For areas where total PCBs are equal to or greater than 50 mg/kg, the limits of the concrete removal area will extend beyond the next closest sample collected with concentrations of total PCBs less than 50 mg/kg. For ease of implementation, the limits of removal will be larger than the delineation area and may extend to the nearest column in Building 001. Due to the small size of Building 066, the removal area for this location will encompass the entire building's concrete floor slab located on the eastern portion of the building. The western portion of Building 066 was constructed with asphalt. Lateral extent for remediation is shown on Figure 4 using color-coded classification area limits.

Concrete slab removal will be monitored by Haley & Aldrich. As concrete floor slab is removed, the soil conditions uncovered below the slab will be visually observed and screened with a photoionization detector (PID) by Haley & Aldrich staff in accordance with the SMP. Once the soil has been exposed, it will be monitored for indications of potential environmental impacts, including stained or discolored soils, wet or saturated soils, or odors in ambient air. If there are indications of concrete or soil impacts, samples will also be collected for suspected COPCs based on previous on-Site operations as described in the SMP.

Concrete with in-place concentrations of COPCs less than the SRGs will be processed and stockpiled on-Site. Samples of processed concrete will be collected (see SMP) to confirm concentrations are below SRGs prior to being used as backfill at the Site.

## 5.2 WASTE MANAGEMENT AND OFF-SITE DISPOSAL

The removal and management of entire thickness of the concrete floor slabs will be conducted in conjunction with the Site demolition contract. PCB remediation waste equal to or greater than 50 mg/kg total PCBs will be disposed at a TSCA approved Resource Conservation Recovery Act (RCRA) C Hazardous Waste Facility. The contractor currently plans to transport these concrete materials to the Grassy Mountain facility in Utah under a Hazardous Waste Manifest.

Concrete floor slabs with in-place detected total PCB concentrations less than 50 mg/kg and equal to or greater than 1 mg/kg will have the entire thickness of the concrete floor slab disposed of at a facility that is permitted, licensed or registered by the State of California in accordance with requirements outlined in 40 CFR §761.61 (a)(5)(v)(A) or another RCRA Subtitle D facility. Several facilities are currently

being considered for disposal of concrete including the Buttonwillow Facility in California. Remediation waste materials transported to RCRA Subtitle D facilities will be transported under a Hazardous Waste Manifest or Bill of Lading. Concrete with in-place detected concentrations less than 1 mg/kg that will be disposed of off-Site will be disposed of at a facility that is appropriately permitted, licensed or registered by the State of California to accept these materials, or will also be disposed of at a facility similar to identified above for waste concrete with in-place detected total PCB concentrations less than 50 mg/kg and equal to or greater than 1 mg/kg.

All operators and trucks will have proper Department of Transportation certificates and vehicle inspection certifications.

### 5.3 CONFIRMATORY POST-REMEDIATION SAMPLING

The total PCB concentration of in-place samples will be used as lateral confirmation sample results. The removal limits of concrete with concentrations of total PCBs equal to or greater than 50 mg/kg will extend beyond the next closest sample collected with concentrations of total PCBs less than 50 mg/kg. For ease of implementation, the limits of removals will be larger than the delineation areas and may extend to the nearest column or cold joint in Building 001. Due to the small size of Building 066, the removal area for this location will encompass the entire building's floor slab where it is constructed with concrete.

Concrete samples were collected at multiple depth intervals in the areas with concentrations of total PCBs in surface samples equal to or greater than 50 mg/kg. By the 3- to 3.5-inch depth of the concrete, PCBs were not detected above laboratory reporting limits, supporting the conclusion that PCB impacts did not penetrate through the entire thickness of the slab.

No post-remediation confirmation sample collection is considered necessary based on the following:

- Lateral delineation of total PCBs has been achieved to less than 50 mg/kg for sample locations within Building 001; for Building 066 a conservative approach will be taken to remove the entire concrete floor slab of the building;
- Entire thickness of concrete will be removed based on a comparison of the maximum total PCB concentration of surface and core samples to these limits;
- Vertical delineation of total PCBs has been achieved to less than the reporting limit at a 3.5- inch depth, even so, the entire thickness of the concrete will be removed as stated above;
- Adequate concrete sampling and characterization to assess the nature and extent of PCB impacts in concrete has been completed; and
- Concrete removal and soil conditions beneath the slab will be monitored for indications of potential environmental impacts. If there are indications of concrete or soil impacts observed, samples will be collected for additional analysis in accordance with the SMP.

### 5.4 SCHEDULE

Work related to removal of PCB remediation waste will commence following approval of the SIP. Removal of PCB-impacted concrete is currently expected to begin in Summer 2016.

## 5.5 CERTIFICATION OF OWNER AND PARTY CONDUCTING CLEANUP

The signed certification required by 40 CFR §761.61(a)(3)(i)(E) is being submitted concurrently with this plan. A copy of the certification is provided in Appendix C.

# 6. Conclusions

The PCB-impacted concrete material encountered at the Site will be managed and disposed of in accordance with this SIP. If conditions are encountered that vary substantially from those anticipated, this plan may be revised to accommodate those conditions. Pursuant to 40 CFR Section 761.61(a)(3)(ii), EPA will be notified of changes to this plan, in writing, at least 14 days prior to the preferred date for implementation of the changes.

## References


1. California Regional Water Quality Control Board, Los Angeles Region, 1998. “Groundwater Remediation-Rocketdyne Canoga Park Facility, 6633 Canoga Avenue, Canoga Park, California (File No. 83-08), dated 2 April 1998.

2. California Regional Water Quality Control Board, Los Angeles Region, 2005. “No Further Action for Soil North of Building 009 and Groundwater Monitoring, Building 009 Area, The Boeing Company, Canoga Avenue Facility, 6620 Canoga Avenue, Canoga Park, California (SLIC No. 0237E, Site ID 2042800 (APN 2148-031-901),” dated 29 March 2005.

3. Haley & Aldrich, Inc., 2002. “ASTM Phase I Environmental Site Assessment, The Boeing Company, Rocketdyne Propulsion & Power, Canoga Avenue Facility, Building 004 – 6733 Canoga Avenue and Building 038 – 21600 Vanowen Street,” dated 27 March 2002.

4. Haley & Aldrich, Inc., 2005. “Final Draft ASTM Phase I Environmental Site Assessment, The Boeing Company, Canoga Avenue Facility, Building 001 Area,” dated 26 April 2005.

5. Haley & Aldrich, Inc., 2015. Final Soil Management Plan for Assessment, Remediation and Confirmation Sampling of Vadose Zone Soils, United Technologies Corporation, Canoga Avenue Facility, Canoga Park, California, LARWQCB Case #0237A, Site ID No. 2040214, dated 19 November 2015.

6. Jennings, C.W. and Troxel, B.W., 1954. Geology of Southern California, Geologic Article No. 2, Geology of the Ventura Basin, Division of Mines, 1954.

7. Rockwell International, 1983. “Weekly Progress Report” dated 10 March 1983.

8. United States Environmental Protection Agency, Region 1, 2011. “Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs), the Office of Environmental Measurement and Evaluation, EPA New England – Region 1, 11 Technology Dr., North Chelmsford, MA 01863, Revision 4,” dated 5 May 2011.

# TABLES

**TABLE I**
POTENTIAL HISTORICAL PCB USE AREAS
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Sample Location Name | Sample Thickness (inches) | PCB Concentration Surface Sample (mg/kg) | PCB Concentration in Crushed Core Sample (mg/kg) | Sample Target |
|---|---|---|---|---|
| J16K17 / DP0326 | 0.5 / 15 | ND | ND | Former tetrachloroethene (PCE) Vapor Degreaser, PCB impacts in soil |
| F30G31 | 0.5 | ND | - | Drums with oils were stored on a concrete pad outside and north of Building 002 (ET 72) |
| C29D30 | 0.5 | 0.099 | - | Hydraulic Unit provided hydraulic oil to test cells on west side of Building 001 C29 (ET 30) |
| J13K14 | 0.5 | 2.35 | - | Area 1 Dip Tanks, formerly inaccessible, inside Building 001 near column J14 |
| K12L13 | 0.5 | ND | - | Oil use area & collection trench, SE area of Building 001, column L13 (ET 45) |
| K12L13A | 0.5 | 0.401 | - | Oil use area, SE area of Building 001, column L13 (ET 47) |
| K21L22A | 0.5 | ND | - | Former machine coolant waste storage area, SW Building 001, near column K22 |
| L15M16 | 0.5 | 0.534 | - | Former Area 2 Chemical Processing Area, SE corner of Building 001 near column L16 (ET 11) |
| F19G20A | 0.5 | ND | - | Former Machine Pad inside Building 001, near column G20 |
| F22G23 | 0.5 | 0.16 | - | Former Machine Pad inside Building 001, near column F22 |
| J20K21A | 0.5 | ND | - | Former Machine Pad inside Building 001, near column J21 |
| J32K33 | 0.5 | ND | - | Substation formerly used PCBs, located SW of Building 002 along property line |
| P22Q23 | 0.5 | 0.13 | - | Substation formerly used PCBs, located W of Building 001 near O22 |
| C32D33 | 0.5 | 0.247 | - | Former chemical storage area within Building 028 (ET75) |
| M30N31 | 0.5 | ND | - | Former oil storage area for machine cutting coolant east of Building 029 (ET77) |
| A16C17 | 0.5 | 0.29 | - | Former hydraulic pump located near C-17 north of Building 001 |
| A21C22 | 0.5 | 3.2 | - | Former hydraulic pump located near A-22 north of Building 001 (ET26) |
| Q31R32 | 0.5 | ND | - | Former chemical storage area inside Building 035 (ET84) |
| R31S32 | 0.5 | ND | - | Former chemical storage area south of Building 035 (ET84) |
| P13Q14 | 0.5 | 0.168 | - | Former chemical storage sheds located outside of the MCCFC area on east side Building 001 P13Q14 |
| P18Q19A / DP0346 | 0.5 / 4 | 6.85 | 0.102 | Stained concrete, and PCB impacts in soil |

**Notes:**
ET = Environemrntal Target
mg/kg = milligrams per kilogram
PCB = polychlorinated biphenyls

**TABLE II**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE CORE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A15C16 | Normal | A15C16 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| A17C18 | Normal | A17C18 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| A18C19 | Normal | A18C19 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.031 J | 0.052 | 0.035 J | ND (0.012) | - | 0.118 |
| A20C21 | Normal | A20C21 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| A22C23 | Normal | A22C23 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.015 J | ND (0.011) | ND (0.012) | - | 0.015 |
| A24C25 | Normal | A24C25 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.014 J | ND (0.011) | ND (0.012) | - | 0.014 |
| A29C30 | Normal | A29C30 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.044 J | 0.032 J | ND (0.012) | - | 0.076 |
| A30C31 | Normal | A30C31 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| A31C32 | Normal | A31C32 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.016 J | ND (0.011) | ND (0.012) | - | 0.016 |
| A32C33 | Normal | A32C33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.012 J | ND (0.011) | ND (0.012) | - | 0.012 |
| A9C10 | Normal | A9C10 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.013 J | ND (0.011) | ND (0.012) | - | 0.013 |
| AA13A14 | Normal | AA13A14 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AA1A2 | Normal | AA1A2 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AA22A23 | Normal | AA22A23 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AB24AA25 | Normal | AB24AA25 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AB29AA30 | Normal | AB29AA30 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AB30AA31 | Normal | AB30AA31 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AB32AA33 | Normal | AB32AA33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AC1AB2 | Normal | AC1AB2 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AC32AB33 | Normal | AC32AB33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AD15AC16 | Normal | AD15AC16 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AD1AC2 | Normal | AD1AC2 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| AF32AE33 | Normal | AF32AE33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| C10D11 | Normal | C10D11 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | 0.13 | ND (0.012) | - | 0.13 |
| C12D13 | Normal | C12D13 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.58 | 0.24 | ND (0.012) | - | 0.82 |
| C13D14 | Normal | C13D14 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.71 | 0.36 | ND (0.012) | - | 1.07 |
| C14D15 | Normal | C14D15 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.044 J | ND (0.011) | ND (0.012) | - | 0.044 |
| C16D17 | Normal | C16D17 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.084 | ND (0.011) | ND (0.012) | - | 0.084 |
| C18D19 | Normal | C18D19 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.13 | ND (0.011) | ND (0.012) | - | 0.13 |
| C19D20 | Normal | C19D20 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.11 | ND (0.011) | ND (0.012) | - | 0.11 |
| C20D21 | Normal | C20D21 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.083 | 0.34 | ND (0.011) | ND (0.012) | - | 0.423 |
| C22D23 | Normal | C22D23 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| C24D25 | Normal | C24D25 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.027 J | ND (0.011) | ND (0.012) | - | 0.027 |
| C25D26 | Normal | C25D26 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.043 J | 0.032 J | ND (0.012) | - | 0.075 |
| C26D29 | Normal | C26D29 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| D12E13 | Normal | D12E13 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.039 J | ND (0.011) | ND (0.012) | - | 0.039 |
| D13E14 | Normal | D13E14 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.031 J | ND (0.011) | ND (0.012) | - | 0.031 |

**TABLE II**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE CORE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D15E16 | Normal | D15E16 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.025 J | ND (0.011) | ND (0.012) | - | 0.025 |
| D18E19 | Normal | D18E19 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| D21E22 | Normal | D21E22 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.027 J | 0.032 J | ND (0.012) | - | 0.059 |
| D23E24 | Normal | D23E24 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| D24E25 | Normal | D24E25 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.043 J | ND (0.011) | ND (0.012) | - | 0.043 |
| D26E29 | Normal | D26E29 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 1.6 | 0.58 | ND (0.012) | - | 2.18 |
| D29E30 | Normal | D29E30 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| D30E31 | Normal | D30E31 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0303 | Normal | DP-0303-CC-051214 | 05/12/2014 | ND (0.028) | ND (0.026) | ND (0.021) | ND (0.025) | ND (0.029) | 0.37 | 0.28 | ND (0.024) | - | 0.65 |
| DP0304 | Normal | DP-0304-CC-051214 | 05/12/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | 0.7 | ND (0.012) | - | 0.7 |
| DP0305 | Normal | DP-0305-050814 | 05/08/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0307 | Normal | DP-0307-050814 | 05/08/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0308 | Normal | DP-0308-CC-050814 | 05/08/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.16 | 0.1 | ND (0.012) | - | 0.26 |
| DP0309 | Normal | DP-0309-CC-050814 | 05/08/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 4.3 | ND (0.011) | ND (0.012) | - | 4.3 |
| DP0310 | Normal | DP-0310-CC-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.95 | ND (0.011) | ND (0.012) | - | 0.95 |
| DP0311 | Normal | DP-0311-CC-050914 | 05/09/2014 | ND (0.014) | ND (0.013) | ND (0.011) | 0.61 | ND (0.014) | 1.3 | ND (0.011) | ND (0.012) | - | 1.91 |
| DP0312 | Normal | DP-0312-CC-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.074 | 0.49 | ND (0.011) | ND (0.012) | - | 0.564 |
| DP0313 | Normal | DP-0313-CC-050914 | 05/09/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.34 | 0.78 | 0.43 | ND (0.012) | - | 1.55 |
| DP0314 | Normal | DP-0314-CC-050914 | 05/09/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.11 | ND (0.011) | ND (0.012) | - | 0.11 |
| DP0315 | Normal | DP-0315-CC-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.097 | 0.59 | ND (0.011) | ND (0.012) | - | 0.687 |
| DP0316 | Normal | DP-0316-050814 | 05/08/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.17 7,ET | 0.17 7,ET | ND (0.012) | - | 0.34 |
| DP0317 | Normal | DP-0317-CC-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 1.2 | 0.38 | ND (0.012) | - | 1.58 |
| DP0318 | Normal | DP-0318-CC-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0319 | Normal | DP-0319-CC-050814 | 05/08/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0320 | Normal | DP-0320-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0321 | Normal | DP-0321-CC-051214 | 05/12/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0322 | Normal | DP-0322-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0323 | Normal | DP-0323-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0324 | Normal | DP-0324-CC-051214 | 05/12/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0325 | Normal | DP-0325-CC-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.071 | 0.075 | ND (0.012) | - | 0.146 |
| DP0326 | Normal | DP-0326-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0327A | Normal | DP-0327A-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0328 | Normal | DP-0328-CC-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.13 | 0.45 | ND (0.011) | ND (0.012) | - | 0.58 |
| DP0329 | Normal | DP-0329-CC-051214 | 05/12/2014 | ND (0.14) | ND (0.13) | ND (0.11) | ND (0.12) | 8.1 | 13 | 3.2 | ND (0.12) | - | 24.3 |
| DP0330 | Normal | DP-0330-CC-050714 | 05/07/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.43 | 1.6 | ND (0.011) | ND (0.012) | - | 2.03 |
| DP0331 | Normal | DP-0331-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0332 | Normal | DP-0332-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |

**TABLE II**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE CORE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP0333 | Normal | DP-0333-CC-051314 | 05/13/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0334 | Normal | DP-0334-CC-050514 | 05/05/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.28 | ND (0.011) | ND (0.012) | - | 0.28 |
| DP0335 | Normal | DP-0335-CC-050514 | 05/05/2014 | ND (0.014) | ND (0.013) | ND (0.011) | 0.99 ET | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | 0.99 |
| DP0336 | Normal | DP-0336-050514 | 05/05/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0337 | Normal | DP-0337-CC-050514 | 05/05/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0338 | Normal | DP-0338-CC-051314 | 05/13/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0339 | Normal | DP-0339-CC-051314 | 05/13/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.14 | ND (0.011) | ND (0.012) | - | 0.14 |
| DP0340 | Normal | DP-0340-CC-050614 | 05/06/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.1 | 0.36 | ND (0.011) | ND (0.012) | - | 0.46 |
| DP0341 | Normal | DP-0341-050514 | 05/05/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0342 | Normal | DP-0342-050514 | 05/05/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0343 | Normal | DP-0343-051214 | 05/12/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0344 | Normal | DP-0344-CC-051314 | 05/13/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| DP0345 | Normal | DP-0345-CC-051214 | 05/12/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.064 | 0.23 | ND (0.011) | ND (0.012) | - | 0.294 |
| DP0346 | Normal | DP-0346-CC-051314 | 05/13/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| E12F13 | Normal | E12F13 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.029 J | ND (0.012) | 0.65 | ND (0.012) | - | 0.679 |
| E13F14 | Normal | E13F14 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.063 | 0.089 | 0.057 | ND (0.012) | - | 0.209 |
| E15F16 | Normal | E15F16 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.43 | 0.18 | ND (0.012) | - | 0.61 |
| E16F17 | Normal | E16F17 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.05 J | 0.21 | 0.22 | ND (0.012) | - | 0.48 |
| E17F18 | Normal | E17F18 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.15 | 1.2 | ND (0.011) | ND (0.012) | - | 1.35 |
| E18F19 | Normal | E18F19 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.24 | ND (0.011) | ND (0.012) | - | 0.24 |
| E20F21 | Normal | E20F21 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 1.1 | ND (0.011) | ND (0.012) | - | 1.1 |
| E21F22 | Normal | E21F22 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.098 | 0.52 | 0.27 | ND (0.012) | - | 0.888 |
| E22F23 | Normal | E22F23 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.99 | 0.7 | ND (0.012) | - | 1.69 |
| E24F25 | Normal | E24F25 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.025 J | ND (0.011) | ND (0.012) | - | 0.025 |
| E25F26 | Normal | E25F26 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.021 J | 0.071 | 0.056 | ND (0.012) | - | 0.148 |
| E26F29 | Normal | E26F29 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.26 | ND (0.011) | ND (0.012) | - | 0.26 |
| E5F6 | Normal | E5F6 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| F12G13 | Normal | F13G12 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.36 | 0.3 | ND (0.012) | - | 0.66 |
| F13G14 | Normal | F13G14 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 1.2 | 0.75 | ND (0.012) | - | 1.95 |
| F15G16 | Normal | F15G16 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.097 | 0.23 | 0.19 | ND (0.012) | - | 0.517 |
| F18G19 | Normal | F18G19 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| F1G2 | Normal | F1G2 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| F20G21 | Normal | F20G21 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.1 | 0.18 | 0.13 | ND (0.012) | - | 0.41 |
| F21G22 | Normal | F21G22 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.047 J | 0.29 | 0.29 | ND (0.012) | - | 0.627 |
| F23G24 | Normal | F23G24 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 5.5 | 2.2 | ND (0.012) | - | 7.7 |
| F24G25 | Normal | F24G25 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| F25G26 | Normal | F25G26 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.015 J | ND (0.011) | ND (0.012) | - | 0.015 |

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UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F26G29 | Normal | F26G29 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 1.3 | ND (0.011) | ND (0.012) | - | 1.3 |
| F31G32 | Normal | F31G32 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.093 | 0.42 | ND (0.011) | ND (0.012) | - | 0.513 |
| F32G33 | Normal | F32G33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| G12H13 | Normal | G12H13 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.015 J | ND (0.012) | 0.26 | ND (0.012) | - | 0.275 |
| G14H15 | Normal | G14H15 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.068 | 0.14 | ND (0.012) | - | 0.208 |
| G16H17 | Normal | G16H17 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.047 J | 0.12 | ND (0.012) | - | 0.167 |
| G17H18 | Normal | G17H18 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.015 J | 0.2 | ND (0.012) | - | 0.215 |
| G18H19 | Normal | G18H19 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.025 J | 0.095 | ND (0.011) | ND (0.012) | - | 0.12 |
| G19H20 | Normal | G19H20 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.04 J | 0.12 | 0.16 | ND (0.012) | - | 0.32 |
| G20H21 | Normal | G20H21 | 07/24/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.018 J | ND (0.011) | ND (0.012) | - | 0.018 |
| G23H24 | Normal | G23H24 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.075 | 0.24 | 0.13 | ND (0.012) | - | 0.445 |
| G25H26 | Normal | G25H26 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.54 | ND (0.011) | ND (0.012) | - | 0.54 |
| G26H29 | Normal | G26H29 | 07/22/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.42 | ND (0.011) | ND (0.012) | - | 0.42 |
| G29H30 | Normal | G29H30 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.013 J | 0.021 J | ND (0.012) | - | 0.034 |
| H12J13 | Normal | H12J13 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| H13J14 | Normal | H13J14 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.015 J | 0.078 | 0.1 | ND (0.012) | - | 0.193 |
| H15J16 | Normal | H15J16 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.048 J | 0.049 J | ND (0.012) | - | 0.097 |
| H16J17 | Normal | H16J17 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.024 J | 0.049 J | 0.04 J | ND (0.012) | - | 0.113 |
| H17J18 | Normal | H17J18 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.016 J | 0.021 J | ND (0.012) | - | 0.037 |
| H18J19 | Normal | H18J19 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.056 | 0.16 | ND (0.011) | ND (0.012) | - | 0.216 |
| H19J20 | Normal | H19J20 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.04 J | 0.091 | ND (0.011) | ND (0.012) | - | 0.131 |
| H20J21 | Normal | H20J21 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.26 | ND (0.011) | ND (0.012) | - | 0.26 |
| H21J22 | Normal | H21J22 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.054 | 0.17 | 0.2 | ND (0.012) | - | 0.424 |
| H23J24 | Normal | H23J24 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.05 | 0.45 | 0.35 | ND (0.012) | - | 0.85 |
| H24J25 | Normal | H24J25 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.1 | 0.15 | 0.038 J | ND (0.012) | - | 0.288 |
| H25J26 | Normal | H25J26 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.014 J | ND (0.011) | ND (0.012) | - | 0.014 |
| H26J29 | Normal | H26J29 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.8 | ND (0.011) | ND (0.012) | - | 0.8 |
| H29J30 | Normal | H29J30 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.14 | 0.14 | 0.037 J | ND (0.012) | - | 0.317 |
| H9J10 | Normal | H9G10 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| J15K16 | Normal | J15K16 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.045 J | 0.04 J | ND (0.012) | - | 0.085 |
| J17K18 | Normal | J17K18 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.089 | 0.096 | ND (0.012) | - | 0.185 |
| J19K20 | Normal | J19K20 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.19 | ND (0.011) | ND (0.012) | - | 0.19 |
| J20K21 | Normal | J20K21 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.026 J | 0.13 | ND (0.011) | ND (0.012) | - | 0.156 |
| J21K22 | Normal | J21K22 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.019 J | 0.026 J | ND (0.012) | - | 0.045 |
| J22K23 | Normal | J22K23 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.27 | ND (0.011) | ND (0.012) | - | 0.27 |
| J24K25 | Normal | J24K25 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 1.8 | 0.93 | ND (0.012) | - | 2.73 |
| J25K26 | Normal | J25K26 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 1.2 | ND (0.011) | ND (0.012) | - | 1.2 |

**TABLE II**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE CORE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J31K32 | Normal | J31K32 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| K13L14 | Normal | K13L14 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.033 J | ND (0.011) | ND (0.012) | - | 0.033 |
| K15L16 | Normal | K15L16 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| K16L17 | Normal | K16L17 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.14 | 0.68 | ND (0.011) | ND (0.012) | - | 0.82 |
| K17L18 | Normal | K17L18 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.12 | ND (0.011) | ND (0.012) | - | 0.12 |
| K18L19 | Normal | K18L19 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.85 | ND (0.011) | ND (0.012) | - | 0.85 |
| K19L20 | Normal | K19L20 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| K20L21 | Normal | K20L21 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.02 J | ND (0.011) | ND (0.012) | - | 0.02 |
| K21L22 | Normal | K21L22 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| K22L23 | Normal | K22L23 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| K23L24 | Normal | K23L24 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| K24L25 | Normal | K24L25 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.07 | ND (0.011) | ND (0.012) | - | 0.07 |
| K25L26 | Normal | K25L26 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.21 | 0.13 | ND (0.012) | - | 0.34 |
| K26L29 | Normal | K26L29 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.013 J | ND (0.011) | ND (0.012) | - | 0.013 |
| L13M14 | Normal | L13M14 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.021 J | ND (0.011) | ND (0.012) | - | 0.021 |
| L18M19 | Normal | L18M19 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.014 J | ND (0.011) | ND (0.012) | - | 0.014 |
| L19M20 | Normal | L19M20 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.11 | 0.093 | ND (0.012) | - | 0.203 |
| L21M22 | Normal | L21M22 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.025 J | 0.078 | 0.062 | ND (0.012) | - | 0.165 |
| L22M23 | Normal | L22M23 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.033 J | ND (0.011) | ND (0.012) | - | 0.033 |
| L23M24 | Normal | L23M24 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.036 J | 0.12 | ND (0.011) | ND (0.012) | - | 0.156 |
| L26M29 | Normal | L26M29 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| M13N14 | Normal | M13N14 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| M16N17 | Normal | M16N17 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.023 J | ND (0.011) | ND (0.012) | - | 0.023 |
| M17N18 | Normal | M17N18 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.02 J | ND (0.011) | ND (0.012) | - | 0.02 |
| M19N20 | Normal | M19N20 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.029 J | ND (0.011) | ND (0.012) | - | 0.029 |
| M20N21 | Normal | M20N21 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | 0.04 J | 0.043 J | 0.019 J | ND (0.012) | - | 0.102 |
| M21N22 | Normal | M21N22 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.026 J | 0.025 J | ND (0.012) | - | 0.051 |
| M26N29 | Normal | M26N29 | 07/25/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| M32N33 | Normal | M32N33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.12 | 0.039 J | ND (0.012) | - | 0.159 |
| M6N9 | Normal | M6N9 | 07/31/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| N15O16 | Normal | N15O16 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| N19O20 | Normal | N19O20 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.019 J | 0.016 J | ND (0.012) | - | 0.035 |
| N20O21 | Normal | N20O21 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| N21O22 | Normal | N21O22 | 07/28/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| N22O23 | Normal | N22O23 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| N24O25 | Normal | N24O25 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| N26O29 | Normal | N26O29 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |

**TABLE II**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE CORE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N29O30 | Normal | N29O30 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.017 J | 0.027 J | ND (0.012) | - | 0.044 |
| N30O31 | Normal | N30O31 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| O14Q15 | Normal | O14Q15 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.017 J | ND (0.011) | ND (0.012) | - | 0.017 |
| O32Q33 | Normal | O32Q33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| P15Q16 | Normal | P15Q16 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.044 J | 0.19 | ND (0.012) | - | 0.234 |
| P17Q18 | Normal | P17Q18 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | 0.031 J | 0.1 | 0.13 | ND (0.012) | - | 0.261 |
| P18Q19 | Normal | P18Q19 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.034 J | 0.037 J | ND (0.012) | - | 0.071 |
| P18R19 | Normal | P18R19 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| P21Q22 | Normal | P21Q22 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.013) | ND (0.014) | 0.046 J | 0.027 J | ND (0.012) | - | 0.073 |
| Q15R16 | Normal | Q15R16 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| Q16R17 | Normal | Q16R17 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| Q24R25 | Normal | Q24R25 | 07/29/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| Q31R32 | Normal | Q31R32 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| Q32R33 | Normal | Q32R33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) | - | ND |
| R32S33 | Normal | R32S33 | 07/30/2014 | ND (0.014) | ND (0.013) | ND (0.011) | ND (0.012) | ND (0.014) | 0.019 J | ND (0.011) | ND (0.012) | - | 0.019 |

**Notes:**
1. Results in mg/kg.
2. ND - not detected, method detection limit shown in parenthesis.
3. PCB - polychlorinated biphenyls.

**TABLE III**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE SURFACE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Sample Interval (inches below surface) | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A13C14 | Normal | 0 - 0.5 | A13C14-0.5 | 12/07/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 0.72 | 1.3 | ND (0.35) | ND (0.33) | 2.02 |
| A16C17 | Normal | 0 - 0.5 | A16C17-0.5 | 12/07/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.29 | ND (0.03) | ND (0.035) | ND (0.033) | 0.29 |
| A1C2 | Normal | 0 - 0.5 | A1C2-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| A21C22 | Normal | 0 - 0.5 | A21C22-0.5 | 12/07/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 3.2 | ND (0.3) | ND (0.35) | ND (0.33) | 3.2 |
| AB14AC15 | Normal | 0 - 0.5 | AB14AC15-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| AB8AC9 | Normal | 0 - 0.5 | AB8AC9-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| AC12AD13 | Normal | 0 - 0.5 | AC12AD13-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| AD5AE6 | Normal | 0 - 0.5 | AD5AE6-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| C13D14 | Normal | 0 - 0.5 | C13D14-0.5 | 12/08/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 13 | ND (3) | ND (3.4) | ND (3.3) | 13 |
| C18D19 | Normal | 0 - 0.5 | C18D19-0.5 | 12/08/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 3 | ND (0.3) | ND (0.35) | ND (0.33) | 3 |
| C29D30 | Normal | 0 - 0.5 | C29D30-0.5 | 12/07/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.099 | ND (0.03) | ND (0.035) | ND (0.033) | 0.099 |
| C32D33 | Normal | 0 - 0.5 | C32D33-0.5 | 12/07/2015 | ND (0.021) | ND (0.043) | ND (0.025) | ND (0.037) | ND (0.032) | 0.047 J | 0.2 | ND (0.035) | ND (0.034) | 0.247 |
| D26E29 | Normal | 0 - 0.5 | D26E29-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 10 | ND (3) | ND (3.5) | ND (3.3) | 10 |
| D26E29-E | Normal | 0 - 0.5 | D26E29-E-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 9.1 | ND (3) | ND (3.5) | ND (3.3) | 9.1 |
| D26E29-N | Normal | 0 - 0.5 | D26E29-N-0.5 | 12/07/2015 | ND (2.1) | ND (4.3) | ND (2.5) | ND (3.7) | ND (3.2) | 19 | ND (3.1) | ND (3.5) | ND (3.4) | 19 |
| D26E29-S | Normal | 0 - 0.5 | D26E29-S-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 16 | ND (3) | ND (3.5) | ND (3.3) | 16 |
| D26E29-W | Normal | 0 - 0.5 | D26E29-W-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 13 | ND (3) | ND (3.5) | ND (3.3) | 13 |
| D32E33 | Normal | 0 - 0.5 | D32E33-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| E17F18 | Normal | 0 - 0.5 | E17F18-0.5 | 12/09/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 1.1 | ND (0.3) | ND (0.35) | ND (0.33) | 1.1 |
| E20F21 | Normal | 0 - 0.5 | E20F21-0.5 | 12/08/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 4.1 | ND (0.3) | ND (0.35) | ND (0.33) | 4.1 |
| E22F23 | Normal | 0 - 0.5 | E22F23-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.12) | ND (0.18) | 0.26 | 0.73 | ND (0.15) | ND (0.17) | ND (0.17) | 0.99 |
| E26F29A | Normal | 1.5 - 2 | E26F29A-1.5-2 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| E26F29A | Normal | 3 - 3.5 | E26F29A-3-3.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| E26F29A | Normal | 0 - 0.5 | E26F29A-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 13 | ND (3) | ND (3.5) | ND (3.3) | 13 |
| E26F29A-E | Normal | 0 - 0.5 | E26F29A-E-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 12 | ND (3) | ND (3.5) | ND (3.3) | 12 |
| E26F29A-E2 | Normal | 0 - 0.5 | E26F29A-E2 | 01/18/2016 | ND (0.42) | ND (0.85) | ND (0.51) | ND (0.75) | ND (0.64) | 13 | ND (0.61) | ND (0.7) | ND (0.67) | 13 |
| E26F29A-N | Reanalysis | 0 - 0.5 | E26F29A-N-0.5-RERUN | 12/07/2015 | ND (1) | ND (2.1) | ND (1.2) | ND (1.8) | ND (1.6) | 11 ET | ND (1.5) | ND (1.7) | ND (1.7) | 11 |
| E26F29A-N | Normal | 0 - 0.5 | E26F29A-N-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 59 | ND (3) | ND (3.5) | ND (3.3) | 59 |
| E26F29A-N2 | Field Duplicate | 0 - 0.5 | E26F29A-N2-DUP | 01/18/2016 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 6.6 | ND (0.3) | ND (0.35) | ND (0.33) | 6.6 |
| E26F29A-N2 | Normal | 0 - 0.5 | E26F29A-N2 | 01/18/2016 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 7.8 | ND (0.3) | ND (0.35) | ND (0.33) | 7.8 |
| E26F29A-S | Normal | 0 - 0.5 | E26F29A-S-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 16 | ND (3) | ND (3.5) | ND (3.3) | 16 |
| E26F29A-S | Field Duplicate | 0 - 0.5 | E26F29A-S-0.5DUP | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 22 | ND (3) | ND (3.4) | ND (3.3) | 22 |
| E26F29A-W | Normal | 0 - 0.5 | E26F29A-W-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 31 | ND (3) | ND (3.5) | ND (3.3) | 31 |
| E26F29A-W2 | Normal | 0 - 0.5 | E26F29A-W2 | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.8) | ND (1.6) | 15 | ND (1.5) | ND (1.7) | ND (1.7) | 15 |
| F13G14 | Normal | 0 - 0.5 | F13G14-0.5 | 12/09/2015 | ND (1) | ND (2.1) | ND (1.3) | ND (1.8) | ND (1.6) | 12 | ND (1.5) | ND (1.7) | ND (1.7) | 12 |
| F15G16 | Normal | 0 - 0.5 | F15G16-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.19) | 0.43 | 0.7 | 0.77 | ND (0.17) | ND (0.17) | 1.9 |
| F16G17 | Normal | 0 - 0.5 | F16G17-0.5 | 12/09/2015 | ND (0.21) | ND (0.43) | ND (0.25) | ND (0.37) | 2.8 | 5.4 | ND (0.31) | ND (0.35) | ND (0.34) | 8.2 |
| F17G18 | Normal | 0 - 0.5 | F17G18-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.19) | 1.1 | 1.5 | ND (0.15) | ND (0.17) | ND (0.17) | 2.6 |

**TABLE III**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE SURFACE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Sample Interval (inches below surface) | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F19G20 | Normal | 0 - 0.5 | F19G20-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.21 | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | 0.21 |
| F19G20A | Normal | 0 - 0.5 | F19G20A-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| F20G21A | Normal | 0 - 0.5 | F20G21A-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| F22G23 | Normal | 0 - 0.5 | F22G23-0.5 | 12/09/2015 | ND (0.042) | ND (0.084) | ND (0.05) | ND (0.074) | ND (0.063) | 0.16 | ND (0.061) | ND (0.069) | ND (0.067) | 0.16 |
| F23G24 | Normal | 0 - 0.5 | F23G24-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.18 | 0.57 | 0.63 | ND (0.035) | ND (0.033) | 1.38 |
| F23G24 | Normal | 1.5 - 2 | F23G24-1.5-2 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| F23G24 | Normal | 3 - 3.5 | F23G24-3-3.5 | 12/10/2015 | ND (0.041) | ND (0.084) | ND (0.05) | ND (0.074) | ND (0.063) | ND (0.063) | ND (0.06) | ND (0.069) | ND (0.066) | ND |
| F23G24-E | Normal | 0 - 0.5 | F23G24-E-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.081 | 0.083 | ND (0.035) | ND (0.033) | 0.164 |
| F23G24-N | Normal | 0 - 0.5 | F23G24-N-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.096 | 0.11 | ND (0.035) | ND (0.033) | 0.206 |
| F23G24-S | Normal | 0 - 0.5 | F23G24-S-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.19) | 0.69 | 1.1 | ND (0.15) | ND (0.17) | ND (0.17) | 1.79 |
| F23G24-S | Field Duplicate | 0 - 0.5 | F23G24-S-0.5-FD | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.18) | 0.68 | 1 | 0.91 | ND (0.17) | ND (0.17) | 2.59 |
| F23G24-W | Normal | 0 - 0.5 | F23G24-W-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.09 | 0.62 | 0.65 | ND (0.034) | ND (0.033) | 1.36 |
| F26G29 | Normal | 0 - 0.5 | F26G29-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 42 | ND (3) | ND (3.4) | ND (3.3) | 42 |
| F26G29-E | Normal | 0 - 0.5 | F26G29-E | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.9) | ND (1.6) | 31 | ND (1.5) | ND (1.7) | ND (1.7) | 31 |
| F26G29-N | Normal | 0 - 0.5 | F26G29-N | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.8) | ND (1.6) | 16 | ND (1.5) | ND (1.7) | ND (1.7) | 16 |
| F26G29-S | Normal | 0 - 0.5 | F26G29-S | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.9) | ND (1.6) | 23 | ND (1.5) | ND (1.7) | ND (1.7) | 23 |
| F26G29-W | Normal | 0 - 0.5 | F26G29-W | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.9) | ND (1.6) | 16 | ND (1.5) | ND (1.7) | ND (1.7) | 16 |
| F30G31 | Normal | 0 - 0.5 | F30G31-0.5 | 12/07/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| G17H18 | Field Duplicate | 0 - 0.5 | G17H18-0.5DUP | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.12) | ND (0.18) | 0.47 | 1.8 | 5.3 | ND (0.17) | ND (0.17) | 7.57 |
| G17H18 | Normal | 0 - 0.5 | G17H18-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.18) | 0.39 | 1.6 | 6.7 | ND (0.17) | ND (0.17) | 8.69 |
| G20H21 | Normal | 0 - 0.5 | G20H21-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| G22H23 | Normal | 0 - 0.5 | G22H23-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.18) | 0.69 | 3.1 | 1.8 | ND (0.17) | ND (0.17) | 5.59 |
| G31H32 | Normal | 0 - 0.5 | G31H32-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.410 | 0.550 | ND (0.034) | ND (0.033) | 0.960 |
| G31H32 | Field Duplicate | 0 - 0.5 | G31H32-0.5-Dup | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.370 | 0.520 | ND (0.035) | ND (0.033) | 0.890 |
| H19J20 | Normal | 0 - 0.5 | H19J20-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| H26J29 | Normal | 0 - 0.5 | H26J29-0.5 | 12/07/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 13 | ND (3) | ND (3.5) | ND (3.3) | 13 |
| H29J30 | Normal | 0 - 0.5 | H29J30-0.5 | 12/07/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.34 | 0.16 | ND (0.03) | ND (0.035) | ND (0.033) | 0.5 |
| H31J32 | Normal | 0 - 0.5 | H31J32-0.5 | 05/16/2016 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| J13K14 | Normal | 0 - 0.5 | J13K14-0.5 | 12/09/2015 | ND (0.1) | ND (0.21) | ND (0.13) | ND (0.19) | 0.35 | 2 | ND (0.15) | ND (0.17) | ND (0.17) | 2.35 |
| J16K17 | Normal | 0 - 0.5 | J16K17-0.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| J17K18 | Normal | 0 - 0.5 | J17K18-0.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.3 | 1.3 | ND (0.03) | ND (0.035) | ND (0.033) | 1.6 |
| J17K18-E | Normal | 0 - 0.5 | J17K18-E-0.5 | 12/10/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | 1.3 | 3.4 | ND (0.3) | ND (0.35) | ND (0.33) | 4.7 |
| J17K18-N | Normal | 0 - 0.5 | J17K18-N-0.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.14 | 0.78 | ND (0.03) | ND (0.035) | ND (0.033) | 0.92 |
| J17K18-S | Normal | 0 - 0.5 | J17K18-S-0.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.22 | 0.62 | ND (0.03) | ND (0.035) | ND (0.033) | 0.84 |
| J17K18-W | Normal | 0 - 0.5 | J17K18-W-0.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.21 | 0.93 | ND (0.03) | ND (0.035) | ND (0.033) | 1.14 |
| J20K21A | Normal | 0 - 0.5 | J20K21A-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| J24K25 | Normal | 0 - 0.5 | J24K25-0.5 | 12/08/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 1.9 | ND (0.3) | ND (0.35) | ND (0.33) | 1.9 |

**TABLE III**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE SURFACE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Sample Interval (inches below surface) | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J24K25 | Normal | 1.5 - 2 | J24K25-1.5-2 | 12/10/2015 | ND (0.041) | ND (0.084) | ND (0.05) | ND (0.074) | ND (0.063) | ND (0.063) | ND (0.06) | ND (0.069) | ND (0.066) | ND |
| J24K25 | Normal | 3 - 3.5 | J24K25-3-3.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| J24K25A | Normal | 1.5 - 2 | J24K25A-1.5-2 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.1 | 0.13 | 0.043 J | ND (0.034) | ND (0.033) | 0.273 |
| J24K25A | Normal | 0 - 0.25 | J24K25A-0.25 | 01/18/2016 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | 0.74 | ND (0.32) | ND (0.3) | ND (0.35) | ND (0.33) | 0.74 |
| J24K25A | Normal | 0.25 - 0.75 | J24K25A-0.75 | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.9) | 22 | 23 | 8.6 | ND (1.7) | ND (1.7) | 53.6 |
| J24K25A | Normal | 3 - 3.5 | J24K25A-3-3.5 | 12/10/2015 | ND (0.041) | ND (0.083) | ND (0.049) | ND (0.073) | ND (0.063) | ND (0.062) | ND (0.06) | ND (0.068) | ND (0.066) | ND |
| J24K25A | Normal | 0 - 0.5 | J24K25A-0.5 | 12/08/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | 11 | 9.3 | 8.1 | ND (3.4) | ND (3.3) | 28.4 |
| J24K25A-E | Normal | 0 - 0.5 | J24K25A-E-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| J24K25A-E2 | Normal | 0 - 0.5 | J24K25A-E2 | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.9) | ND (1.6) | 4.6 | ND (1.5) | ND (1.7) | ND (1.7) | 4.6 |
| J24K25A-E2 | Normal | 0.25 - 0.75 | J24K25A-E2-0.75 | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.8) | 4.2 | 19 | 9.7 | ND (1.7) | ND (1.7) | 32.9 |
| J24K25A-N | Normal | 0 - 0.5 | J24K25A-N-0.5 | 12/08/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | 36 | 36 | 22 | ND (3.5) | ND (3.3) | 94 |
| J24K25A-N | Reanalysis | 0 - 0.5 | J24K25A-N-0.5-RERUN | 12/08/2015 | ND (4.1) | ND (8.3) | ND (4.9) | ND (7.3) | 44 | 42 | 21 | ND (6.8) | ND (6.6) | 107 |
| J24K25A-N2 | Normal | 0 - 0.5 | J24K25A-N2 | 01/18/2016 | ND (0.21) | ND (0.43) | ND (0.25) | ND (0.37) | ND (0.32) | 3.1 | ND (0.31) | ND (0.35) | ND (0.34) | 3.1 |
| J24K25A-N2 | Normal | 0.25 - 0.75 | J24K25A-N2-0.75 | 01/18/2016 | ND (0.42) | ND (0.84) | ND (0.5) | ND (0.74) | 1.4 | 6.2 | 5.2 | ND (0.69) | ND (0.67) | 12.8 |
| J24K25A-S | Normal | 0 - 0.5 | J24K25A-S-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| J24K25A-S | Field Duplicate | 0 - 0.5 | J24K25A-S-0.5DUP | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| J24K25A-W | Normal | 0 - 0.5 | J24K25A-W-0.5 | 12/08/2015 | ND (0.21) | ND (0.43) | ND (0.25) | ND (0.37) | ND (0.32) | 4 | 5.5 | ND (0.35) | ND (0.34) | 9.5 |
| J24K25A-W2 | Normal | 0 - 0.5 | J24K25A-W2 | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.8) | ND (1.6) | 18 | ND (1.5) | ND (1.7) | ND (1.7) | 18 |
| J24K25A-W2 | Field Duplicate | 0 - 0.5 | J24K25A-W2-DUP | 01/18/2016 | ND (1) | ND (2.1) | ND (1.3) | ND (1.9) | ND (1.6) | 21 | ND (1.5) | ND (1.7) | ND (1.7) | 21 |
| J24K25A-W2 | Normal | 0.25 - 0.75 | J24K25A-W2-0.75 | 01/18/2016 | ND (0.42) | ND (0.85) | ND (0.5) | ND (0.74) | 1.1 | 11 | 8.4 | ND (0.69) | ND (0.67) | 20.5 |
| J24K25-E | Normal | 0 - 0.5 | J24K25-E-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| J24K25-S | Normal | 0 - 0.5 | J24K25-S-0.5 | 12/08/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 6.8 | ND (0.3) | ND (0.35) | ND (0.33) | 6.8 |
| J24K25-W | Normal | 0 - 0.5 | J24K25-W-0.5 | 12/08/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | ND (0.32) | 4.8 | ND (0.3) | ND (0.34) | ND (0.33) | 4.8 |
| J25K26 | Normal | 0 - 0.5 | J25K26-0.5 | 12/08/2015 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 15 | ND (3) | ND (3.5) | ND (3.3) | 15 |
| J32K33 | Normal | 0 - 0.5 | J32K33-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| K12L13 | Normal | 0 - 0.5 | K12L13-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| K12L13A | Normal | 0 - 0.5 | K12L13A-0.5 | 12/09/2015 | ND (0.021) | ND (0.043) | ND (0.025) | ND (0.037) | 0.066 | 0.095 | 0.24 | ND (0.035) | ND (0.034) | 0.401 |
| K18L19 | Normal | 0 - 0.5 | K18L19-0.5 | 12/10/2015 | ND (0.21) | ND (0.43) | ND (0.25) | ND (0.37) | ND (0.32) | 3.7 | ND (0.31) | ND (0.35) | ND (0.34) | 3.7 |
| K21L22A | Normal | 0 - 0.5 | K21L22A-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| K25L26 | Normal | 0 - 0.5 | K25L26-0.5 | 12/08/2015 | ND (0.21) | ND (0.43) | ND (0.25) | ND (0.37) | ND (0.32) | 3 | 3.4 | ND (0.35) | ND (0.34) | 6.4 |
| K30L31 | Normal | 0 - 0.5 | K30L31-0.5 | 05/16/2016 | ND (2.1) | ND (4.2) | ND (2.5) | ND (3.7) | ND (3.2) | 31 | 23 | ND (3.5) | ND (3.3) | 54 |
| L14M15 | Normal | 0 - 0.5 | L14M15-0.5 | 12/09/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) |  | ND (0.03) | ND (0.034) | ND (0.033) | ND |
| L15M16 | Normal | 0 - 0.5 | L15M16-0.5 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.094 | 0.44 | ND (0.03) | ND (0.035) | ND (0.033) | 0.534 |
| L16M17 | Normal | 0 - 0.5 | L16M17-.05 | 12/10/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | 0.06 | 0.25 | ND (0.03) | ND (0.035) | ND (0.033) | 0.31 |
| L19M20 | Normal | 0 - 0.5 | L19M20-0.5 | 12/10/2015 | ND (0.021) | ND (0.043) | ND (0.025) | ND (0.037) | 0.15 | 0.61 | ND (0.031) | ND (0.035) | ND (0.034) | 0.76 |
| M30N31 | Normal | 0 - 0.5 | M30N31-0.5 | 12/08/2015 | ND (0.021) | ND (0.043) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.031) | ND (0.035) | ND (0.034) | ND |
| N24O25 | Normal | 0 - 0.5 | N24025-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.086 | ND (0.03) | ND (0.035) | ND (0.033) | 0.086 |

**TABLE III**
SUMMARY OF ANALYTICAL PCB RESULTS IN CONCRETE SURFACE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Location Name | Sample Type | Sample Interval (inches below surface) | Laboratory Sample Name | Sample Date | Aroclor-1016 (PCB-1016) | Aroclor-1221 (PCB-1221) | Aroclor-1232 (PCB-1232) | Aroclor-1242 (PCB-1242) | Aroclor-1248 (PCB-1248) | Aroclor-1254 (PCB-1254) | Aroclor-1260 (PCB-1260) | Aroclor-1262 (PCB-1262) | Aroclor-1268 (PCB-1268) | Total PCBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P13Q14 | Normal | 0 - 0.5 | P13Q14-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | 0.038 J | 0.13 | ND (0.035) | ND (0.033) | 0.168 |
| P18Q19A | Normal | 0 - 0.5 | P18Q19A-0.5 | 12/08/2015 | ND (0.21) | ND (0.42) | ND (0.25) | ND (0.37) | 0.95 | 1.2 | 4.7 | ND (0.35) | ND (0.33) | 6.85 |
| P22Q23 | Normal | 0 - 0.5 | P22Q23-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | 0.13 | ND (0.035) | ND (0.033) | 0.13 |
| Q31R32 | Normal | 0 - 0.5 | Q31R32-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |
| R31S32 | Normal | 0 - 0.5 | R31S32-0.5 | 12/08/2015 | ND (0.021) | ND (0.042) | ND (0.025) | ND (0.037) | ND (0.032) | ND (0.032) | ND (0.03) | ND (0.035) | ND (0.033) | ND |

**Notes:**
1. Results in mg/kg.
2. ND - not detected, method detection limit shown in parenthesis.
3. PCB - polychlorinated biphenyls.

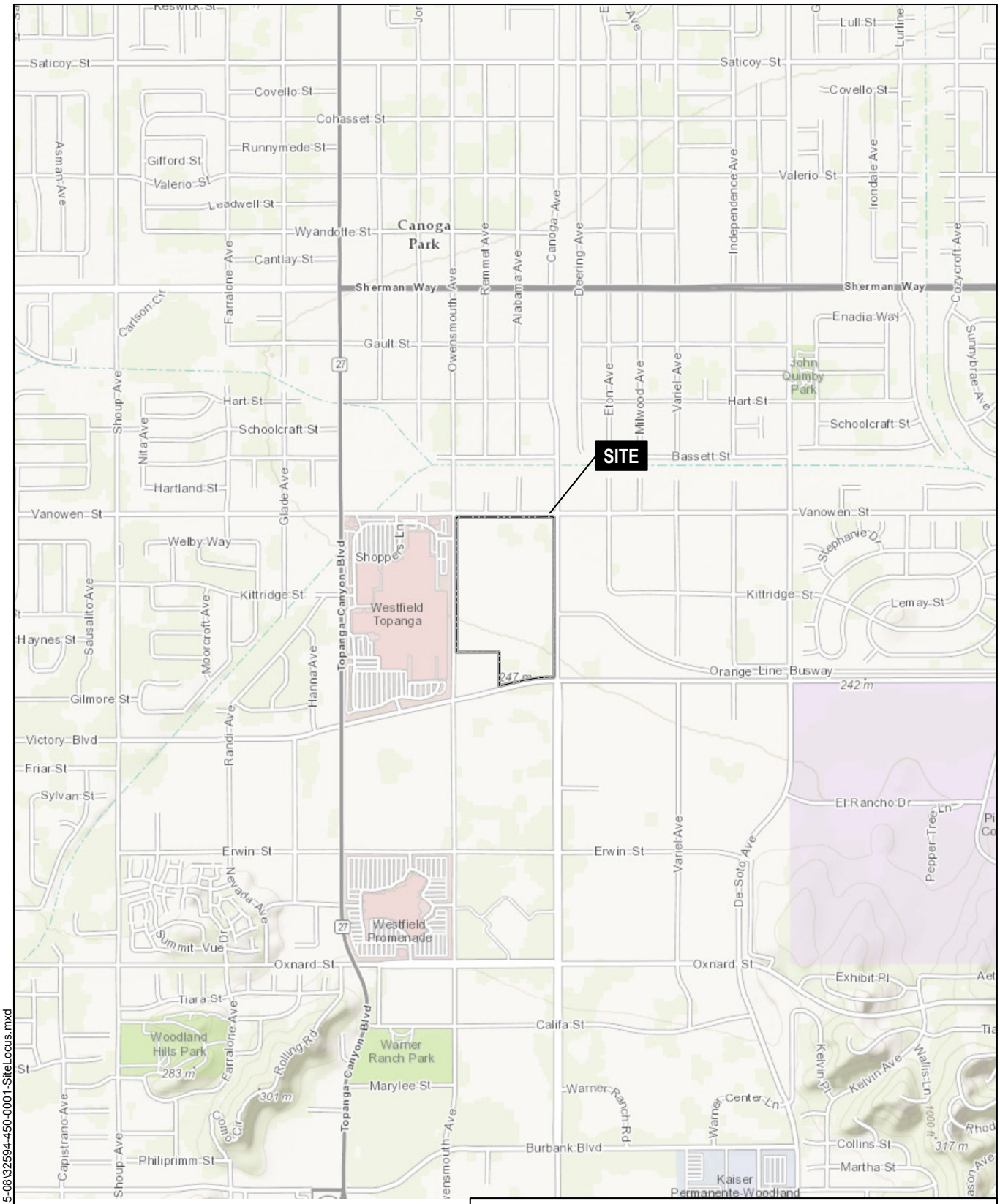
**TABLE IV**

COMPARISON OF TOTAL PCB RESULTS IN CONCRETE CORE AND SURFACE SAMPLES
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA

| Sample Location | Core Sample Thickness (inches) | PCB Concentration in Crushed Core Sample (mg/kg) | PCB Concentration Surface Sample (mg/kg) |
|---|---|---|---|
| G20H21 | 14 | 0.018 | ND |
| P18Q19A / DP0346 | 4 | 0.102 | 6.85 |
| C18D19 | 6 | 0.13 | 3 |
| H19J20 | 5 | 0.131 | ND |
| L19M20 | 6 | 0.203 | 0.76 |
| G17H18 | 6 | 0.215 | 8.69 |
| H29J30 | 29 | 0.317 | 0.5 |
| K25L26 | 6 | 0.34 | 6.4 |
| L14M15 / DP0340 | 7 | 0.46 | ND |
| F15G16 | 5 | 0.517 | 1.9 |
| F19G20 / DP0312 | 5 | 0.564 | 0.21 |
| F20G21A / DP0315 | 6 | 0.687 | ND |
| A13C14 / DP0304 | 6 | 0.7 | 2.02 |
| H26J29 | 5 | 0.8 | 13 |
| K18L19 | 4 | 0.85 | 3.7 |
| L16M17 / DP0335 | 4 | 0.99 | 0.31 |
| C13D14 | 5 | 1.07 | 13 |
| E20F21 | 5 | 1.1 | 4.1 |
| J25K26 | 6 | 1.2 | 15 |
| F26G29 | 6 | 1.3 | 42 |
| E17F18 | 5 | 1.35 | 1.1 |
| F17G18 / DP0313 | 6 | 1.55 | 2.6 |
| G22H23 / DP0317 | 5 | 1.58 | 5.59 |
| E22F23 | 5 | 1.69 | 0.99 |
| F16G17 / DP0311 | 5 | 1.91 | 8.2 |
| F13G14 | 5 | 1.95 | 12 |
| J17K18 / DP0330 | 6 | 2.03 | 1.6 |
| D26E29 | 5 | 2.18 | 10 |
| J24K25 | 6 | 2.73 | 1.9 |
| E26F29A / DP0309 | 5 | 4.3 | 13 |
| F23G24 | 6 | 7.7 | 1.38 |
| J24K25A/ DP0329 | 6 | 24.3 | 28.4 |
| J16K17 / DP0326 | 15 | ND | ND |
| N24O25 | 57 | ND | 0.086 |

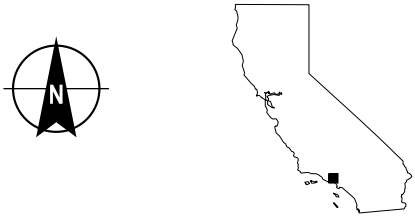
**Notes:**
PCB = polychlorinated biphenyls
mg/kg = milligrams per kilogram

# FIGURES




MAP SOURCE: ESRI

SITE COORDINATES : 34°11'28.65"N,118°35'58.12"W



HALEY ALDRICH

UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE
CANOGA PARK, CALIFORNIA

# SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
JUNE 2016

FIGURE 1

U:\325941\Canoga\GIS\MapProjects\2015-08\325941-450-0001-SiteLocus.mxd

GIS FILE PATH: U:\32594\Canoga\GIS\MapProjects\2015-08\32594-450-0002-Facility Plan.mxd — USER: dfm — LAST SAVED: 7/29/2015 2:52:24 PM

**LEGEND**

SITE BOUNDARY

**035** BUILDING NUMBER

**NOTES**

1. ALL LOCATIONS AND DIMENSIONS AREA APPROXIMATE

2. AERIL PHOTO: PICOMETRY DATED; FEB 2014

N

0 150 300

SCALE IN FEET

HALEY ALDRICH

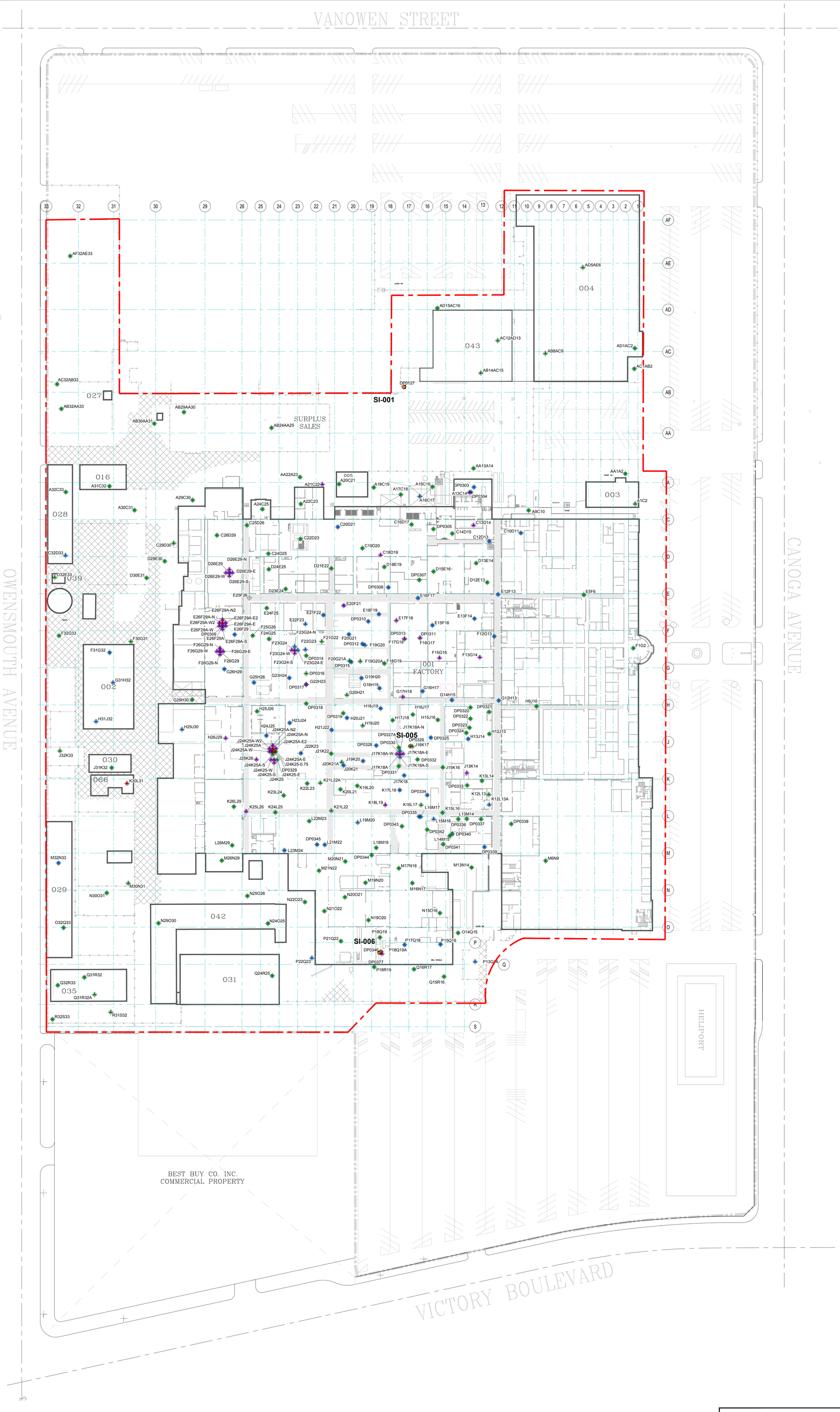
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE
CANOGA PARK, CALIFORNIA

# CANOGA AVENUE FACILITY PLAN

JUNE 2016

FIGURE 2

U:\32594\CANOGA\GLOBAL\CAD\DRAWINGS\2016_06\32594-519-0003_4-ACONCRETESAMPLESRG_PCB.DWG




## LEGEND

- SOIL BORING AND SOIL GAS SAMPLE LOCATION
- SOIL BORING LOCATION
- APPROXIMATE PROPERTY LINE
- NO05 BUILDING OUTLINE
- BUILDING COLUMN/ SAMPLING GRID
- FENCE
- CONCRETE COMPOSITE SAMPLE LOCATION
- CONCRETE SURFACE SAMPLE LOCATION
- ≥ 50 (TOTAL PCBs IS IN mg/kg)
- ≥ 1 AND < 50 (TOTAL PCBs IS IN mg/kg)
- ≥ 0.12 AND < 1 (TOTAL PCBs IS IN mg/kg)
- < 0.12 (TOTAL PCBs IS IN mg/kg)
- SOIL BORING WITH ONE OR MORE SAMPLES EXCEEDING THE SOIL REMEDIATION GOAL (SRG) FOR TOTAL PCBs (0.12 mg/kg)
- ASPHALT
- SI-00x KNOWN SOIL IMPACT AREA WITH TOTAL PCBs ABOVE SRG

## NOTES

1. DETECTED CONCENTRATIONS OF INDIVIDUAL AROCLORS WERE SUMMED TO DETERMINE THE TOTAL PCB CONCENTRATION.

N

0 60 120 180 240
SCALE IN FEET

HALEY ALDRICH

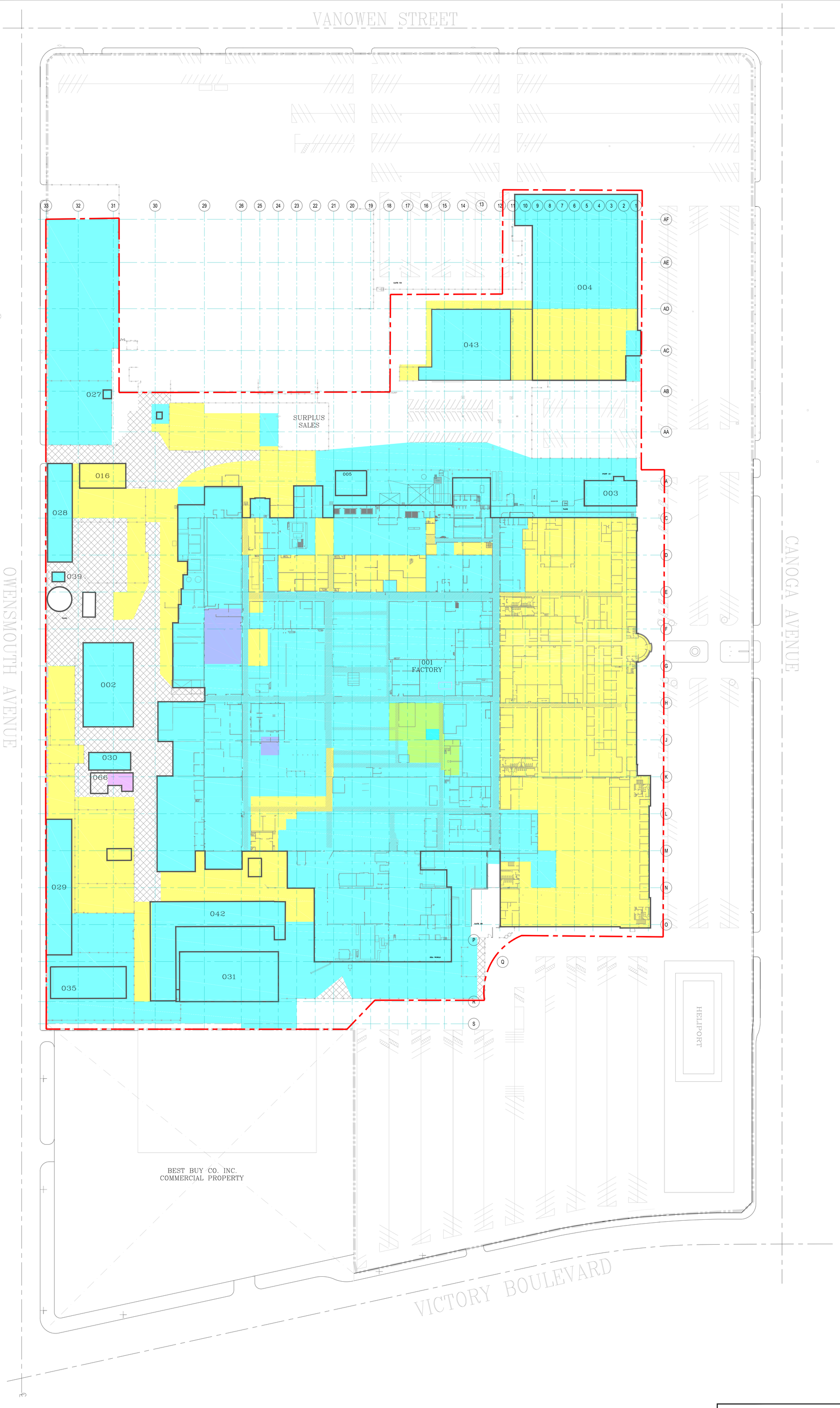
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE
CANOGA PARK, CALIFORNIA

# CONCRETE SAMPLE LOCATIONS AND CONCENTRATIONS RELATIVE TO SRGs

SCALE: AS SHOWN
JUNE 2016

FIGURE 3

U:\32594\CANOGA\GLOBAL\CAD\DRAWINGS\2016-06\32594-519-0003_4-ACONCRETESAMPLESRG_PCB.DWG




**LEGEND**

- APPROXIMATE PROPERTY LINE
- N005 BUILDING OUTLINE
- BUILDING COLUMN/ SAMPLING GRID
- FENCE
- TSCA - REGULATED AREA
- MATERIAL AVAILABLE FOR REUSE (TOTAL PCBs ≤ 0.12 mg/kg)
- EXCEEDS SRG FOR ONE OR MORE CONTAMINANTS (TOTAL PCBs > 0.12 mg/kg AND TOTAL PCBs < 50 mg/kg)
- TSCA WASTE (TOTAL PCBs ≥ 50 mg/kg; APPROXIMATE)
- WILL BE SAMPLED PRIOR TO DEMOLITION IN ACCORDANCE WITH EPA REGION 1 SOP
- ASPHALT

**NOTES**

1. DETECTED CONCENTRATIONS OF INDIVIDUAL AROCLORS WERE SUMMED TO DETERMINE THE TOTAL PCB CONCENTRATION.

N

0 60 120 180 240
SCALE IN FEET

HALEY ALDRICH

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CANOGA AVENUE FACILITY
6633 CANOGA AVENUE
CANOGA PARK, CALIFORNIA

# SURFACE CLASSIFICATIONS FOR DISPOSAL

SCALE: AS SHOWN
JUNE 2016

FIGURE 4

D26E29
10
D26E29-N
19
D26E29-W
13
D26E29-E
9.1
D26E29-S
16
D24E25
0.043
D23E24
ND
E25F26
E24F25
0.025
E26F29A-N2
7.8/6.6
E26F29A-N
59/11
E26F29A-E2
13
E26F29A-W2
15
E26F29A-E
12
E26F29A-W
31
E26F29A-S
16/22
DP0309
4.3
E26F29
13
E26F29A
0-0.5" : 13
1.5-2" : ND
3-3.5" : ND
F26G29-N
16
F26G29-W
16
F26G29-E
31
F26G29
1.3
F26G29-S
23
G26H29
0.42
F25G26
0.015
F24G25
ND
E22F23
1.69
F23G24-N
0.206
F23G24
7.7
F22G23
0.16
F23G24-W
1.36
DP0314
0.11
F23G24-S
1.79/2.59
F23G24-E
0.164
DP0316
0.34
G23H24
0.445
G22H23
5.59
DP0317
1.58
G25H26
0.54

## LEGEND

- D24E25 0.043 — CONCRETE COMPOSITE SAMPLE LOCATION WITH TOTAL PCBs CONCENTRATIONS IN mg/kg
- E22F23 1.69 — CONCRETE SURFACE SAMPLE LOCATION WITH TOTAL PCBs CONCENTRATIONS IN mg/kg
- ≥ 50 (TOTAL PCBs IS IN mg/kg)
- ≥ 1 AND < 50 (TOTAL PCBs IS IN mg/kg)
- ≥ 0.12 AND < 1 (TOTAL PCBs IS IN mg/kg)
- < 0.12 (TOTAL PCBs IS IN mg/kg)
- SOIL BORING WITH ONE OR MORE SAMPLES EXCEEDING THE SOIL REMEDIATION GOAL (SRG) FOR TOTAL PCBs (0.12 mg/kg)
- SI-00x — KNOWN SOIL IMPACT AREA WITH TOTAL PCBs ABOVE THE SRG
- MATERIAL AVAILABLE FOR REUSE (TOTAL PCBs ≤ 0.12 mg/kg)
- EXCEEDS SRG FOR ONE OR MORE CONTAMINANTS (TOTAL PCBs > 0.12 mg/kg AND TOTAL PCBs < 50 mg/kg)
- TSCA WASTE (TOTAL PCBs ≥ 50 mg/kg; APPROXIMATE)
- WILL BE SAMPLED PRIOR TO DEMOLITION IN ACCORDANCE WITH EPA REGION 1 SOP
- ASPHALT
- N005 — BUILDING OUTLINE
- BUILDING COLUMN/ SAMPLING GRID

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. CONCRETE SURFACE SAMPLE DEPTHS ARE 0 - 0.5" UNLESS OTHERWISE NOTED
3. DETECTED CONCENTRATIONS OF INDIVIDUAL AROCLORS WERE SUMMED TO DETERMINE THE TOTAL PCB CONCENTRATION.
4. mg/kg = MILLIGRAMS PER KILOGRAM

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

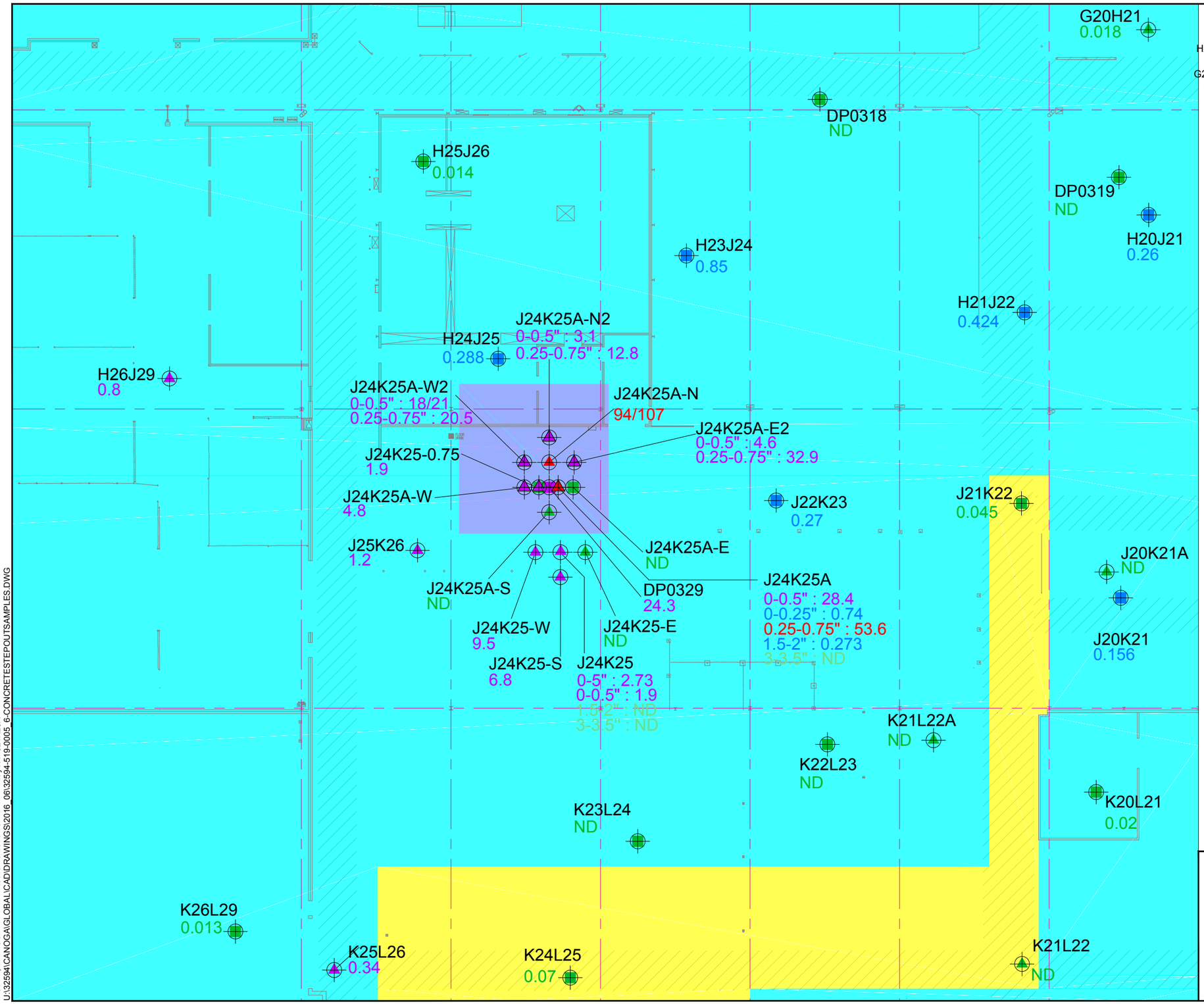
UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE
CANOGA PARK, CALIFORNIA

# CONCRETE STEP-OUT SAMPLE LOCATIONS AROUND E26F29A-N

SCALE: AS SHOWN
JUNE 2016

FIGURE 5

MOBINI, DARIUSH Printed: 6/15/2016 10:16 AM Layout: E26F29A-N
U:\32594\CANOGA\GLOBAL\CAD\DRAWINGS\2016_06\32594-519-0005_6-CONCRETESTEPOUTSAMPLES.DWG




**LEGEND**

- H20J21 0.26 — CONCRETE COMPOSITE SAMPLE LOCATION WITH TOTAL PCBs CONCENTRATIONS IN mg/kg
- G20H21 0.018 — CONCRETE SURFACE SAMPLE LOCATION WITH TOTAL PCBs CONCENTRATIONS IN mg/kg
- ≥ 50 (TOTAL PCBs IS IN mg/kg)
- ≥ 1 AND < 50 (TOTAL PCBs IS IN mg/kg)
- ≥ 0.12 AND < 1 (TOTAL PCBs IS IN mg/kg)
- < 0.12 (TOTAL PCBs IS IN mg/kg)
- SOIL BORING WITH ONE OR MORE SAMPLES EXCEEDING THE SOIL REMEDIATION GOAL (SRG) FOR TOTAL PCBs (0.12 mg/kg)
- SI-00x — KNOWN SOIL IMPACT AREA WITH TOTAL PCBs ABOVE THE SRG
- MATERIAL AVAILABLE FOR REUSE (TOTAL PCBs ≤ 0.12 mg/kg)
- EXCEEDS SRG FOR ONE OR MORE CONTAMINANTS (TOTAL PCBs > 0.12 mg/kg AND TOTAL PCBs < 50 mg/kg)
- TSCA WASTE (TOTAL PCBs ≥ 50 mg/kg; APPROXIMATE)
- WILL BE SAMPLED PRIOR TO DEMOLITION IN ACCORDANCE WITH EPA REGION 1 SOP
- ASPHALT
- BUILDING COLUMN/ SAMPLING GRID

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. CONCRETE SURFACE SAMPLE DEPTHS ARE 0 - 0.5" UNLESS OTHERWISE NOTED
3. DETECTED CONCENTRATIONS OF INDIVIDUAL AROCLORS WERE SUMMED TO DETERMINE THE TOTAL PCB CONCENTRATION.
4. mg/kg = MILLIGRAMS PER KILOGRAM

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

UNITED TECHNOLOGIES CORPORATION
CANOGA AVENUE FACILITY
6633 CANOGA AVENUE
CANOGA PARK, CALIFORNIA

# CONCRETE STEP-OUT SAMPLE LOCATIONS AROUND J24K25A AND J24K25A-N

SCALE: AS SHOWN
JUNE 2016

FIGURE 6

MOBINI, DARIUSH Printed:6/15/2016 10:17 AM Layout: J24K25A
U:\32594\CANOGA\GLOBAL\CAD\DRAWINGS\2016_06\32594-519-0005_6-CONCRETESTEPOUTSAMPLES.DWG

# APPENDIX A

## Laboratory Reports for Concrete Core Samples

Calscience Environmental Laboratories, Inc.

# CALSCIENCE

## WORK ORDER NUMBER: 14-05-1061

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** BGA / 32594-505

**Attention:** Kasra Nikkhah
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 05/28/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

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Work Order Number: 14-05-1061


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Calscience Environmental Laboratories, Inc.

# Work Order Narrative

Work Order: 14-05-1061 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain of Custody (COC) on 05/14/14. They were assigned to Work Order 14-05-1061.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Return to Contents

Calscience Environmental Laboratories, Inc.

# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
PO Number:
Date/Time Received: 05/14/14 13:15
Number of Containers: 30

Attn: Kasra Nikkhah

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| DP-0311 | 14-05-1061-1 | 05/09/14 08:00 | 1 | Concrete |
| DP-0345 | 14-05-1061-2 | 05/12/14 13:33 | 1 | Concrete |
| DP-0329 | 14-05-1061-3 | 05/12/14 12:30 | 1 | Concrete |
| DP-0304 | 14-05-1061-4 | 05/12/14 14:50 | 1 | Concrete |
| DP-0303 | 14-05-1061-5 | 05/12/14 14:53 | 1 | Concrete |
| DP-0346 | 14-05-1061-6 | 05/13/14 08:00 | 1 | Concrete |
| DP-0344 | 14-05-1061-7 | 05/13/14 09:30 | 1 | Concrete |
| DP-0338 | 14-05-1061-8 | 05/13/14 10:45 | 1 | Concrete |
| DP-0339 | 14-05-1061-9 | 05/13/14 10:50 | 1 | Concrete |
| DP-0333 | 14-05-1061-10 | 05/13/14 16:15 | 1 | Concrete |
| DP-0318 | 14-05-1061-11 | 05/07/14 16:05 | 1 | Concrete |
| DP-0317 | 14-05-1061-12 | 05/07/14 07:30 | 1 | Concrete |
| DP-0319 | 14-05-1061-13 | 05/08/14 09:40 | 1 | Concrete |
| DP-0309 | 14-05-1061-14 | 05/08/14 11:00 | 1 | Concrete |
| DP-0308 | 14-05-1061-15 | 05/08/14 15:30 | 1 | Concrete |
| DP-0306 | 14-05-1061-16 | 05/09/14 12:45 | 1 | Concrete |
| DP-0313 | 14-05-1061-17 | 05/09/14 09:00 | 1 | Concrete |
| DP-0314 | 14-05-1061-18 | 05/09/14 10:10 | 1 | Concrete |
| DP-0324 | 14-05-1061-19 | 05/12/14 08:00 | 1 | Concrete |
| DP-0321 | 14-05-1061-20 | 05/12/14 08:43 | 1 | Concrete |
| DP-0334 | 14-05-1061-21 | 05/05/14 11:20 | 1 | Concrete |
| DP-0335 | 14-05-1061-22 | 05/05/14 12:20 | 1 | Concrete |
| DP-0337 | 14-05-1061-23 | 05/05/14 14:40 | 1 | Concrete |
| DP-0340 | 14-05-1061-24 | 05/06/14 08:58 | 1 | Concrete |
| DP-0325 | 14-05-1061-25 | 05/06/14 11:33 | 1 | Concrete |
| DP-0328 | 14-05-1061-26 | 05/06/14 15:45 | 1 | Concrete |
| DP-0330 | 14-05-1061-27 | 05/07/14 07:00 | 1 | Concrete |
| DP-0315 | 14-05-1061-28 | 05/07/14 09:05 | 1 | Concrete |
| DP-0312 | 14-05-1061-29 | 05/07/14 13:34 | 1 | Concrete |
| DP-0310 | 14-05-1061-30 | 05/07/14 14:15 | 1 | Concrete |

Return to Contents

Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0311 (14-05-1061-1) | | | | | | |
| Arsenic | 2.72 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 122 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.299 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.21 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.42 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.2 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.0 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.664 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.54 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 59.8 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| C17-C18 | 110 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 380 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 570 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 980 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1400 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1300 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 550 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 230 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 5600 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1242 | 610 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 1300 | | 500 | ug/kg | EPA 8082 | EPA 3545 |

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* MDL is shown

Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Kasra Nikkhah

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0345 (14-05-1061-2) | | | | | | |
| Arsenic | 1.05 | | 0.714 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.3 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 31.4 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.37 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.2 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 98.8 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 1.94 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.12 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.4 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.2 | | 0.952 | mg/kg | EPA 6010B | EPA 3050B |
| C15-C16 | 79 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 40 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 120 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 160 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 810 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 500 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 200 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 110 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 2100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 64 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 230 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Phenol | 0.69 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0329 (14-05-1061-3) | | | | | | |
| Arsenic | 1.56 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 532 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.270 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.68 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.83 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.7 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.0 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.391 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.04 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 56.6 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 300 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 340 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 40 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 31 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 160 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 97 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 78 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 86 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 91 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 67 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 39 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1300 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 8100 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 13000 | | 2500 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 3200 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Benzyl Alcohol | 110 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 42 | | 25 | mg/kg | EPA 8270C | EPA 3545 |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0304 (14-05-1061-4) | | | | | | |
| Arsenic | 1.48 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 80.6 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.656 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.40 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.32 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.0 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.99 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.584 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.50 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 10.4 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 42.1 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Mercury | 0.0888 | | 0.0833 | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 26 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 24 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1260 | 700 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 11 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0303 (14-05-1061-5) | | | | | | |
| Arsenic | 1.65 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 103 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 1.13 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.75 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.21 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.8 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.60 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.480 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.55 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 10.7 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 57.8 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Mercury | 0.373 | | 0.0820 | mg/kg | EPA 7471A | EPA 7471A Total |
| C25-C28 | 2300 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 110 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 270 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 2900 | | 100 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 370 | | 100 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 280 | | 100 | ug/kg | EPA 8082 | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 9.2 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| DP-0346 (14-05-1061-6) | | | | | | |
| Arsenic | 2.88 | | 0.728 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 125 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.3 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.68 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 269 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.41 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 121 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.2 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.0 | | 0.971 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C21-C22 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 5.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 9.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 9.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 37 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Kasra Nikkhah

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0344 (14-05-1061-7) | | | | | | |
| Arsenic | 1.22 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 646 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.3 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.69 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.6 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.11 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.15 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 39.8 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| C6 | 9.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 320 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 46 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 48 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 9.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 25 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 930 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Benzyl Alcohol | 69 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 25 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0338 (14-05-1061-8) | | | | | | |
| Arsenic | 2.58 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 120 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.275 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 17.5 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.29 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 30.2 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.21 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.40 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.6 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 58.7 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C7 | 14 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C8 | 11 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 87 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 11 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 30 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 45 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 41 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 310 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 390 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 70 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 45 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 21 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 13 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1100 | | 10 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Bis(2-Ethylhexyl) Phthalate | 610 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 610 | | 25 | mg/kg | EPA 8270C | EPA 3545 |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0339 (14-05-1061-9) | | | | | | |
| Arsenic | 1.68 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 123 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.96 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.15 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 37.2 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.84 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.586 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.88 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 23.6 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 63.7 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C19-C20 | 6.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 34 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 54 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 60 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 32 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 220 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 140 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Di-n-Butyl Phthalate | 2.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| DP-0333 (14-05-1061-10) | | | | | | |
| Barium | 108 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.262 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.1 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.92 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 19.7 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.23 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.31 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.7 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.2 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Kasra Nikkhah

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0318 (14-05-1061-11) | | | | | | |
| Arsenic | 2.03 | | 0.743 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 122 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.258 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.60 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.80 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.2 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.4 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.552 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.59 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.7 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 54.7 | | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| C13-C14 | 180 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 430 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 1700 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4100 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 960 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1200 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 690 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 350 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 170 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 56 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 13000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |

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* MDL is shown

Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0317 (14-05-1061-12) | | | | | | |
| Arsenic | 1.23 | | 0.721 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 150 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.251 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.48 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.67 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.0 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.8 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.498 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.59 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.2 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.6 | | 0.962 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 79 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 75 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 180 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 380 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 440 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 730 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 790 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 320 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 140 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 3200 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1200 | | 250 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 380 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Benzyl Alcohol | 110 | ET | 25 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0319 (14-05-1061-13) | | | | | | |
| Arsenic | 1.83 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 312 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.7 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.36 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 12.0 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.54 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.323 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.36 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.2 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 30.3 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 130 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 120 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 150 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 370 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 960 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1300 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 2600 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3100 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 1000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 250 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 12000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Benzyl Alcohol | 41 | ET | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 11 | ET | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Kasra Nikkhah

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0309 (14-05-1061-14) | | | | | | |
| Arsenic | 2.18 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 131 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.3 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.93 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.3 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.36 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.479 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.57 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 23.5 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 61.8 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 5.1 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 6.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 25 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 43 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 50 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 42 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 41 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 53 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 52 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 20 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 350 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 4300 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Ethylbenzene | 5.8 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Methylene Chloride | 89 | | 52 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 29 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 23 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Phenol | 16 | ET | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Kasra Nikkhah

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0308 (14-05-1061-15) | | | | | | |
| Arsenic | 1.55 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 110 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.314 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.2 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.30 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.5 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.4 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.409 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.04 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.8 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 58.0 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| C11-C12 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 260 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 190 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 86 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 39 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 39 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1500 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 160 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| 3/4-Methylphenol | 0.51 | ET | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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## Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0306 (14-05-1061-16) | | | | | | |
| C6 | 10 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 190 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 310 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 25 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 26 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 63 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 41 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 17 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 17 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 27 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 21 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 14 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 770 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| n-Butylbenzene | 5100 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 830 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 19000 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1500 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 15000 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1600 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 35 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 18 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0313 (14-05-1061-17) | | | | | | |
| Arsenic | 2.77 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 89.0 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.71 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.71 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.46 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.45 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.264 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.06 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.2 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.6 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| C6 | 56 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C8 | 120 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 85 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 160 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 840 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 520 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 830 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1600 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3300 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 1600 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 540 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 12000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 340 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 780 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 430 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Benzyl Alcohol | 73 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 4.3 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0314 (14-05-1061-18) | | | | | | |
| Arsenic | 2.13 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 137 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.300 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.555 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 13.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.67 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 10.5 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.77 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.333 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.19 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.3 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 32.0 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 180 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 72 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 230 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 550 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 790 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2100 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 1200 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 580 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 210 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 7500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 110 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Benzyl Alcohol | 130 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0324 (14-05-1061-19) | | | | | | |
| Arsenic | 8.18 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 295 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.07 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.52 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 7.41 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.58 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.337 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 27.1 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 40.4 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 34.8 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 17 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 74 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 7.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 47 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 59 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 520 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| n-Butylbenzene | 6200 | | 520 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 1300 | | 520 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 20000 | | 5200 | ug/kg | EPA 8260B | EPA 5030C |
| Styrene | 1000 | | 520 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 770 | | 520 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 2800 | | 520 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 46 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 16 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Kasra Nikkhah

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0321 (14-05-1061-20) | | | | | | |
| Arsenic | 1.85 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 102 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.2 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.78 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 20.2 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.93 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.268 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.75 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.9 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 56.4 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C6-C44 Total | 7.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| 3/4-Methylphenol | 1.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.78 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0334 (14-05-1061-21) | | | | | | |
| Arsenic | 2.53 | | 0.732 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 119 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.254 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 15.2 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.81 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.36 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.13 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.346 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.03 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.2 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 29.7 | | 0.976 | mg/kg | EPA 6010B | EPA 3050B |
| C15-C16 | 57 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 120 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 230 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 250 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 260 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 420 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 340 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 130 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 43 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1900 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 280 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Benzyl Alcohol | 53 | ET | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 16 | ET | 2.5 | mg/kg | EPA 8270C | EPA 3545 |

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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0335 (14-05-1061-22) | | | | | | |
| Arsenic | 2.08 | | 0.714 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 409 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.52 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.62 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.9 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.72 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 6.37 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.42 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.7 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.4 | | 0.952 | mg/kg | EPA 6010B | EPA 3050B |
| C9-C10 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 22 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 25 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 31 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 610 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1242 | 990 | ET | 50 | ug/kg | EPA 8082 | EPA 3545 |
| n-Butylbenzene | 5100 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 940 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 17000 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 710 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1700 | | 510 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 55 | ET | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 18 | ET | 5.0 | mg/kg | EPA 8270C | EPA 3545 |

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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0337 (14-05-1061-23) | | | | | | |
| Arsenic | 0.927 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 116 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.247 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 16.6 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.00 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.01 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.89 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.954 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.42 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 25.3 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 43.1 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| C6 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 85 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 39 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 26 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 6.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 41 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 7.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 510 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| n-Butylbenzene | 5600 | | 500 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 770 | | 500 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 18000 | | 5000 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 4500 | | 500 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 33 | ET | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 11 | ET | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 19 | ET | 5.0 | mg/kg | EPA 8270C | EPA 3545 |

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|---|---|---|---|---|---|---|
| DP-0340 (14-05-1061-24) | | | | | | |
| Arsenic | 2.29 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 110 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 1.58 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.40 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.55 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.0 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.02 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 12.4 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 4.52 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.2 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.2 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| C21-C22 | 99 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 210 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 930 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3700 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2900 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 630 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 210 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 8700 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 360 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 160 | | 130 | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 60 | | 51 | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 8.9 | ET | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.61 | ET | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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|---|---|---|---|---|---|---|
| DP-0325 (14-05-1061-25) | | | | | | |
| Arsenic | 1.88 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 88.2 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.253 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.06 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.37 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.8 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 16.0 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.916 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.52 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.3 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 57.4 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| C19-C20 | 8.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 30 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 47 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 86 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 98 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 66 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 390 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 71 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 75 | | 50 | ug/kg | EPA 8082 | EPA 3545 |

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|---|---|---|---|---|---|---|
| DP-0328 (14-05-1061-26) | | | | | | |
| Arsenic | 1.13 | | 0.743 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 114 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.283 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.06 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.70 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.8 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.62 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.435 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.07 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.1 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 49.2 | | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| C17-C18 | 230 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 460 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 860 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1800 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1800 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 1100 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 460 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 160 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 7900 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 450 | | 50 | ug/kg | EPA 8082 | EPA 3545 |

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|---|---|---|---|---|---|---|
| DP-0330 (14-05-1061-27) | | | | | | |
| Arsenic | 1.23 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 97.0 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.260 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.08 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.70 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 20.1 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.98 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.501 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.13 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.9 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| C17-C18 | 380 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 730 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 1200 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1100 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 720 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 340 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 50 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 7600 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 430 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 1600 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 3.8 | ET | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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|---|---|---|---|---|---|---|
| DP-0315 (14-05-1061-28) | | | | | | |
| Arsenic | 1.45 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 125 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.285 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.62 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.03 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 32.7 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.8 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.430 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.61 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 25.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 57.8 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| C17-C18 | 330 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 820 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 1600 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 2600 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2100 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 1500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 570 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 72 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 11000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 97 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 590 | | 50 | ug/kg | EPA 8082 | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0312 (14-05-1061-29) | | | | | | |
| Arsenic | 1.22 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 91.9 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.254 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.50 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.33 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.7 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.8 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.753 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.86 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 58.4 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| C17-C18 | 190 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 390 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 660 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 640 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1000 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 710 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 280 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 78 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 5000 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 74 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 490 | | 50 | ug/kg | EPA 8082 | EPA 3545 |

Return to Contents

* MDL is shown

Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-505
Received: 05/14/14

Attn: Kasra Nikkhah



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0310 (14-05-1061-30) | | | | | | |
| Arsenic | 1.39 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 114 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.264 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.37 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.55 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.4 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.0 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.511 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.28 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.4 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 58.8 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| C17-C18 | 88 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 200 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 390 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 520 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 920 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1200 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 530 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 170 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 4100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 950 | | 50 | ug/kg | EPA 8082 | EPA 3545 |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0346** | **14-05-1061-6-A** | **05/13/14 08:00** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:22** | **140516L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 3000 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0344** | **14-05-1061-7-A** | **05/13/14 09:30** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:29** | **140516L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0338** | **14-05-1061-8-A** | **05/13/14 10:45** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:35** | **140516L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0339** | **14-05-1061-9-A** | **05/13/14 10:50** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:42** | **140516L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0333** | **14-05-1061-10-A** | **05/13/14 16:15** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:48** | **140516L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2300 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:55** | **140516L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 12:01** | **140516L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 12:08** | **140516L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1400 | 400 | 10.0 | |

| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 12:14** | **140516L01P** |
|---|---|---|---|---|---|---|---|

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| **Method Blank** | **099-05-125-2658** | **N/A** | **Solid** | **IC 11** | **05/16/14** | **05/17/14 11:09** | **140516L01P** |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 16:26** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 100 | 20.0 | |
| C7 | ND | 100 | 20.0 | |
| C8 | ND | 100 | 20.0 | |
| C9-C10 | ND | 100 | 20.0 | |
| C11-C12 | ND | 100 | 20.0 | |
| C13-C14 | ND | 100 | 20.0 | |
| C15-C16 | ND | 100 | 20.0 | |
| C17-C18 | 110 | 100 | 20.0 | |
| C19-C20 | 380 | 100 | 20.0 | |
| C21-C22 | 570 | 100 | 20.0 | |
| C23-C24 | 980 | 100 | 20.0 | |
| C25-C28 | 1400 | 100 | 20.0 | |
| C29-C32 | 1300 | 100 | 20.0 | |
| C33-C36 | 550 | 100 | 20.0 | |
| C37-C40 | 230 | 100 | 20.0 | |
| C41-C44 | ND | 100 | 20.0 | |
| C6-C44 Total | 5600 | 100 | 20.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 112 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0345** | **14-05-1061-2-A** | **05/12/14 13:33** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 17:17** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 4.97 | |
| C7 | ND | 25 | 4.97 | |
| C8 | ND | 25 | 4.97 | |
| C9-C10 | ND | 25 | 4.97 | |
| C11-C12 | ND | 25 | 4.97 | |
| C13-C14 | ND | 25 | 4.97 | |
| C15-C16 | 79 | 25 | 4.97 | |
| C17-C18 | ND | 25 | 4.97 | |
| C19-C20 | 40 | 25 | 4.97 | |
| C21-C22 | 120 | 25 | 4.97 | |
| C23-C24 | 160 | 25 | 4.97 | |
| C25-C28 | 810 | 25 | 4.97 | |
| C29-C32 | 500 | 25 | 4.97 | |
| C33-C36 | 200 | 25 | 4.97 | |
| C37-C40 | 110 | 25 | 4.97 | |
| C41-C44 | ND | 25 | 4.97 | |
| C6-C44 Total | 2100 | 25 | 4.97 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 17:35** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 5.00 | |
| C7 | ND | 25 | 5.00 | |
| C8 | ND | 25 | 5.00 | |
| C9-C10 | 300 | 25 | 5.00 | |
| C11-C12 | 340 | 25 | 5.00 | |
| C13-C14 | 40 | 25 | 5.00 | |
| C15-C16 | 31 | 25 | 5.00 | |
| C17-C18 | 160 | 25 | 5.00 | |
| C19-C20 | 97 | 25 | 5.00 | |
| C21-C22 | 78 | 25 | 5.00 | |
| C23-C24 | 86 | 25 | 5.00 | |
| C25-C28 | 91 | 25 | 5.00 | |
| C29-C32 | 67 | 25 | 5.00 | |
| C33-C36 | 39 | 25 | 5.00 | |
| C37-C40 | ND | 25 | 5.00 | |
| C41-C44 | ND | 25 | 5.00 | |
| C6-C44 Total | 1300 | 25 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 74 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0304** | **14-05-1061-4-A** | **05/12/14 14:50** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 18:29** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 0.999 | |
| C7 | ND | 5.0 | 0.999 | |
| C8 | ND | 5.0 | 0.999 | |
| C9-C10 | ND | 5.0 | 0.999 | |
| C11-C12 | ND | 5.0 | 0.999 | |
| C13-C14 | ND | 5.0 | 0.999 | |
| C15-C16 | ND | 5.0 | 0.999 | |
| C17-C18 | ND | 5.0 | 0.999 | |
| C19-C20 | 16 | 5.0 | 0.999 | |
| C21-C22 | 23 | 5.0 | 0.999 | |
| C23-C24 | 26 | 5.0 | 0.999 | |
| C25-C28 | 42 | 5.0 | 0.999 | |
| C29-C32 | 24 | 5.0 | 0.999 | |
| C33-C36 | 11 | 5.0 | 0.999 | |
| C37-C40 | ND | 5.0 | 0.999 | |
| C41-C44 | ND | 5.0 | 0.999 | |
| C6-C44 Total | 150 | 5.0 | 0.999 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0303** | **14-05-1061-5-A** | **05/12/14 14:53** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 18:47** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 100 | 20.0 | |
| C7 | ND | 100 | 20.0 | |
| C8 | ND | 100 | 20.0 | |
| C9-C10 | ND | 100 | 20.0 | |
| C11-C12 | ND | 100 | 20.0 | |
| C13-C14 | ND | 100 | 20.0 | |
| C15-C16 | ND | 100 | 20.0 | |
| C17-C18 | ND | 100 | 20.0 | |
| C19-C20 | ND | 100 | 20.0 | |
| C21-C22 | ND | 100 | 20.0 | |
| C23-C24 | ND | 100 | 20.0 | |
| C25-C28 | 2300 | 100 | 20.0 | |
| C29-C32 | 110 | 100 | 20.0 | |
| C33-C36 | 270 | 100 | 20.0 | |
| C37-C40 | ND | 100 | 20.0 | |
| C41-C44 | ND | 100 | 20.0 | |
| C6-C44 Total | 2900 | 100 | 20.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0346** | **14-05-1061-6-A** | **05/13/14 08:00** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 14:18** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.00 | |
| C21-C22 | 5.1 | 5.0 | 1.00 | |
| C23-C24 | 5.8 | 5.0 | 1.00 | |
| C25-C28 | 9.9 | 5.0 | 1.00 | |
| C29-C32 | 9.2 | 5.0 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | 37 | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 96 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0344** | **14-05-1061-7-A** | **05/13/14 09:30** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 17:53** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | 9.2 | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | 290 | 5.0 | 1.00 | |
| C11-C12 | 320 | 5.0 | 1.00 | |
| C13-C14 | 46 | 5.0 | 1.00 | |
| C15-C16 | 33 | 5.0 | 1.00 | |
| C17-C18 | 100 | 5.0 | 1.00 | |
| C19-C20 | 48 | 5.0 | 1.00 | |
| C21-C22 | 9.5 | 5.0 | 1.00 | |
| C23-C24 | 13 | 5.0 | 1.00 | |
| C25-C28 | 16 | 5.0 | 1.00 | |
| C29-C32 | 14 | 5.0 | 1.00 | |
| C33-C36 | 25 | 5.0 | 1.00 | |
| C37-C40 | 6.0 | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | 930 | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 98 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0338** | **14-05-1061-8-A** | **05/13/14 10:45** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 14:37** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 10 | 2.00 | |
| C7 | 14 | 10 | 2.00 | |
| C8 | 11 | 10 | 2.00 | |
| C9-C10 | 87 | 10 | 2.00 | |
| C11-C12 | 11 | 10 | 2.00 | |
| C13-C14 | ND | 10 | 2.00 | |
| C15-C16 | ND | 10 | 2.00 | |
| C17-C18 | 30 | 10 | 2.00 | |
| C19-C20 | 45 | 10 | 2.00 | |
| C21-C22 | 41 | 10 | 2.00 | |
| C23-C24 | 310 | 10 | 2.00 | |
| C25-C28 | 390 | 10 | 2.00 | |
| C29-C32 | 70 | 10 | 2.00 | |
| C33-C36 | 45 | 10 | 2.00 | |
| C37-C40 | 21 | 10 | 2.00 | |
| C41-C44 | 13 | 10 | 2.00 | |
| C6-C44 Total | 1100 | 10 | 2.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 85 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0339** | **14-05-1061-9-A** | **05/13/14 10:50** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 19:21** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | 6.4 | 5.0 | 1.00 | |
| C21-C22 | 19 | 5.0 | 1.00 | |
| C23-C24 | 34 | 5.0 | 1.00 | |
| C25-C28 | 54 | 5.0 | 1.00 | |
| C29-C32 | 60 | 5.0 | 1.00 | |
| C33-C36 | 32 | 5.0 | 1.00 | |
| C37-C40 | 9.0 | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | 220 | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0333** | **14-05-1061-10-A** | **05/13/14 16:15** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 19:39** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 84 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0318** | **14-05-1061-11-A** | **05/07/14 16:05** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 14:55** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 10.0 | |
| C7 | ND | 50 | 10.0 | |
| C8 | ND | 50 | 10.0 | |
| C9-C10 | ND | 50 | 10.0 | |
| C11-C12 | ND | 50 | 10.0 | |
| C13-C14 | 180 | 50 | 10.0 | |
| C15-C16 | 430 | 50 | 10.0 | |
| C17-C18 | 1700 | 50 | 10.0 | |
| C19-C20 | 3000 | 50 | 10.0 | |
| C21-C22 | 4100 | 50 | 10.0 | |
| C23-C24 | 960 | 50 | 10.0 | |
| C25-C28 | 1200 | 50 | 10.0 | |
| C29-C32 | 690 | 50 | 10.0 | |
| C33-C36 | 350 | 50 | 10.0 | |
| C37-C40 | 170 | 50 | 10.0 | |
| C41-C44 | 56 | 50 | 10.0 | |
| C6-C44 Total | 13000 | 50 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 102 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 15:13** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 5.00 | |
| C7 | ND | 25 | 5.00 | |
| C8 | ND | 25 | 5.00 | |
| C9-C10 | 79 | 25 | 5.00 | |
| C11-C12 | ND | 25 | 5.00 | |
| C13-C14 | ND | 25 | 5.00 | |
| C15-C16 | ND | 25 | 5.00 | |
| C17-C18 | 75 | 25 | 5.00 | |
| C19-C20 | 180 | 25 | 5.00 | |
| C21-C22 | 380 | 25 | 5.00 | |
| C23-C24 | 440 | 25 | 5.00 | |
| C25-C28 | 730 | 25 | 5.00 | |
| C29-C32 | 790 | 25 | 5.00 | |
| C33-C36 | 320 | 25 | 5.00 | |
| C37-C40 | 140 | 25 | 5.00 | |
| C41-C44 | ND | 25 | 5.00 | |
| C6-C44 Total | 3200 | 25 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 95 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0319** | **14-05-1061-13-A** | **05/08/14 09:40** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 15:30** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 9.96 | |
| C7 | ND | 50 | 9.96 | |
| C8 | ND | 50 | 9.96 | |
| C9-C10 | 130 | 50 | 9.96 | |
| C11-C12 | 120 | 50 | 9.96 | |
| C13-C14 | ND | 50 | 9.96 | |
| C15-C16 | ND | 50 | 9.96 | |
| C17-C18 | 150 | 50 | 9.96 | |
| C19-C20 | 370 | 50 | 9.96 | |
| C21-C22 | 960 | 50 | 9.96 | |
| C23-C24 | 1300 | 50 | 9.96 | |
| C25-C28 | 2600 | 50 | 9.96 | |
| C29-C32 | 3100 | 50 | 9.96 | |
| C33-C36 | 2000 | 50 | 9.96 | |
| C37-C40 | 1000 | 50 | 9.96 | |
| C41-C44 | 250 | 50 | 9.96 | |
| C6-C44 Total | 12000 | 50 | 9.96 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 97 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 21:08** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 4.9 | 0.980 | |
| C7 | ND | 4.9 | 0.980 | |
| C8 | ND | 4.9 | 0.980 | |
| C9-C10 | 5.1 | 4.9 | 0.980 | |
| C11-C12 | ND | 4.9 | 0.980 | |
| C13-C14 | ND | 4.9 | 0.980 | |
| C15-C16 | 6.0 | 4.9 | 0.980 | |
| C17-C18 | 11 | 4.9 | 0.980 | |
| C19-C20 | 25 | 4.9 | 0.980 | |
| C21-C22 | 43 | 4.9 | 0.980 | |
| C23-C24 | 50 | 4.9 | 0.980 | |
| C25-C28 | 42 | 4.9 | 0.980 | |
| C29-C32 | 41 | 4.9 | 0.980 | |
| C33-C36 | 53 | 4.9 | 0.980 | |
| C37-C40 | 52 | 4.9 | 0.980 | |
| C41-C44 | 20 | 4.9 | 0.980 | |
| C6-C44 Total | 350 | 4.9 | 0.980 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 78 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0308** | **14-05-1061-15-A** | **05/08/14 15:30** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 21:25** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 0.997 | |
| C7 | ND | 5.0 | 0.997 | |
| C8 | ND | 5.0 | 0.997 | |
| C9-C10 | ND | 5.0 | 0.997 | |
| C11-C12 | 42 | 5.0 | 0.997 | |
| C13-C14 | 260 | 5.0 | 0.997 | |
| C15-C16 | 290 | 5.0 | 0.997 | |
| C17-C18 | 190 | 5.0 | 0.997 | |
| C19-C20 | 150 | 5.0 | 0.997 | |
| C21-C22 | 150 | 5.0 | 0.997 | |
| C23-C24 | 130 | 5.0 | 0.997 | |
| C25-C28 | 150 | 5.0 | 0.997 | |
| C29-C32 | 86 | 5.0 | 0.997 | |
| C33-C36 | 39 | 5.0 | 0.997 | |
| C37-C40 | 39 | 5.0 | 0.997 | |
| C41-C44 | 7.3 | 5.0 | 0.997 | |
| C6-C44 Total | 1500 | 5.0 | 0.997 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 80 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0306** | **14-05-1061-16-A** | **05/09/14 12:45** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 21:42** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | 10 | 4.9 | 0.980 | |
| C7 | ND | 4.9 | 0.980 | |
| C8 | ND | 4.9 | 0.980 | |
| C9-C10 | 190 | 4.9 | 0.980 | |
| C11-C12 | 310 | 4.9 | 0.980 | |
| C13-C14 | 25 | 4.9 | 0.980 | |
| C15-C16 | 26 | 4.9 | 0.980 | |
| C17-C18 | 63 | 4.9 | 0.980 | |
| C19-C20 | 41 | 4.9 | 0.980 | |
| C21-C22 | 11 | 4.9 | 0.980 | |
| C23-C24 | 17 | 4.9 | 0.980 | |
| C25-C28 | 17 | 4.9 | 0.980 | |
| C29-C32 | 27 | 4.9 | 0.980 | |
| C33-C36 | 21 | 4.9 | 0.980 | |
| C37-C40 | 14 | 4.9 | 0.980 | |
| C41-C44 | ND | 4.9 | 0.980 | |
| C6-C44 Total | 770 | 4.9 | 0.980 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 70 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0313** | **14-05-1061-17-A** | **05/09/14 09:00** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 15:47** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | 56 | 50 | 10.0 | |
| C7 | ND | 50 | 10.0 | |
| C8 | 120 | 50 | 10.0 | |
| C9-C10 | 85 | 50 | 10.0 | |
| C11-C12 | ND | 50 | 10.0 | |
| C13-C14 | ND | 50 | 10.0 | |
| C15-C16 | ND | 50 | 10.0 | |
| C17-C18 | 160 | 50 | 10.0 | |
| C19-C20 | 840 | 50 | 10.0 | |
| C21-C22 | 520 | 50 | 10.0 | |
| C23-C24 | 830 | 50 | 10.0 | |
| C25-C28 | 1600 | 50 | 10.0 | |
| C29-C32 | 3300 | 50 | 10.0 | |
| C33-C36 | 2500 | 50 | 10.0 | |
| C37-C40 | 1600 | 50 | 10.0 | |
| C41-C44 | 540 | 50 | 10.0 | |
| C6-C44 Total | 12000 | 50 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 92 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0314** | **14-05-1061-18-A** | **05/09/14 10:10** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 16:04** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 9.97 | |
| C7 | ND | 50 | 9.97 | |
| C8 | ND | 50 | 9.97 | |
| C9-C10 | 180 | 50 | 9.97 | |
| C11-C12 | ND | 50 | 9.97 | |
| C13-C14 | ND | 50 | 9.97 | |
| C15-C16 | ND | 50 | 9.97 | |
| C17-C18 | 72 | 50 | 9.97 | |
| C19-C20 | 230 | 50 | 9.97 | |
| C21-C22 | 550 | 50 | 9.97 | |
| C23-C24 | 790 | 50 | 9.97 | |
| C25-C28 | 1500 | 50 | 9.97 | |
| C29-C32 | 2100 | 50 | 9.97 | |
| C33-C36 | 1200 | 50 | 9.97 | |
| C37-C40 | 580 | 50 | 9.97 | |
| C41-C44 | 210 | 50 | 9.97 | |
| C6-C44 Total | 7500 | 50 | 9.97 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 22:36** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | 100 | 5.0 | 1.00 | |
| C11-C12 | 120 | 5.0 | 1.00 | |
| C13-C14 | 20 | 5.0 | 1.00 | |
| C15-C16 | 17 | 5.0 | 1.00 | |
| C17-C18 | 74 | 5.0 | 1.00 | |
| C19-C20 | 27 | 5.0 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.00 | |
| C23-C24 | 6.4 | 5.0 | 1.00 | |
| C25-C28 | 7.8 | 5.0 | 1.00 | |
| C29-C32 | 16 | 5.0 | 1.00 | |
| C33-C36 | 47 | 5.0 | 1.00 | |
| C37-C40 | 59 | 5.0 | 1.00 | |
| C41-C44 | 19 | 5.0 | 1.00 | |
| C6-C44 Total | 520 | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 83 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 22:54** | **140516B01** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | 7.0 | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 79 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0334** | **14-05-1061-21-A** | **05/05/14 11:20** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 16:21** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 4.95 | |
| C7 | ND | 25 | 4.95 | |
| C8 | ND | 25 | 4.95 | |
| C9-C10 | ND | 25 | 4.95 | |
| C11-C12 | ND | 25 | 4.95 | |
| C13-C14 | ND | 25 | 4.95 | |
| C15-C16 | 57 | 25 | 4.95 | |
| C17-C18 | 120 | 25 | 4.95 | |
| C19-C20 | 230 | 25 | 4.95 | |
| C21-C22 | 250 | 25 | 4.95 | |
| C23-C24 | 260 | 25 | 4.95 | |
| C25-C28 | 420 | 25 | 4.95 | |
| C29-C32 | 340 | 25 | 4.95 | |
| C33-C36 | 130 | 25 | 4.95 | |
| C37-C40 | 43 | 25 | 4.95 | |
| C41-C44 | ND | 25 | 4.95 | |
| C6-C44 Total | 1900 | 25 | 4.95 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 100 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **GC 46** | **05/16/14** | **05/17/14 00:56** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 0.998 | |
| C7 | ND | 5.0 | 0.998 | |
| C8 | ND | 5.0 | 0.998 | |
| C9-C10 | 130 | 5.0 | 0.998 | |
| C11-C12 | 130 | 5.0 | 0.998 | |
| C13-C14 | 18 | 5.0 | 0.998 | |
| C15-C16 | 22 | 5.0 | 0.998 | |
| C17-C18 | 150 | 5.0 | 0.998 | |
| C19-C20 | 27 | 5.0 | 0.998 | |
| C21-C22 | 14 | 5.0 | 0.998 | |
| C23-C24 | 18 | 5.0 | 0.998 | |
| C25-C28 | 25 | 5.0 | 0.998 | |
| C29-C32 | 31 | 5.0 | 0.998 | |
| C33-C36 | 21 | 5.0 | 0.998 | |
| C37-C40 | 18 | 5.0 | 0.998 | |
| C41-C44 | ND | 5.0 | 0.998 | |
| C6-C44 Total | 610 | 5.0 | 0.998 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 74 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **GC 46** | **05/16/14** | **05/17/14 01:13** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | 16 | 5.0 | 0.990 | |
| C7 | ND | 5.0 | 0.990 | |
| C8 | ND | 5.0 | 0.990 | |
| C9-C10 | 85 | 5.0 | 0.990 | |
| C11-C12 | 120 | 5.0 | 0.990 | |
| C13-C14 | 21 | 5.0 | 0.990 | |
| C15-C16 | 39 | 5.0 | 0.990 | |
| C17-C18 | 110 | 5.0 | 0.990 | |
| C19-C20 | 26 | 5.0 | 0.990 | |
| C21-C22 | 6.6 | 5.0 | 0.990 | |
| C23-C24 | 41 | 5.0 | 0.990 | |
| C25-C28 | 7.0 | 5.0 | 0.990 | |
| C29-C32 | 13 | 5.0 | 0.990 | |
| C33-C36 | 12 | 5.0 | 0.990 | |
| C37-C40 | 5.1 | 5.0 | 0.990 | |
| C41-C44 | ND | 5.0 | 0.990 | |
| C6-C44 Total | 510 | 5.0 | 0.990 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 81 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 16:40** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 10.0 | |
| C7 | ND | 50 | 10.0 | |
| C8 | ND | 50 | 10.0 | |
| C9-C10 | ND | 50 | 10.0 | |
| C11-C12 | ND | 50 | 10.0 | |
| C13-C14 | ND | 50 | 10.0 | |
| C15-C16 | ND | 50 | 10.0 | |
| C17-C18 | ND | 50 | 10.0 | |
| C19-C20 | ND | 50 | 10.0 | |
| C21-C22 | 99 | 50 | 10.0 | |
| C23-C24 | 210 | 50 | 10.0 | |
| C25-C28 | 930 | 50 | 10.0 | |
| C29-C32 | 3700 | 50 | 10.0 | |
| C33-C36 | 2900 | 50 | 10.0 | |
| C37-C40 | 630 | 50 | 10.0 | |
| C41-C44 | 210 | 50 | 10.0 | |
| C6-C44 Total | 8700 | 50 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 83 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0325** | **14-05-1061-25-A** | **05/06/14 11:33** | **Concrete** | **GC 46** | **05/16/14** | **05/17/14 01:49** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 0.990 | |
| C7 | ND | 5.0 | 0.990 | |
| C8 | ND | 5.0 | 0.990 | |
| C9-C10 | ND | 5.0 | 0.990 | |
| C11-C12 | ND | 5.0 | 0.990 | |
| C13-C14 | ND | 5.0 | 0.990 | |
| C15-C16 | ND | 5.0 | 0.990 | |
| C17-C18 | ND | 5.0 | 0.990 | |
| C19-C20 | 8.7 | 5.0 | 0.990 | |
| C21-C22 | 30 | 5.0 | 0.990 | |
| C23-C24 | 47 | 5.0 | 0.990 | |
| C25-C28 | 86 | 5.0 | 0.990 | |
| C29-C32 | 98 | 5.0 | 0.990 | |
| C33-C36 | 66 | 5.0 | 0.990 | |
| C37-C40 | 42 | 5.0 | 0.990 | |
| C41-C44 | 9.0 | 5.0 | 0.990 | |
| C6-C44 Total | 390 | 5.0 | 0.990 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0328** | **14-05-1061-26-A** | **05/06/14 15:45** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 16:58** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 10.0 | |
| C7 | ND | 50 | 10.0 | |
| C8 | ND | 50 | 10.0 | |
| C9-C10 | ND | 50 | 10.0 | |
| C11-C12 | ND | 50 | 10.0 | |
| C13-C14 | ND | 50 | 10.0 | |
| C15-C16 | ND | 50 | 10.0 | |
| C17-C18 | 230 | 50 | 10.0 | |
| C19-C20 | 460 | 50 | 10.0 | |
| C21-C22 | 860 | 50 | 10.0 | |
| C23-C24 | 1000 | 50 | 10.0 | |
| C25-C28 | 1800 | 50 | 10.0 | |
| C29-C32 | 1800 | 50 | 10.0 | |
| C33-C36 | 1100 | 50 | 10.0 | |
| C37-C40 | 460 | 50 | 10.0 | |
| C41-C44 | 160 | 50 | 10.0 | |
| C6-C44 Total | 7900 | 50 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 17:32** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 9.90 | |
| C7 | ND | 50 | 9.90 | |
| C8 | ND | 50 | 9.90 | |
| C9-C10 | ND | 50 | 9.90 | |
| C11-C12 | ND | 50 | 9.90 | |
| C13-C14 | ND | 50 | 9.90 | |
| C15-C16 | ND | 50 | 9.90 | |
| C17-C18 | 380 | 50 | 9.90 | |
| C19-C20 | 730 | 50 | 9.90 | |
| C21-C22 | 1200 | 50 | 9.90 | |
| C23-C24 | 1100 | 50 | 9.90 | |
| C25-C28 | 1500 | 50 | 9.90 | |
| C29-C32 | 1500 | 50 | 9.90 | |
| C33-C36 | 720 | 50 | 9.90 | |
| C37-C40 | 340 | 50 | 9.90 | |
| C41-C44 | 50 | 50 | 9.90 | |
| C6-C44 Total | 7600 | 50 | 9.90 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 98 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0315** | **14-05-1061-28-A** | **05/07/14 09:05** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 17:49** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 50 | 9.90 | |
| C7 | ND | 50 | 9.90 | |
| C8 | ND | 50 | 9.90 | |
| C9-C10 | ND | 50 | 9.90 | |
| C11-C12 | ND | 50 | 9.90 | |
| C13-C14 | ND | 50 | 9.90 | |
| C15-C16 | ND | 50 | 9.90 | |
| C17-C18 | 330 | 50 | 9.90 | |
| C19-C20 | 820 | 50 | 9.90 | |
| C21-C22 | 1600 | 50 | 9.90 | |
| C23-C24 | 1500 | 50 | 9.90 | |
| C25-C28 | 2600 | 50 | 9.90 | |
| C29-C32 | 2100 | 50 | 9.90 | |
| C33-C36 | 1500 | 50 | 9.90 | |
| C37-C40 | 570 | 50 | 9.90 | |
| C41-C44 | 72 | 50 | 9.90 | |
| C6-C44 Total | 11000 | 50 | 9.90 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0312** | **14-05-1061-29-A** | **05/07/14 13:34** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 18:07** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 4.90 | |
| C7 | ND | 25 | 4.90 | |
| C8 | ND | 25 | 4.90 | |
| C9-C10 | ND | 25 | 4.90 | |
| C11-C12 | ND | 25 | 4.90 | |
| C13-C14 | ND | 25 | 4.90 | |
| C15-C16 | ND | 25 | 4.90 | |
| C17-C18 | 190 | 25 | 4.90 | |
| C19-C20 | 390 | 25 | 4.90 | |
| C21-C22 | 660 | 25 | 4.90 | |
| C23-C24 | 640 | 25 | 4.90 | |
| C25-C28 | 1000 | 25 | 4.90 | |
| C29-C32 | 1100 | 25 | 4.90 | |
| C33-C36 | 710 | 25 | 4.90 | |
| C37-C40 | 280 | 25 | 4.90 | |
| C41-C44 | 78 | 25 | 4.90 | |
| C6-C44 Total | 5000 | 25 | 4.90 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 88 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0310** | **14-05-1061-30-A** | **05/07/14 14:15** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 18:25** | **140516B02** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 5.01 | |
| C7 | ND | 25 | 5.01 | |
| C8 | ND | 25 | 5.01 | |
| C9-C10 | ND | 25 | 5.01 | |
| C11-C12 | ND | 25 | 5.01 | |
| C13-C14 | ND | 25 | 5.01 | |
| C15-C16 | ND | 25 | 5.01 | |
| C17-C18 | 88 | 25 | 5.01 | |
| C19-C20 | 200 | 25 | 5.01 | |
| C21-C22 | 390 | 25 | 5.01 | |
| C23-C24 | 520 | 25 | 5.01 | |
| C25-C28 | 920 | 25 | 5.01 | |
| C29-C32 | 1200 | 25 | 5.01 | |
| C33-C36 | 530 | 25 | 5.01 | |
| C37-C40 | 170 | 25 | 5.01 | |
| C41-C44 | ND | 25 | 5.01 | |
| C6-C44 Total | 4100 | 25 | 5.01 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-919** | **N/A** | **Solid** | **GC 46** | **05/16/14** | **05/16/14 14:39** | **140516B01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-918** | **N/A** | **Solid** | **GC 46** | **05/16/14** | **05/16/14 23:28** | **140516B02** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 88 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:38** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | 2.72 | 0.750 | 1.00 | |
| Barium | 122 | 0.500 | 1.00 | |
| Beryllium | 0.299 | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | 8.21 | 0.250 | 1.00 | |
| Cobalt | 5.42 | 0.250 | 1.00 | |
| Copper | 27.2 | 0.500 | 1.00 | |
| Lead | 15.0 | 0.500 | 1.00 | |
| Molybdenum | 0.664 | 0.250 | 1.00 | |
| Nickel | 7.54 | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | 21.5 | 0.250 | 1.00 | |
| Zinc | 59.8 | 1.00 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0345** | **14-05-1061-2-A** | **05/12/14 13:33** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:39** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.714 | 0.952 | |
| Arsenic | 1.05 | 0.714 | 0.952 | |
| Barium | 92.3 | 0.476 | 0.952 | |
| Beryllium | ND | 0.238 | 0.952 | |
| Cadmium | ND | 0.476 | 0.952 | |
| Chromium | 31.4 | 0.238 | 0.952 | |
| Cobalt | 5.37 | 0.238 | 0.952 | |
| Copper | 24.2 | 0.476 | 0.952 | |
| Lead | 98.8 | 0.476 | 0.952 | |
| Molybdenum | 1.94 | 0.238 | 0.952 | |
| Nickel | 7.12 | 0.238 | 0.952 | |
| Selenium | ND | 0.714 | 0.952 | |
| Silver | ND | 0.238 | 0.952 | |
| Thallium | ND | 0.714 | 0.952 | |
| Vanadium | 19.4 | 0.238 | 0.952 | |
| Zinc | 48.2 | 0.952 | 0.952 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:45** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.761 | 1.02 | |
| Arsenic | 1.56 | 0.761 | 1.02 | |
| Barium | 532 | 0.508 | 1.02 | |
| Beryllium | 0.270 | 0.254 | 1.02 | |
| Cadmium | ND | 0.508 | 1.02 | |
| Chromium | 6.68 | 0.254 | 1.02 | |
| Cobalt | 3.83 | 0.254 | 1.02 | |
| Copper | 23.7 | 0.508 | 1.02 | |
| Lead | 11.0 | 0.508 | 1.02 | |
| Molybdenum | 0.391 | 0.254 | 1.02 | |
| Nickel | 6.04 | 0.254 | 1.02 | |
| Selenium | ND | 0.761 | 1.02 | |
| Silver | ND | 0.254 | 1.02 | |
| Thallium | ND | 0.761 | 1.02 | |
| Vanadium | 18.9 | 0.254 | 1.02 | |
| Zinc | 56.6 | 1.02 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0304** | **14-05-1061-4-A** | **05/12/14 14:50** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:46** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.758 | 1.01 | |
| Arsenic | 1.48 | 0.758 | 1.01 | |
| Barium | 80.6 | 0.505 | 1.01 | |
| Beryllium | ND | 0.253 | 1.01 | |
| Cadmium | 0.656 | 0.505 | 1.01 | |
| Chromium | 7.40 | 0.253 | 1.01 | |
| Cobalt | 2.32 | 0.253 | 1.01 | |
| Copper | 28.0 | 0.505 | 1.01 | |
| Lead | 8.99 | 0.505 | 1.01 | |
| Molybdenum | 0.584 | 0.253 | 1.01 | |
| Nickel | 5.50 | 0.253 | 1.01 | |
| Selenium | ND | 0.758 | 1.01 | |
| Silver | ND | 0.253 | 1.01 | |
| Thallium | ND | 0.758 | 1.01 | |
| Vanadium | 10.4 | 0.253 | 1.01 | |
| Zinc | 42.1 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0303** | **14-05-1061-5-A** | **05/12/14 14:53** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:47** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.765 | 1.02 | |
| Arsenic | 1.65 | 0.765 | 1.02 | |
| Barium | 103 | 0.510 | 1.02 | |
| Beryllium | ND | 0.255 | 1.02 | |
| Cadmium | 1.13 | 0.510 | 1.02 | |
| Chromium | 7.75 | 0.255 | 1.02 | |
| Cobalt | 2.21 | 0.255 | 1.02 | |
| Copper | 24.8 | 0.510 | 1.02 | |
| Lead | 8.60 | 0.510 | 1.02 | |
| Molybdenum | 0.480 | 0.255 | 1.02 | |
| Nickel | 5.55 | 0.255 | 1.02 | |
| Selenium | ND | 0.765 | 1.02 | |
| Silver | ND | 0.255 | 1.02 | |
| Thallium | ND | 0.765 | 1.02 | |
| Vanadium | 10.7 | 0.255 | 1.02 | |
| Zinc | 57.8 | 1.02 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0346** | **14-05-1061-6-A** | **05/13/14 08:00** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:49** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.728 | 0.971 | |
| Arsenic | 2.88 | 0.728 | 0.971 | |
| Barium | 125 | 0.485 | 0.971 | |
| Beryllium | ND | 0.243 | 0.971 | |
| Cadmium | ND | 0.485 | 0.971 | |
| Chromium | 11.3 | 0.243 | 0.971 | |
| Cobalt | 4.68 | 0.243 | 0.971 | |
| Copper | 269 | 0.485 | 0.971 | |
| Lead | 1.41 | 0.485 | 0.971 | |
| Molybdenum | ND | 0.243 | 0.971 | |
| Nickel | 121 | 0.243 | 0.971 | |
| Selenium | ND | 0.728 | 0.971 | |
| Silver | ND | 0.243 | 0.971 | |
| Thallium | ND | 0.728 | 0.971 | |
| Vanadium | 20.2 | 0.243 | 0.971 | |
| Zinc | 41.0 | 0.971 | 0.971 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0344** | **14-05-1061-7-A** | **05/13/14 09:30** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:50** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.761 | 1.02 | |
| Arsenic | 1.22 | 0.761 | 1.02 | |
| Barium | 646 | 0.508 | 1.02 | |
| Beryllium | ND | 0.254 | 1.02 | |
| Cadmium | ND | 0.508 | 1.02 | |
| Chromium | 10.3 | 0.254 | 1.02 | |
| Cobalt | 3.69 | 0.254 | 1.02 | |
| Copper | 11.6 | 0.508 | 1.02 | |
| Lead | 1.11 | 0.508 | 1.02 | |
| Molybdenum | ND | 0.254 | 1.02 | |
| Nickel | 5.15 | 0.254 | 1.02 | |
| Selenium | ND | 0.761 | 1.02 | |
| Silver | ND | 0.254 | 1.02 | |
| Thallium | ND | 0.761 | 1.02 | |
| Vanadium | 18.9 | 0.254 | 1.02 | |
| Zinc | 39.8 | 1.02 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0338** | **14-05-1061-8-A** | **05/13/14 10:45** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:51** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.995 | |
| Arsenic | 2.58 | 0.746 | 0.995 | |
| Barium | 120 | 0.498 | 0.995 | |
| Beryllium | 0.275 | 0.249 | 0.995 | |
| Cadmium | ND | 0.498 | 0.995 | |
| Chromium | 17.5 | 0.249 | 0.995 | |
| Cobalt | 5.29 | 0.249 | 0.995 | |
| Copper | 30.2 | 0.498 | 0.995 | |
| Lead | 2.21 | 0.498 | 0.995 | |
| Molybdenum | ND | 0.249 | 0.995 | |
| Nickel | 7.40 | 0.249 | 0.995 | |
| Selenium | ND | 0.746 | 0.995 | |
| Silver | ND | 0.249 | 0.995 | |
| Thallium | ND | 0.746 | 0.995 | |
| Vanadium | 19.6 | 0.249 | 0.995 | |
| Zinc | 58.7 | 0.995 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0339** | **14-05-1061-9-A** | **05/13/14 10:50** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:52** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.777 | 1.04 | |
| Arsenic | 1.68 | 0.777 | 1.04 | |
| Barium | 123 | 0.518 | 1.04 | |
| Beryllium | ND | 0.259 | 1.04 | |
| Cadmium | ND | 0.518 | 1.04 | |
| Chromium | 8.96 | 0.259 | 1.04 | |
| Cobalt | 6.15 | 0.259 | 1.04 | |
| Copper | 37.2 | 0.518 | 1.04 | |
| Lead | 1.84 | 0.518 | 1.04 | |
| Molybdenum | 0.586 | 0.259 | 1.04 | |
| Nickel | 5.88 | 0.259 | 1.04 | |
| Selenium | ND | 0.777 | 1.04 | |
| Silver | ND | 0.259 | 1.04 | |
| Thallium | ND | 0.777 | 1.04 | |
| Vanadium | 23.6 | 0.259 | 1.04 | |
| Zinc | 63.7 | 1.04 | 1.04 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0333** | **14-05-1061-10-A** | **05/13/14 16:15** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:54** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | ND | 0.735 | 0.980 | |
| Barium | 108 | 0.490 | 0.980 | |
| Beryllium | 0.262 | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 11.1 | 0.245 | 0.980 | |
| Cobalt | 4.92 | 0.245 | 0.980 | |
| Copper | 19.7 | 0.490 | 0.980 | |
| Lead | 5.23 | 0.490 | 0.980 | |
| Molybdenum | ND | 0.245 | 0.980 | |
| Nickel | 7.31 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 22.7 | 0.245 | 0.980 | |
| Zinc | 41.2 | 0.980 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0318** | **14-05-1061-11-A** | **05/07/14 16:05** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:55** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.990 | |
| Arsenic | 2.03 | 0.743 | 0.990 | |
| Barium | 122 | 0.495 | 0.990 | |
| Beryllium | 0.258 | 0.248 | 0.990 | |
| Cadmium | ND | 0.495 | 0.990 | |
| Chromium | 8.60 | 0.248 | 0.990 | |
| Cobalt | 4.80 | 0.248 | 0.990 | |
| Copper | 25.2 | 0.495 | 0.990 | |
| Lead | 10.4 | 0.495 | 0.990 | |
| Molybdenum | 0.552 | 0.248 | 0.990 | |
| Nickel | 7.59 | 0.248 | 0.990 | |
| Selenium | ND | 0.743 | 0.990 | |
| Silver | ND | 0.248 | 0.990 | |
| Thallium | ND | 0.743 | 0.990 | |
| Vanadium | 19.7 | 0.248 | 0.990 | |
| Zinc | 54.7 | 0.990 | 0.990 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:56** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.721 | 0.962 | |
| Arsenic | 1.23 | 0.721 | 0.962 | |
| Barium | 150 | 0.481 | 0.962 | |
| Beryllium | 0.251 | 0.240 | 0.962 | |
| Cadmium | ND | 0.481 | 0.962 | |
| Chromium | 7.48 | 0.240 | 0.962 | |
| Cobalt | 4.67 | 0.240 | 0.962 | |
| Copper | 24.0 | 0.481 | 0.962 | |
| Lead | 10.8 | 0.481 | 0.962 | |
| Molybdenum | 0.498 | 0.240 | 0.962 | |
| Nickel | 7.59 | 0.240 | 0.962 | |
| Selenium | ND | 0.721 | 0.962 | |
| Silver | ND | 0.240 | 0.962 | |
| Thallium | ND | 0.721 | 0.962 | |
| Vanadium | 18.2 | 0.240 | 0.962 | |
| Zinc | 52.6 | 0.962 | 0.962 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0319** | **14-05-1061-13-A** | **05/08/14 09:40** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:02** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | 1.83 | 0.735 | 0.980 | |
| Barium | 312 | 0.490 | 0.980 | |
| Beryllium | ND | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 11.7 | 0.245 | 0.980 | |
| Cobalt | 4.36 | 0.245 | 0.980 | |
| Copper | 12.0 | 0.490 | 0.980 | |
| Lead | 2.54 | 0.490 | 0.980 | |
| Molybdenum | 0.323 | 0.245 | 0.980 | |
| Nickel | 6.36 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 20.2 | 0.245 | 0.980 | |
| Zinc | 30.3 | 0.980 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:03** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.995 | |
| Arsenic | 2.18 | 0.746 | 0.995 | |
| Barium | 131 | 0.498 | 0.995 | |
| Beryllium | ND | 0.249 | 0.995 | |
| Cadmium | ND | 0.498 | 0.995 | |
| Chromium | 11.3 | 0.249 | 0.995 | |
| Cobalt | 6.93 | 0.249 | 0.995 | |
| Copper | 26.3 | 0.498 | 0.995 | |
| Lead | 9.36 | 0.498 | 0.995 | |
| Molybdenum | 0.479 | 0.249 | 0.995 | |
| Nickel | 7.57 | 0.249 | 0.995 | |
| Selenium | ND | 0.746 | 0.995 | |
| Silver | ND | 0.249 | 0.995 | |
| Thallium | ND | 0.746 | 0.995 | |
| Vanadium | 23.5 | 0.249 | 0.995 | |
| Zinc | 61.8 | 0.995 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0308** | **14-05-1061-15-A** | **05/08/14 15:30** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:04** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.765 | 1.02 | |
| Arsenic | 1.55 | 0.765 | 1.02 | |
| Barium | 110 | 0.510 | 1.02 | |
| Beryllium | 0.314 | 0.255 | 1.02 | |
| Cadmium | ND | 0.510 | 1.02 | |
| Chromium | 10.2 | 0.255 | 1.02 | |
| Cobalt | 5.30 | 0.255 | 1.02 | |
| Copper | 26.5 | 0.510 | 1.02 | |
| Lead | 14.4 | 0.510 | 1.02 | |
| Molybdenum | 0.409 | 0.255 | 1.02 | |
| Nickel | 8.04 | 0.255 | 1.02 | |
| Selenium | ND | 0.765 | 1.02 | |
| Silver | ND | 0.255 | 1.02 | |
| Thallium | ND | 0.765 | 1.02 | |
| Vanadium | 21.8 | 0.255 | 1.02 | |
| Zinc | 58.0 | 1.02 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0313** | **14-05-1061-17-A** | **05/09/14 09:00** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:05** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.995 | |
| Arsenic | 2.77 | 0.746 | 0.995 | |
| Barium | 89.0 | 0.498 | 0.995 | |
| Beryllium | ND | 0.249 | 0.995 | |
| Cadmium | ND | 0.498 | 0.995 | |
| Chromium | 9.71 | 0.249 | 0.995 | |
| Cobalt | 4.71 | 0.249 | 0.995 | |
| Copper | 9.46 | 0.498 | 0.995 | |
| Lead | 5.45 | 0.498 | 0.995 | |
| Molybdenum | 0.264 | 0.249 | 0.995 | |
| Nickel | 6.06 | 0.249 | 0.995 | |
| Selenium | ND | 0.746 | 0.995 | |
| Silver | ND | 0.249 | 0.995 | |
| Thallium | ND | 0.746 | 0.995 | |
| Vanadium | 19.2 | 0.249 | 0.995 | |
| Zinc | 44.6 | 0.995 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0314** | **14-05-1061-18-A** | **05/09/14 10:10** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:07** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.758 | 1.01 | |
| Arsenic | 2.13 | 0.758 | 1.01 | |
| Barium | 137 | 0.505 | 1.01 | |
| Beryllium | 0.300 | 0.253 | 1.01 | |
| Cadmium | 0.555 | 0.505 | 1.01 | |
| Chromium | 13.5 | 0.253 | 1.01 | |
| Cobalt | 4.67 | 0.253 | 1.01 | |
| Copper | 10.5 | 0.505 | 1.01 | |
| Lead | 2.77 | 0.505 | 1.01 | |
| Molybdenum | 0.333 | 0.253 | 1.01 | |
| Nickel | 7.19 | 0.253 | 1.01 | |
| Selenium | ND | 0.758 | 1.01 | |
| Silver | ND | 0.253 | 1.01 | |
| Thallium | ND | 0.758 | 1.01 | |
| Vanadium | 20.3 | 0.253 | 1.01 | |
| Zinc | 32.0 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:08** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.758 | 1.01 | |
| Arsenic | 8.18 | 0.758 | 1.01 | |
| Barium | 295 | 0.505 | 1.01 | |
| Beryllium | ND | 0.253 | 1.01 | |
| Cadmium | ND | 0.505 | 1.01 | |
| Chromium | 9.07 | 0.253 | 1.01 | |
| Cobalt | 4.52 | 0.253 | 1.01 | |
| Copper | 7.41 | 0.505 | 1.01 | |
| Lead | 3.58 | 0.505 | 1.01 | |
| Molybdenum | 0.337 | 0.253 | 1.01 | |
| Nickel | 27.1 | 0.253 | 1.01 | |
| Selenium | ND | 0.758 | 1.01 | |
| Silver | ND | 0.253 | 1.01 | |
| Thallium | ND | 0.758 | 1.01 | |
| Vanadium | 40.4 | 0.253 | 1.01 | |
| Zinc | 34.8 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:09** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.761 | 1.02 | |
| Arsenic | 1.85 | 0.761 | 1.02 | |
| Barium | 102 | 0.508 | 1.02 | |
| Beryllium | ND | 0.254 | 1.02 | |
| Cadmium | ND | 0.508 | 1.02 | |
| Chromium | 12.2 | 0.254 | 1.02 | |
| Cobalt | 4.78 | 0.254 | 1.02 | |
| Copper | 20.2 | 0.508 | 1.02 | |
| Lead | 7.93 | 0.508 | 1.02 | |
| Molybdenum | 0.268 | 0.254 | 1.02 | |
| Nickel | 7.75 | 0.254 | 1.02 | |
| Selenium | ND | 0.761 | 1.02 | |
| Silver | ND | 0.254 | 1.02 | |
| Thallium | ND | 0.761 | 1.02 | |
| Vanadium | 20.9 | 0.254 | 1.02 | |
| Zinc | 56.4 | 1.02 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0334** | **14-05-1061-21-A** | **05/05/14 11:20** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:10** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.976 | |
| Arsenic | 2.53 | 0.732 | 0.976 | |
| Barium | 119 | 0.488 | 0.976 | |
| Beryllium | 0.254 | 0.244 | 0.976 | |
| Cadmium | ND | 0.488 | 0.976 | |
| Chromium | 15.2 | 0.244 | 0.976 | |
| Cobalt | 4.81 | 0.244 | 0.976 | |
| Copper | 8.36 | 0.488 | 0.976 | |
| Lead | 3.13 | 0.488 | 0.976 | |
| Molybdenum | 0.346 | 0.244 | 0.976 | |
| Nickel | 7.03 | 0.244 | 0.976 | |
| Selenium | ND | 0.732 | 0.976 | |
| Silver | ND | 0.244 | 0.976 | |
| Thallium | ND | 0.732 | 0.976 | |
| Vanadium | 21.2 | 0.244 | 0.976 | |
| Zinc | 29.7 | 0.976 | 0.976 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:11** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.714 | 0.952 | |
| Arsenic | 2.08 | 0.714 | 0.952 | |
| Barium | 409 | 0.476 | 0.952 | |
| Beryllium | ND | 0.238 | 0.952 | |
| Cadmium | ND | 0.476 | 0.952 | |
| Chromium | 8.52 | 0.238 | 0.952 | |
| Cobalt | 4.62 | 0.238 | 0.952 | |
| Copper | 21.9 | 0.476 | 0.952 | |
| Lead | 4.72 | 0.476 | 0.952 | |
| Molybdenum | 6.37 | 0.238 | 0.952 | |
| Nickel | 8.42 | 0.238 | 0.952 | |
| Selenium | ND | 0.714 | 0.952 | |
| Silver | ND | 0.238 | 0.952 | |
| Thallium | ND | 0.714 | 0.952 | |
| Vanadium | 20.7 | 0.238 | 0.952 | |
| Zinc | 52.4 | 0.952 | 0.952 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:12** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | 0.927 | 0.735 | 0.980 | |
| Barium | 116 | 0.490 | 0.980 | |
| Beryllium | 0.247 | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 16.6 | 0.245 | 0.980 | |
| Cobalt | 4.00 | 0.245 | 0.980 | |
| Copper | 9.01 | 0.490 | 0.980 | |
| Lead | 2.89 | 0.490 | 0.980 | |
| Molybdenum | 0.954 | 0.245 | 0.980 | |
| Nickel | 7.42 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 25.3 | 0.245 | 0.980 | |
| Zinc | 43.1 | 0.980 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:18** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.761 | 1.02 | |
| Arsenic | 2.29 | 0.761 | 1.02 | |
| Barium | 110 | 0.508 | 1.02 | |
| Beryllium | ND | 0.254 | 1.02 | |
| Cadmium | 1.58 | 0.508 | 1.02 | |
| Chromium | 8.40 | 0.254 | 1.02 | |
| Cobalt | 4.55 | 0.254 | 1.02 | |
| Copper | 16.0 | 0.508 | 1.02 | |
| Lead | 4.02 | 0.508 | 1.02 | |
| Molybdenum | ND | 0.254 | 1.02 | |
| Nickel | 12.4 | 0.254 | 1.02 | |
| Selenium | ND | 0.761 | 1.02 | |
| Silver | 4.52 | 0.254 | 1.02 | |
| Thallium | ND | 0.761 | 1.02 | |
| Vanadium | 21.2 | 0.254 | 1.02 | |
| Zinc | 53.2 | 1.02 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0325** | **14-05-1061-25-A** | **05/06/14 11:33** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:19** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.754 | 1.01 | |
| Arsenic | 1.88 | 0.754 | 1.01 | |
| Barium | 88.2 | 0.503 | 1.01 | |
| Beryllium | 0.253 | 0.251 | 1.01 | |
| Cadmium | ND | 0.503 | 1.01 | |
| Chromium | 7.06 | 0.251 | 1.01 | |
| Cobalt | 4.37 | 0.251 | 1.01 | |
| Copper | 26.8 | 0.503 | 1.01 | |
| Lead | 16.0 | 0.503 | 1.01 | |
| Molybdenum | 0.916 | 0.251 | 1.01 | |
| Nickel | 6.52 | 0.251 | 1.01 | |
| Selenium | ND | 0.754 | 1.01 | |
| Silver | ND | 0.251 | 1.01 | |
| Thallium | ND | 0.754 | 1.01 | |
| Vanadium | 16.3 | 0.251 | 1.01 | |
| Zinc | 57.4 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0328** | **14-05-1061-26-A** | **05/06/14 15:45** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:20** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.990 | |
| Arsenic | 1.13 | 0.743 | 0.990 | |
| Barium | 114 | 0.495 | 0.990 | |
| Beryllium | 0.283 | 0.248 | 0.990 | |
| Cadmium | ND | 0.495 | 0.990 | |
| Chromium | 8.06 | 0.248 | 0.990 | |
| Cobalt | 4.70 | 0.248 | 0.990 | |
| Copper | 23.8 | 0.495 | 0.990 | |
| Lead | 7.62 | 0.495 | 0.990 | |
| Molybdenum | 0.435 | 0.248 | 0.990 | |
| Nickel | 6.07 | 0.248 | 0.990 | |
| Selenium | ND | 0.743 | 0.990 | |
| Silver | ND | 0.248 | 0.990 | |
| Thallium | ND | 0.743 | 0.990 | |
| Vanadium | 20.1 | 0.248 | 0.990 | |
| Zinc | 49.2 | 0.990 | 0.990 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:22** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.758 | 1.01 | |
| Arsenic | 1.23 | 0.758 | 1.01 | |
| Barium | 97.0 | 0.505 | 1.01 | |
| Beryllium | 0.260 | 0.253 | 1.01 | |
| Cadmium | ND | 0.505 | 1.01 | |
| Chromium | 8.08 | 0.253 | 1.01 | |
| Cobalt | 4.70 | 0.253 | 1.01 | |
| Copper | 20.1 | 0.505 | 1.01 | |
| Lead | 7.98 | 0.505 | 1.01 | |
| Molybdenum | 0.501 | 0.253 | 1.01 | |
| Nickel | 8.13 | 0.253 | 1.01 | |
| Selenium | ND | 0.758 | 1.01 | |
| Silver | ND | 0.253 | 1.01 | |
| Thallium | ND | 0.758 | 1.01 | |
| Vanadium | 17.4 | 0.253 | 1.01 | |
| Zinc | 48.9 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0315** | **14-05-1061-28-A** | **05/07/14 09:05** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:23** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | 1.45 | 0.750 | 1.00 | |
| Barium | 125 | 0.500 | 1.00 | |
| Beryllium | 0.285 | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | 9.62 | 0.250 | 1.00 | |
| Cobalt | 6.03 | 0.250 | 1.00 | |
| Copper | 32.7 | 0.500 | 1.00 | |
| Lead | 11.8 | 0.500 | 1.00 | |
| Molybdenum | 0.430 | 0.250 | 1.00 | |
| Nickel | 8.61 | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | 25.5 | 0.250 | 1.00 | |
| Zinc | 57.8 | 1.00 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0312** | **14-05-1061-29-A** | **05/07/14 13:34** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:24** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | 1.22 | 0.735 | 0.980 | |
| Barium | 91.9 | 0.490 | 0.980 | |
| Beryllium | 0.254 | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 7.50 | 0.245 | 0.980 | |
| Cobalt | 4.33 | 0.245 | 0.980 | |
| Copper | 28.7 | 0.490 | 0.980 | |
| Lead | 14.8 | 0.490 | 0.980 | |
| Molybdenum | 0.753 | 0.245 | 0.980 | |
| Nickel | 6.86 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 16.9 | 0.245 | 0.980 | |
| Zinc | 58.4 | 0.980 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0310** | **14-05-1061-30-A** | **05/07/14 14:15** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 22:25** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.758 | 1.01 | |
| Arsenic | 1.39 | 0.758 | 1.01 | |
| Barium | 114 | 0.505 | 1.01 | |
| Beryllium | 0.264 | 0.253 | 1.01 | |
| Cadmium | ND | 0.505 | 1.01 | |
| Chromium | 7.37 | 0.253 | 1.01 | |
| Cobalt | 5.55 | 0.253 | 1.01 | |
| Copper | 27.4 | 0.505 | 1.01 | |
| Lead | 15.0 | 0.505 | 1.01 | |
| Molybdenum | 0.511 | 0.253 | 1.01 | |
| Nickel | 7.28 | 0.253 | 1.01 | |
| Selenium | ND | 0.758 | 1.01 | |
| Silver | ND | 0.253 | 1.01 | |
| Thallium | ND | 0.758 | 1.01 | |
| Vanadium | 20.4 | 0.253 | 1.01 | |
| Zinc | 58.8 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18398** | **N/A** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 20:57** | **140519L03** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | ND | 0.750 | 1.00 | |
| Barium | ND | 0.500 | 1.00 | |
| Beryllium | ND | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | ND | 0.250 | 1.00 | |
| Cobalt | ND | 0.250 | 1.00 | |
| Copper | ND | 0.500 | 1.00 | |
| Lead | ND | 0.500 | 1.00 | |
| Molybdenum | ND | 0.250 | 1.00 | |
| Nickel | ND | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | ND | 0.250 | 1.00 | |
| Zinc | ND | 1.00 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18397** | **N/A** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 19:25** | **140519L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | ND | 0.750 | 1.00 | |
| Barium | ND | 0.500 | 1.00 | |
| Beryllium | ND | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | ND | 0.250 | 1.00 | |
| Cobalt | ND | 0.250 | 1.00 | |
| Copper | ND | 0.500 | 1.00 | |
| Lead | ND | 0.500 | 1.00 | |
| Molybdenum | ND | 0.250 | 1.00 | |
| Nickel | ND | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | ND | 0.250 | 1.00 | |
| Zinc | ND | 1.00 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 18:47** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0345** | **14-05-1061-2-A** | **05/12/14 13:33** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 18:54** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:00** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0304** | **14-05-1061-4-A** | **05/12/14 14:50** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:03** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | 0.0888 | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0303** | **14-05-1061-5-A** | **05/12/14 14:53** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:05** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | 0.373 | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0346** | **14-05-1061-6-A** | **05/13/14 08:00** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:07** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0344** | **14-05-1061-7-A** | **05/13/14 09:30** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:09** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0338** | **14-05-1061-8-A** | **05/13/14 10:45** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:12** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0806 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0339** | **14-05-1061-9-A** | **05/13/14 10:50** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:14** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0333** | **14-05-1061-10-A** | **05/13/14 16:15** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:16** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0847 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0318** | **14-05-1061-11-A** | **05/07/14 16:05** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:18** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:21** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0806 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0319** | **14-05-1061-13-A** | **05/08/14 09:40** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:27** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0794 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:30** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0794 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0308** | **14-05-1061-15-A** | **05/08/14 15:30** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:32** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0806 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0313** | **14-05-1061-17-A** | **05/09/14 09:00** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:34** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0314** | **14-05-1061-18-A** | **05/09/14 10:10** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:36** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:38** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0806 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:41** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0334** | **14-05-1061-21-A** | **05/05/14 11:20** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:43** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:45** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:47** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:54** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0862 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0325** | **14-05-1061-25-A** | **05/06/14 11:33** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:56** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0328** | **14-05-1061-26-A** | **05/06/14 15:45** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 19:59** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 20:01** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0315** | **14-05-1061-28-A** | **05/07/14 09:05** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 20:03** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0847 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0312** | **14-05-1061-29-A** | **05/07/14 13:34** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 20:05** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0847 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0310** | **14-05-1061-30-A** | **05/07/14 14:15** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 20:08** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-272-238** | **N/A** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 15:29** | **140519L07** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-272-239** | **N/A** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 18:36** | **140519L08** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 20:49** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | 610 | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 13:39** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1254 | 1300 | 500 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 88 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0345** | **14-05-1061-2-A** | **05/12/14 13:33** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 21:07** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 64 | 50 | 1.00 | |
| Aroclor-1254 | 230 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 14:15** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 10.0 | |
| Aroclor-1221 | ND | 500 | 10.0 | |
| Aroclor-1232 | ND | 500 | 10.0 | |
| Aroclor-1242 | ND | 500 | 10.0 | |
| Aroclor-1248 | 8100 | 500 | 10.0 | |
| Aroclor-1260 | 3200 | 500 | 10.0 | |
| Aroclor-1262 | ND | 500 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 13:57** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1254 | 13000 | 2500 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 176 | 24-168 | 1,2,7 |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0304** | **14-05-1061-4-A** | **05/12/14 14:50** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 21:43** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | 700 | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0303** | **14-05-1061-5-A** | **05/12/14 14:53** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 14:33** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 100 | 2.00 | |
| Aroclor-1221 | ND | 100 | 2.00 | |
| Aroclor-1232 | ND | 100 | 2.00 | |
| Aroclor-1242 | ND | 100 | 2.00 | |
| Aroclor-1248 | ND | 100 | 2.00 | |
| Aroclor-1254 | 370 | 100 | 2.00 | |
| Aroclor-1260 | 280 | 100 | 2.00 | |
| Aroclor-1262 | ND | 100 | 2.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 84 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0346** | **14-05-1061-6-A** | **05/13/14 08:00** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 22:19** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0344** | **14-05-1061-7-A** | **05/13/14 09:30** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 22:37** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0338** | **14-05-1061-8-A** | **05/13/14 10:45** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 23:13** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0339** | **14-05-1061-9-A** | **05/13/14 10:50** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 23:31** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | 140 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0333** | **14-05-1061-10-A** | **05/13/14 16:15** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 23:49** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 92 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0318** | **14-05-1061-11-A** | **05/07/14 16:05** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 00:07** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 64 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 00:25** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1260 | 380 | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 105 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 14:51** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1254 | 1200 | 250 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0319** | **14-05-1061-13-A** | **05/08/14 09:40** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 00:43** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 88 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 01:01** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 108 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 15:09** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1254 | 4300 | 500 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0308** | **14-05-1061-15-A** | **05/08/14 15:30** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 01:19** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | 160 | 50 | 1.00 | |
| Aroclor-1260 | 100 | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 78 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0313** | **14-05-1061-17-A** | **05/09/14 09:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 01:37** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 340 | 50 | 1.00 | |
| Aroclor-1254 | 780 | 50 | 1.00 | |
| Aroclor-1260 | 430 | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0314** | **14-05-1061-18-A** | **05/09/14 10:10** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 01:55** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | 110 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 86 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 02:13** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **GC 31** | **05/21/14** | **05/22/14 17:05** | **140521L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0334** | **14-05-1061-21-A** | **05/05/14 11:20** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 02:49** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | 280 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **GC 31** | **05/21/14** | **05/22/14 17:24** | **140521L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | ET |
| Aroclor-1221 | ND | 50 | 1.00 | ET |
| Aroclor-1232 | ND | 50 | 1.00 | ET |
| Aroclor-1242 | 990 | 50 | 1.00 | ET |
| Aroclor-1248 | ND | 50 | 1.00 | ET |
| Aroclor-1254 | ND | 50 | 1.00 | ET |
| Aroclor-1260 | ND | 50 | 1.00 | ET |
| Aroclor-1262 | ND | 50 | 1.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 03:24** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 93 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 03:43** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 100 | 50 | 1.00 | |
| Aroclor-1254 | 360 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 77 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0325** | **14-05-1061-25-A** | **05/06/14 11:33** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 04:00** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | 71 | 50 | 1.00 | |
| Aroclor-1260 | 75 | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0328** | **14-05-1061-26-A** | **05/06/14 15:45** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 04:18** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 130 | 50 | 1.00 | |
| Aroclor-1254 | 450 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 04:36** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 430 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 136 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 73 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 15:27** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1254 | 1600 | 500 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 76 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 72 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0315** | **14-05-1061-28-A** | **05/07/14 09:05** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 04:54** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 97 | 50 | 1.00 | |
| Aroclor-1254 | 590 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 84 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0312** | **14-05-1061-29-A** | **05/07/14 13:34** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 05:30** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | 74 | 50 | 1.00 | |
| Aroclor-1254 | 490 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 83 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0310** | **14-05-1061-30-A** | **05/07/14 14:15** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 05:48** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | 950 | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2631** | **N/A** | **Solid** | **GC 58** | **05/17/14** | **05/20/14 18:43** | **140517L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 107 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2632** | **N/A** | **Solid** | **GC 58** | **05/17/14** | **05/20/14 19:19** | **140517L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 112 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2637** | **N/A** | **Solid** | **GC 31** | **05/21/14** | **05/22/14 16:27** | **140521L13** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 13:18** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | ND | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 82 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 3 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 4 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 77 | 33-123 | |
| p-Terphenyl-d14 | 109 | 27-159 | |
| Phenol-d6 | 40 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0345** | **14-05-1061-2-A** | **05/12/14 13:33** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/27/14 13:42** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | 0.69 | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 6 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 7 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 51 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 15:28** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 25 | 50.0 | |
| Acenaphthylene | ND | 25 | 50.0 | |
| Aniline | ND | 25 | 50.0 | |
| Anthracene | ND | 25 | 50.0 | |
| Azobenzene | ND | 25 | 50.0 | |
| Benzidine | ND | 500 | 50.0 | |
| Benzo (a) Anthracene | ND | 25 | 50.0 | |
| Benzo (a) Pyrene | ND | 25 | 50.0 | |
| Benzo (b) Fluoranthene | ND | 25 | 50.0 | |
| Benzo (g,h,i) Perylene | ND | 25 | 50.0 | |
| Benzo (k) Fluoranthene | ND | 25 | 50.0 | |
| Benzoic Acid | ND | 120 | 50.0 | |
| Benzyl Alcohol | 110 | 25 | 50.0 | |
| Bis(2-Chloroethoxy) Methane | ND | 25 | 50.0 | |
| Bis(2-Chloroethyl) Ether | ND | 120 | 50.0 | |
| Bis(2-Chloroisopropyl) Ether | ND | 25 | 50.0 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 25 | 50.0 | |
| 4-Bromophenyl-Phenyl Ether | ND | 25 | 50.0 | |
| Butyl Benzyl Phthalate | ND | 25 | 50.0 | |
| 4-Chloro-3-Methylphenol | ND | 25 | 50.0 | |
| 4-Chloroaniline | ND | 25 | 50.0 | |
| 2-Chloronaphthalene | ND | 25 | 50.0 | |
| 2-Chlorophenol | ND | 25 | 50.0 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 25 | 50.0 | |
| Chrysene | ND | 25 | 50.0 | |
| Di-n-Butyl Phthalate | ND | 25 | 50.0 | |
| Di-n-Octyl Phthalate | ND | 25 | 50.0 | |
| Dibenz (a,h) Anthracene | ND | 25 | 50.0 | |
| Dibenzofuran | ND | 25 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 25 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 25 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 25 | 50.0 | |
| 3,3'-Dichlorobenzidine | ND | 500 | 50.0 | |
| 2,4-Dichlorophenol | ND | 25 | 50.0 | |
| Diethyl Phthalate | ND | 25 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 25 | 50.0 | |
| 2,4-Dimethylphenol | ND | 25 | 50.0 | |
| 4,6-Dinitro-2-Methylphenol | ND | 120 | 50.0 | |
| 2,4-Dinitrophenol | ND | 120 | 50.0 | |
| 2,4-Dinitrotoluene | ND | 25 | 50.0 | |
| 2,6-Dinitrotoluene | ND | 25 | 50.0 | |
| Fluoranthene | ND | 25 | 50.0 | |
| Fluorene | ND | 25 | 50.0 | |
| Hexachloro-1,3-Butadiene | ND | 25 | 50.0 | |
| Hexachlorobenzene | ND | 25 | 50.0 | |
| Hexachlorocyclopentadiene | ND | 120 | 50.0 | |
| Hexachloroethane | ND | 25 | 50.0 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 25 | 50.0 | |
| Isophorone | ND | 25 | 50.0 | |
| 2-Methylnaphthalene | ND | 25 | 50.0 | |
| 1-Methylnaphthalene | ND | 25 | 50.0 | |
| 2-Methylphenol | ND | 25 | 50.0 | |
| 3/4-Methylphenol | ND | 25 | 50.0 | |
| N-Nitroso-di-n-propylamine | ND | 25 | 50.0 | |
| N-Nitrosodimethylamine | ND | 25 | 50.0 | |
| N-Nitrosodiphenylamine | ND | 25 | 50.0 | |
| Naphthalene | 42 | 25 | 50.0 | |
| 4-Nitroaniline | ND | 25 | 50.0 | |
| 3-Nitroaniline | ND | 25 | 50.0 | |
| 2-Nitroaniline | ND | 25 | 50.0 | |
| Nitrobenzene | ND | 120 | 50.0 | |
| 4-Nitrophenol | ND | 25 | 50.0 | |
| 2-Nitrophenol | ND | 25 | 50.0 | |
| Pentachlorophenol | ND | 120 | 50.0 | |
| Phenanthrene | ND | 25 | 50.0 | |
| Phenol | ND | 25 | 50.0 | |
| Pyrene | ND | 25 | 50.0 | |
| Pyridine | ND | 25 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 25 | 50.0 | |
| 2,4,6-Trichlorophenol | ND | 25 | 50.0 | |
| 2,4,5-Trichlorophenol | ND | 25 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 95 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 9 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 129 | 27-159 | |
| Phenol-d6 | 37 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0304** | **14-05-1061-4-A** | **05/12/14 14:50** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 18:51** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | |
| Acenaphthylene | ND | 2.5 | 5.00 | |
| Aniline | ND | 2.5 | 5.00 | |
| Anthracene | ND | 2.5 | 5.00 | |
| Azobenzene | ND | 2.5 | 5.00 | |
| Benzidine | ND | 50 | 5.00 | |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzoic Acid | ND | 12 | 5.00 | |
| Benzyl Alcohol | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | |
| Bis(2-Ethylhexyl) Phthalate | 11 | 2.5 | 5.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | |
| 4-Chloroaniline | ND | 2.5 | 5.00 | |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | |
| 2-Chlorophenol | ND | 2.5 | 5.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Chrysene | ND | 2.5 | 5.00 | |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | |
| Dibenzofuran | ND | 2.5 | 5.00 | |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | |
| Diethyl Phthalate | ND | 2.5 | 5.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | |
| Fluoranthene | ND | 2.5 | 5.00 | |
| Fluorene | ND | 2.5 | 5.00 | |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | |
| Hexachlorobenzene | ND | 2.5 | 5.00 | |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | |
| Hexachloroethane | ND | 2.5 | 5.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | |
| Isophorone | ND | 2.5 | 5.00 | |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 2-Methylphenol | ND | 2.5 | 5.00 | |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | |
| Naphthalene | ND | 2.5 | 5.00 | |
| 4-Nitroaniline | ND | 2.5 | 5.00 | |
| 3-Nitroaniline | ND | 2.5 | 5.00 | |
| 2-Nitroaniline | ND | 2.5 | 5.00 | |
| Nitrobenzene | ND | 12 | 5.00 | |
| 4-Nitrophenol | ND | 2.5 | 5.00 | |
| 2-Nitrophenol | ND | 2.5 | 5.00 | |
| Pentachlorophenol | ND | 12 | 5.00 | |
| Phenanthrene | ND | 2.5 | 5.00 | |
| Phenol | ND | 2.5 | 5.00 | |
| Pyrene | ND | 2.5 | 5.00 | |
| Pyridine | ND | 2.5 | 5.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 83 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 12 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 36 | 25-120 | |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 106 | 27-159 | |
| Phenol-d6 | 74 | 26-122 | |
| 2,4,6-Tribromophenol | 6 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0303** | **14-05-1061-5-A** | **05/12/14 14:53** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 19:10** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | |
| Acenaphthylene | ND | 2.5 | 5.00 | |
| Aniline | ND | 2.5 | 5.00 | |
| Anthracene | ND | 2.5 | 5.00 | |
| Azobenzene | ND | 2.5 | 5.00 | |
| Benzidine | ND | 50 | 5.00 | |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzoic Acid | ND | 13 | 5.00 | |
| Benzyl Alcohol | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethyl) Ether | ND | 13 | 5.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | |
| Bis(2-Ethylhexyl) Phthalate | 9.2 | 2.5 | 5.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | |
| 4-Chloroaniline | ND | 2.5 | 5.00 | |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | |
| 2-Chlorophenol | ND | 2.5 | 5.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Chrysene | ND | 2.5 | 5.00 | |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | |
| Dibenzofuran | ND | 2.5 | 5.00 | |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | |
| Diethyl Phthalate | ND | 2.5 | 5.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 13 | 5.00 | |
| 2,4-Dinitrophenol | ND | 13 | 5.00 | |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | |
| Fluoranthene | ND | 2.5 | 5.00 | |
| Fluorene | ND | 2.5 | 5.00 | |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | |
| Hexachlorobenzene | ND | 2.5 | 5.00 | |
| Hexachlorocyclopentadiene | ND | 13 | 5.00 | |
| Hexachloroethane | ND | 2.5 | 5.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | |
| Isophorone | ND | 2.5 | 5.00 | |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 2-Methylphenol | ND | 2.5 | 5.00 | |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | |
| Naphthalene | ND | 2.5 | 5.00 | |
| 4-Nitroaniline | ND | 2.5 | 5.00 | |
| 3-Nitroaniline | ND | 2.5 | 5.00 | |
| 2-Nitroaniline | ND | 2.5 | 5.00 | |
| Nitrobenzene | ND | 13 | 5.00 | |
| 4-Nitrophenol | ND | 2.5 | 5.00 | |
| 2-Nitrophenol | ND | 2.5 | 5.00 | |
| Pentachlorophenol | ND | 13 | 5.00 | |
| Phenanthrene | ND | 2.5 | 5.00 | |
| Phenol | ND | 2.5 | 5.00 | |
| Pyrene | ND | 2.5 | 5.00 | |
| Pyridine | ND | 2.5 | 5.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 91 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 15 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 45 | 25-120 | |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 104 | 27-159 | |
| Phenol-d6 | 72 | 26-122 | |
| 2,4,6-Tribromophenol | 11 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0346** | **14-05-1061-6-A** | **05/13/14 08:00** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 13:36** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | ND | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 18 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 9 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 43 | 26-122 | |
| 2,4,6-Tribromophenol | 1 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0344** | **14-05-1061-7-A** | **05/13/14 09:30** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 19:47** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | |
| Acenaphthylene | ND | 2.5 | 5.00 | |
| Aniline | ND | 2.5 | 5.00 | |
| Anthracene | ND | 2.5 | 5.00 | |
| Azobenzene | ND | 2.5 | 5.00 | |
| Benzidine | ND | 50 | 5.00 | |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzoic Acid | ND | 12 | 5.00 | |
| Benzyl Alcohol | 69 | 2.5 | 5.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | |
| 4-Chloroaniline | ND | 2.5 | 5.00 | |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | |
| 2-Chlorophenol | ND | 2.5 | 5.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Chrysene | ND | 2.5 | 5.00 | |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | |
| Dibenzofuran | ND | 2.5 | 5.00 | |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | |
| Diethyl Phthalate | ND | 2.5 | 5.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | |
| Fluoranthene | ND | 2.5 | 5.00 | |
| Fluorene | ND | 2.5 | 5.00 | |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | |
| Hexachlorobenzene | ND | 2.5 | 5.00 | |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | |
| Hexachloroethane | ND | 2.5 | 5.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | |
| Isophorone | ND | 2.5 | 5.00 | |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 2-Methylphenol | ND | 2.5 | 5.00 | |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | |
| Naphthalene | 25 | 2.5 | 5.00 | |
| 4-Nitroaniline | ND | 2.5 | 5.00 | |
| 3-Nitroaniline | ND | 2.5 | 5.00 | |
| 2-Nitroaniline | ND | 2.5 | 5.00 | |
| Nitrobenzene | ND | 12 | 5.00 | |
| 4-Nitrophenol | ND | 2.5 | 5.00 | |
| 2-Nitrophenol | ND | 2.5 | 5.00 | |
| Pentachlorophenol | ND | 12 | 5.00 | |
| Phenanthrene | ND | 2.5 | 5.00 | |
| Phenol | ND | 2.5 | 5.00 | |
| Pyrene | ND | 2.5 | 5.00 | |
| Pyridine | ND | 2.5 | 5.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 82 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 21 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 61 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 32 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0338** | **14-05-1061-8-A** | **05/13/14 10:45** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 15:47** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 25 | 50.0 | |
| Acenaphthylene | ND | 25 | 50.0 | |
| Aniline | ND | 25 | 50.0 | |
| Anthracene | ND | 25 | 50.0 | |
| Azobenzene | ND | 25 | 50.0 | |
| Benzidine | ND | 500 | 50.0 | |
| Benzo (a) Anthracene | ND | 25 | 50.0 | |
| Benzo (a) Pyrene | ND | 25 | 50.0 | |
| Benzo (b) Fluoranthene | ND | 25 | 50.0 | |
| Benzo (g,h,i) Perylene | ND | 25 | 50.0 | |
| Benzo (k) Fluoranthene | ND | 25 | 50.0 | |
| Benzoic Acid | ND | 130 | 50.0 | |
| Benzyl Alcohol | ND | 25 | 50.0 | |
| Bis(2-Chloroethoxy) Methane | ND | 25 | 50.0 | |
| Bis(2-Chloroethyl) Ether | ND | 130 | 50.0 | |
| Bis(2-Chloroisopropyl) Ether | ND | 25 | 50.0 | |
| Bis(2-Ethylhexyl) Phthalate | 610 | 25 | 50.0 | |
| 4-Bromophenyl-Phenyl Ether | ND | 25 | 50.0 | |
| Butyl Benzyl Phthalate | 610 | 25 | 50.0 | |
| 4-Chloro-3-Methylphenol | ND | 25 | 50.0 | |
| 4-Chloroaniline | ND | 25 | 50.0 | |
| 2-Chloronaphthalene | ND | 25 | 50.0 | |
| 2-Chlorophenol | ND | 25 | 50.0 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 25 | 50.0 | |
| Chrysene | ND | 25 | 50.0 | |
| Di-n-Butyl Phthalate | ND | 25 | 50.0 | |
| Di-n-Octyl Phthalate | ND | 25 | 50.0 | |
| Dibenz (a,h) Anthracene | ND | 25 | 50.0 | |
| Dibenzofuran | ND | 25 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 25 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 25 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 25 | 50.0 | |
| 3,3'-Dichlorobenzidine | ND | 500 | 50.0 | |
| 2,4-Dichlorophenol | ND | 25 | 50.0 | |
| Diethyl Phthalate | ND | 25 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 25 | 50.0 | |
| 2,4-Dimethylphenol | ND | 25 | 50.0 | |
| 4,6-Dinitro-2-Methylphenol | ND | 130 | 50.0 | |
| 2,4-Dinitrophenol | ND | 130 | 50.0 | |
| 2,4-Dinitrotoluene | ND | 25 | 50.0 | |
| 2,6-Dinitrotoluene | ND | 25 | 50.0 | |
| Fluoranthene | ND | 25 | 50.0 | |
| Fluorene | ND | 25 | 50.0 | |
| Hexachloro-1,3-Butadiene | ND | 25 | 50.0 | |
| Hexachlorobenzene | ND | 25 | 50.0 | |
| Hexachlorocyclopentadiene | ND | 130 | 50.0 | |
| Hexachloroethane | ND | 25 | 50.0 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 25 | 50.0 | |
| Isophorone | ND | 25 | 50.0 | |
| 2-Methylnaphthalene | ND | 25 | 50.0 | |
| 1-Methylnaphthalene | ND | 25 | 50.0 | |
| 2-Methylphenol | ND | 25 | 50.0 | |
| 3/4-Methylphenol | ND | 25 | 50.0 | |
| N-Nitroso-di-n-propylamine | ND | 25 | 50.0 | |
| N-Nitrosodimethylamine | ND | 25 | 50.0 | |
| N-Nitrosodiphenylamine | ND | 25 | 50.0 | |
| Naphthalene | ND | 25 | 50.0 | |
| 4-Nitroaniline | ND | 25 | 50.0 | |
| 3-Nitroaniline | ND | 25 | 50.0 | |
| 2-Nitroaniline | ND | 25 | 50.0 | |
| Nitrobenzene | ND | 130 | 50.0 | |
| 4-Nitrophenol | ND | 25 | 50.0 | |
| 2-Nitrophenol | ND | 25 | 50.0 | |
| Pentachlorophenol | ND | 130 | 50.0 | |
| Phenanthrene | ND | 25 | 50.0 | |
| Phenol | ND | 25 | 50.0 | |
| Pyrene | ND | 25 | 50.0 | |
| Pyridine | ND | 25 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 25 | 50.0 | |
| 2,4,6-Trichlorophenol | ND | 25 | 50.0 | |
| 2,4,5-Trichlorophenol | ND | 25 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 82 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 24 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 113 | 27-159 | |
| Phenol-d6 | 38 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0339** | **14-05-1061-9-A** | **05/13/14 10:50** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 13:55** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | 2.1 | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | ND | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 27 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 3 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 42 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0318** | **14-05-1061-11-A** | **05/07/14 16:05** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 20:43** | **140523L14** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 12 | 5.00 | ET |
| Benzyl Alcohol | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | ND | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 12 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 12 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | ND | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 30 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |
| 2-Fluorophenol | 7 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 81 | 33-123 | |
| p-Terphenyl-d14 | 101 | 27-159 | |
| Phenol-d6 | 40 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 16:05** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 25 | 50.0 | ET |
| Acenaphthylene | ND | 25 | 50.0 | ET |
| Aniline | ND | 25 | 50.0 | ET |
| Anthracene | ND | 25 | 50.0 | ET |
| Azobenzene | ND | 25 | 50.0 | ET |
| Benzidine | ND | 500 | 50.0 | ET |
| Benzo (a) Anthracene | ND | 25 | 50.0 | ET |
| Benzo (a) Pyrene | ND | 25 | 50.0 | ET |
| Benzo (b) Fluoranthene | ND | 25 | 50.0 | ET |
| Benzo (g,h,i) Perylene | ND | 25 | 50.0 | ET |
| Benzo (k) Fluoranthene | ND | 25 | 50.0 | ET |
| Benzoic Acid | ND | 130 | 50.0 | ET |
| Benzyl Alcohol | 110 | 25 | 50.0 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 25 | 50.0 | ET |
| Bis(2-Chloroethyl) Ether | ND | 130 | 50.0 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 25 | 50.0 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 25 | 50.0 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 25 | 50.0 | ET |
| Butyl Benzyl Phthalate | ND | 25 | 50.0 | ET |
| 4-Chloro-3-Methylphenol | ND | 25 | 50.0 | ET |
| 4-Chloroaniline | ND | 25 | 50.0 | ET |
| 2-Chloronaphthalene | ND | 25 | 50.0 | ET |
| 2-Chlorophenol | ND | 25 | 50.0 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 25 | 50.0 | ET |
| Chrysene | ND | 25 | 50.0 | ET |
| Di-n-Butyl Phthalate | ND | 25 | 50.0 | ET |
| Di-n-Octyl Phthalate | ND | 25 | 50.0 | ET |
| Dibenz (a,h) Anthracene | ND | 25 | 50.0 | ET |
| Dibenzofuran | ND | 25 | 50.0 | ET |
| 1,2-Dichlorobenzene | ND | 25 | 50.0 | ET |
| 1,3-Dichlorobenzene | ND | 25 | 50.0 | ET |
| 1,4-Dichlorobenzene | ND | 25 | 50.0 | ET |
| 3,3'-Dichlorobenzidine | ND | 500 | 50.0 | ET |
| 2,4-Dichlorophenol | ND | 25 | 50.0 | ET |
| Diethyl Phthalate | ND | 25 | 50.0 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 25 | 50.0 | ET |
| 2,4-Dimethylphenol | ND | 25 | 50.0 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 130 | 50.0 | ET |
| 2,4-Dinitrophenol | ND | 130 | 50.0 | ET |
| 2,4-Dinitrotoluene | ND | 25 | 50.0 | ET |
| 2,6-Dinitrotoluene | ND | 25 | 50.0 | ET |
| Fluoranthene | ND | 25 | 50.0 | ET |
| Fluorene | ND | 25 | 50.0 | ET |
| Hexachloro-1,3-Butadiene | ND | 25 | 50.0 | ET |
| Hexachlorobenzene | ND | 25 | 50.0 | ET |
| Hexachlorocyclopentadiene | ND | 130 | 50.0 | ET |
| Hexachloroethane | ND | 25 | 50.0 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 25 | 50.0 | ET |
| Isophorone | ND | 25 | 50.0 | ET |
| 2-Methylnaphthalene | ND | 25 | 50.0 | ET |
| 1-Methylnaphthalene | ND | 25 | 50.0 | ET |
| 2-Methylphenol | ND | 25 | 50.0 | ET |
| 3/4-Methylphenol | ND | 25 | 50.0 | ET |
| N-Nitroso-di-n-propylamine | ND | 25 | 50.0 | ET |
| N-Nitrosodimethylamine | ND | 25 | 50.0 | ET |
| N-Nitrosodiphenylamine | ND | 25 | 50.0 | ET |
| Naphthalene | ND | 25 | 50.0 | ET |
| 4-Nitroaniline | ND | 25 | 50.0 | ET |
| 3-Nitroaniline | ND | 25 | 50.0 | ET |
| 2-Nitroaniline | ND | 25 | 50.0 | ET |
| Nitrobenzene | ND | 130 | 50.0 | ET |
| 4-Nitrophenol | ND | 25 | 50.0 | ET |
| 2-Nitrophenol | ND | 25 | 50.0 | ET |
| Pentachlorophenol | ND | 130 | 50.0 | ET |
| Phenanthrene | ND | 25 | 50.0 | ET |
| Phenol | ND | 25 | 50.0 | ET |
| Pyrene | ND | 25 | 50.0 | ET |
| Pyridine | ND | 25 | 50.0 | ET |
| 1,2,4-Trichlorobenzene | ND | 25 | 50.0 | ET |
| 2,4,6-Trichlorophenol | ND | 25 | 50.0 | ET |
| 2,4,5-Trichlorophenol | ND | 25 | 50.0 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 96 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 33 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 119 | 27-159 | |
| Phenol-d6 | 42 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0319** | **14-05-1061-13-A** | **05/08/14 09:40** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 21:20** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 12 | 5.00 | ET |
| Benzyl Alcohol | 41 | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | 11 | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 12 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 12 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | ND | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 90 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 36 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 119 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 21:39** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 12 | 5.00 | ET |
| Benzyl Alcohol | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | ND | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 12 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 12 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | 16 | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 39 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 8 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 100 | 27-159 | |
| Phenol-d6 | 59 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0308** | **14-05-1061-15-A** | **05/08/14 15:30** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 14:13** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | ET |
| Acenaphthylene | ND | 0.50 | 1.00 | ET |
| Aniline | ND | 0.50 | 1.00 | ET |
| Anthracene | ND | 0.50 | 1.00 | ET |
| Azobenzene | ND | 0.50 | 1.00 | ET |
| Benzidine | ND | 10 | 1.00 | ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzoic Acid | ND | 2.5 | 1.00 | ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Chrysene | ND | 0.50 | 1.00 | ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | ET |
| Dibenzofuran | ND | 0.50 | 1.00 | ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| Fluoranthene | ND | 0.50 | 1.00 | ET |
| Fluorene | ND | 0.50 | 1.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | ET |
| Hexachloroethane | ND | 0.50 | 1.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | ET |
| Isophorone | ND | 0.50 | 1.00 | ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | ET |
| 3/4-Methylphenol | 0.51 | 0.50 | 1.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | ET |
| Naphthalene | ND | 0.50 | 1.00 | ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | ET |
| Nitrobenzene | ND | 2.5 | 1.00 | ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | ET |
| Phenanthrene | ND | 0.50 | 1.00 | ET |
| Phenol | ND | 0.50 | 1.00 | ET |
| Pyrene | ND | 0.50 | 1.00 | ET |
| Pyridine | ND | 0.50 | 1.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 42 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 4 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 106 | 27-159 | |
| Phenol-d6 | 49 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0306** | **14-05-1061-16-A** | **05/09/14 12:45** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 17:37** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | |
| Acenaphthylene | ND | 2.5 | 5.00 | |
| Aniline | ND | 2.5 | 5.00 | |
| Anthracene | ND | 2.5 | 5.00 | |
| Azobenzene | ND | 2.5 | 5.00 | |
| Benzidine | ND | 50 | 5.00 | |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzoic Acid | ND | 12 | 5.00 | |
| Benzyl Alcohol | 35 | 2.5 | 5.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | |
| 4-Chloroaniline | ND | 2.5 | 5.00 | |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | |
| 2-Chlorophenol | ND | 2.5 | 5.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Chrysene | ND | 2.5 | 5.00 | |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | |
| Dibenzofuran | ND | 2.5 | 5.00 | |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | |
| Diethyl Phthalate | ND | 2.5 | 5.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | |
| Fluoranthene | ND | 2.5 | 5.00 | |
| Fluorene | ND | 2.5 | 5.00 | |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | |
| Hexachlorobenzene | ND | 2.5 | 5.00 | |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | |
| Hexachloroethane | ND | 2.5 | 5.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | |
| Isophorone | ND | 2.5 | 5.00 | |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 2-Methylphenol | ND | 2.5 | 5.00 | |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | |
| Naphthalene | 18 | 2.5 | 5.00 | |
| 4-Nitroaniline | ND | 2.5 | 5.00 | |
| 3-Nitroaniline | ND | 2.5 | 5.00 | |
| 2-Nitroaniline | ND | 2.5 | 5.00 | |
| Nitrobenzene | ND | 12 | 5.00 | |
| 4-Nitrophenol | ND | 2.5 | 5.00 | |
| 2-Nitrophenol | ND | 2.5 | 5.00 | |
| Pentachlorophenol | ND | 12 | 5.00 | |
| Phenanthrene | ND | 2.5 | 5.00 | |
| Phenol | ND | 2.5 | 5.00 | |
| Pyrene | ND | 2.5 | 5.00 | |
| Pyridine | ND | 2.5 | 5.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 45 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 5 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 59 | 33-123 | |
| p-Terphenyl-d14 | 96 | 27-159 | |
| Phenol-d6 | 43 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0313** | **14-05-1061-17-A** | **05/09/14 09:00** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 17:18** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | |
| Acenaphthylene | ND | 2.5 | 5.00 | |
| Aniline | ND | 2.5 | 5.00 | |
| Anthracene | ND | 2.5 | 5.00 | |
| Azobenzene | ND | 2.5 | 5.00 | |
| Benzidine | ND | 50 | 5.00 | |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzoic Acid | ND | 13 | 5.00 | |
| Benzyl Alcohol | 73 | 2.5 | 5.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethyl) Ether | ND | 13 | 5.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | |
| 4-Chloroaniline | ND | 2.5 | 5.00 | |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | |
| 2-Chlorophenol | ND | 2.5 | 5.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Chrysene | ND | 2.5 | 5.00 | |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | |
| Dibenzofuran | ND | 2.5 | 5.00 | |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | |
| Diethyl Phthalate | ND | 2.5 | 5.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 13 | 5.00 | |
| 2,4-Dinitrophenol | ND | 13 | 5.00 | |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | |
| Fluoranthene | ND | 2.5 | 5.00 | |
| Fluorene | ND | 2.5 | 5.00 | |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | |
| Hexachlorobenzene | ND | 2.5 | 5.00 | |
| Hexachlorocyclopentadiene | ND | 13 | 5.00 | |
| Hexachloroethane | ND | 2.5 | 5.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | |
| Isophorone | ND | 2.5 | 5.00 | |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 2-Methylphenol | ND | 2.5 | 5.00 | |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | |
| Naphthalene | ND | 2.5 | 5.00 | |
| 4-Nitroaniline | ND | 2.5 | 5.00 | |
| 3-Nitroaniline | ND | 2.5 | 5.00 | |
| 2-Nitroaniline | ND | 2.5 | 5.00 | |
| Nitrobenzene | ND | 13 | 5.00 | |
| 4-Nitrophenol | ND | 2.5 | 5.00 | |
| 2-Nitrophenol | ND | 2.5 | 5.00 | |
| Pentachlorophenol | ND | 13 | 5.00 | |
| Phenanthrene | ND | 2.5 | 5.00 | |
| Phenol | 4.3 | 2.5 | 5.00 | |
| Pyrene | ND | 2.5 | 5.00 | |
| Pyridine | ND | 2.5 | 5.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 81 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 48 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 106 | 27-159 | |
| Phenol-d6 | 31 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0314** | **14-05-1061-18-A** | **05/09/14 10:10** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 16:59** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 5.0 | 10.0 | |
| Acenaphthylene | ND | 5.0 | 10.0 | |
| Aniline | ND | 5.0 | 10.0 | |
| Anthracene | ND | 5.0 | 10.0 | |
| Azobenzene | ND | 5.0 | 10.0 | |
| Benzidine | ND | 100 | 10.0 | |
| Benzo (a) Anthracene | ND | 5.0 | 10.0 | |
| Benzo (a) Pyrene | ND | 5.0 | 10.0 | |
| Benzo (b) Fluoranthene | ND | 5.0 | 10.0 | |
| Benzo (g,h,i) Perylene | ND | 5.0 | 10.0 | |
| Benzo (k) Fluoranthene | ND | 5.0 | 10.0 | |
| Benzoic Acid | ND | 25 | 10.0 | |
| Benzyl Alcohol | 130 | 5.0 | 10.0 | |
| Bis(2-Chloroethoxy) Methane | ND | 5.0 | 10.0 | |
| Bis(2-Chloroethyl) Ether | ND | 25 | 10.0 | |
| Bis(2-Chloroisopropyl) Ether | ND | 5.0 | 10.0 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.0 | 10.0 | |
| 4-Bromophenyl-Phenyl Ether | ND | 5.0 | 10.0 | |
| Butyl Benzyl Phthalate | ND | 5.0 | 10.0 | |
| 4-Chloro-3-Methylphenol | ND | 5.0 | 10.0 | |
| 4-Chloroaniline | ND | 5.0 | 10.0 | |
| 2-Chloronaphthalene | ND | 5.0 | 10.0 | |
| 2-Chlorophenol | ND | 5.0 | 10.0 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.0 | 10.0 | |
| Chrysene | ND | 5.0 | 10.0 | |
| Di-n-Butyl Phthalate | ND | 5.0 | 10.0 | |
| Di-n-Octyl Phthalate | ND | 5.0 | 10.0 | |
| Dibenz (a,h) Anthracene | ND | 5.0 | 10.0 | |
| Dibenzofuran | ND | 5.0 | 10.0 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 10.0 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 10.0 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 10.0 | |
| 3,3'-Dichlorobenzidine | ND | 100 | 10.0 | |
| 2,4-Dichlorophenol | ND | 5.0 | 10.0 | |
| Diethyl Phthalate | ND | 5.0 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 5.0 | 10.0 | |
| 2,4-Dimethylphenol | ND | 5.0 | 10.0 | |
| 4,6-Dinitro-2-Methylphenol | ND | 25 | 10.0 | |
| 2,4-Dinitrophenol | ND | 25 | 10.0 | |
| 2,4-Dinitrotoluene | ND | 5.0 | 10.0 | |
| 2,6-Dinitrotoluene | ND | 5.0 | 10.0 | |
| Fluoranthene | ND | 5.0 | 10.0 | |
| Fluorene | ND | 5.0 | 10.0 | |
| Hexachloro-1,3-Butadiene | ND | 5.0 | 10.0 | |
| Hexachlorobenzene | ND | 5.0 | 10.0 | |
| Hexachlorocyclopentadiene | ND | 25 | 10.0 | |
| Hexachloroethane | ND | 5.0 | 10.0 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.0 | 10.0 | |
| Isophorone | ND | 5.0 | 10.0 | |
| 2-Methylnaphthalene | ND | 5.0 | 10.0 | |
| 1-Methylnaphthalene | ND | 5.0 | 10.0 | |
| 2-Methylphenol | ND | 5.0 | 10.0 | |
| 3/4-Methylphenol | ND | 5.0 | 10.0 | |
| N-Nitroso-di-n-propylamine | ND | 5.0 | 10.0 | |
| N-Nitrosodimethylamine | ND | 5.0 | 10.0 | |
| N-Nitrosodiphenylamine | ND | 5.0 | 10.0 | |
| Naphthalene | ND | 5.0 | 10.0 | |
| 4-Nitroaniline | ND | 5.0 | 10.0 | |
| 3-Nitroaniline | ND | 5.0 | 10.0 | |
| 2-Nitroaniline | ND | 5.0 | 10.0 | |
| Nitrobenzene | ND | 25 | 10.0 | |
| 4-Nitrophenol | ND | 5.0 | 10.0 | |
| 2-Nitrophenol | ND | 5.0 | 10.0 | |
| Pentachlorophenol | ND | 25 | 10.0 | |
| Phenanthrene | ND | 5.0 | 10.0 | |
| Phenol | ND | 5.0 | 10.0 | |
| Pyrene | ND | 5.0 | 10.0 | |
| Pyridine | ND | 5.0 | 10.0 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 10.0 | |
| 2,4,6-Trichlorophenol | ND | 5.0 | 10.0 | |
| 2,4,5-Trichlorophenol | ND | 5.0 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 51 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 98 | 27-159 | |
| Phenol-d6 | 25 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 16:41** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | |
| Acenaphthylene | ND | 2.5 | 5.00 | |
| Aniline | ND | 2.5 | 5.00 | |
| Anthracene | ND | 2.5 | 5.00 | |
| Azobenzene | ND | 2.5 | 5.00 | |
| Benzidine | ND | 50 | 5.00 | |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | |
| Benzoic Acid | ND | 12 | 5.00 | |
| Benzyl Alcohol | 46 | 2.5 | 5.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | |
| 4-Chloroaniline | ND | 2.5 | 5.00 | |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | |
| 2-Chlorophenol | ND | 2.5 | 5.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | |
| Chrysene | ND | 2.5 | 5.00 | |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | |
| Dibenzofuran | ND | 2.5 | 5.00 | |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | |
| Diethyl Phthalate | ND | 2.5 | 5.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | |
| Fluoranthene | ND | 2.5 | 5.00 | |
| Fluorene | ND | 2.5 | 5.00 | |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | |
| Hexachlorobenzene | ND | 2.5 | 5.00 | |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | |
| Hexachloroethane | ND | 2.5 | 5.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | |
| Isophorone | ND | 2.5 | 5.00 | |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | |
| 2-Methylphenol | ND | 2.5 | 5.00 | |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | |
| Naphthalene | 16 | 2.5 | 5.00 | |
| 4-Nitroaniline | ND | 2.5 | 5.00 | |
| 3-Nitroaniline | ND | 2.5 | 5.00 | |
| 2-Nitroaniline | ND | 2.5 | 5.00 | |
| Nitrobenzene | ND | 12 | 5.00 | |
| 4-Nitrophenol | ND | 2.5 | 5.00 | |
| 2-Nitrophenol | ND | 2.5 | 5.00 | |
| Pentachlorophenol | ND | 12 | 5.00 | |
| Phenanthrene | ND | 2.5 | 5.00 | |
| Phenol | ND | 2.5 | 5.00 | |
| Pyrene | ND | 2.5 | 5.00 | |
| Pyridine | ND | 2.5 | 5.00 | |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 83 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 54 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 15:08** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | 1.7 | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | 0.78 | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 55 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 57 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 5 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 56 | 33-123 | |
| p-Terphenyl-d14 | 57 | 27-159 | |
| Phenol-d6 | 43 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0334** | **14-05-1061-21-A** | **05/05/14 11:20** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 22:16** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 12 | 5.00 | ET |
| Benzyl Alcohol | 53 | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | 16 | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 12 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 12 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | ND | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 92 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 60 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 5 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 110 | 27-159 | |
| Phenol-d6 | 50 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 16:43** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 5.0 | 10.0 | ET |
| Acenaphthylene | ND | 5.0 | 10.0 | ET |
| Aniline | ND | 5.0 | 10.0 | ET |
| Anthracene | ND | 5.0 | 10.0 | ET |
| Azobenzene | ND | 5.0 | 10.0 | ET |
| Benzidine | ND | 100 | 10.0 | ET |
| Benzo (a) Anthracene | ND | 5.0 | 10.0 | ET |
| Benzo (a) Pyrene | ND | 5.0 | 10.0 | ET |
| Benzo (b) Fluoranthene | ND | 5.0 | 10.0 | ET |
| Benzo (g,h,i) Perylene | ND | 5.0 | 10.0 | ET |
| Benzo (k) Fluoranthene | ND | 5.0 | 10.0 | ET |
| Benzoic Acid | ND | 25 | 10.0 | ET |
| Benzyl Alcohol | 55 | 5.0 | 10.0 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 5.0 | 10.0 | ET |
| Bis(2-Chloroethyl) Ether | ND | 25 | 10.0 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 5.0 | 10.0 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.0 | 10.0 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 5.0 | 10.0 | ET |
| Butyl Benzyl Phthalate | ND | 5.0 | 10.0 | ET |
| 4-Chloro-3-Methylphenol | ND | 5.0 | 10.0 | ET |
| 4-Chloroaniline | ND | 5.0 | 10.0 | ET |
| 2-Chloronaphthalene | ND | 5.0 | 10.0 | ET |
| 2-Chlorophenol | ND | 5.0 | 10.0 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.0 | 10.0 | ET |
| Chrysene | ND | 5.0 | 10.0 | ET |
| Di-n-Butyl Phthalate | ND | 5.0 | 10.0 | ET |
| Di-n-Octyl Phthalate | ND | 5.0 | 10.0 | ET |
| Dibenz (a,h) Anthracene | ND | 5.0 | 10.0 | ET |
| Dibenzofuran | ND | 5.0 | 10.0 | ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 10.0 | ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 10.0 | ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 10.0 | ET |
| 3,3'-Dichlorobenzidine | ND | 100 | 10.0 | ET |
| 2,4-Dichlorophenol | ND | 5.0 | 10.0 | ET |
| Diethyl Phthalate | ND | 5.0 | 10.0 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 5.0 | 10.0 | ET |
| 2,4-Dimethylphenol | ND | 5.0 | 10.0 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 25 | 10.0 | ET |
| 2,4-Dinitrophenol | ND | 25 | 10.0 | ET |
| 2,4-Dinitrotoluene | ND | 5.0 | 10.0 | ET |
| 2,6-Dinitrotoluene | ND | 5.0 | 10.0 | ET |
| Fluoranthene | ND | 5.0 | 10.0 | ET |
| Fluorene | ND | 5.0 | 10.0 | ET |
| Hexachloro-1,3-Butadiene | ND | 5.0 | 10.0 | ET |
| Hexachlorobenzene | ND | 5.0 | 10.0 | ET |
| Hexachlorocyclopentadiene | ND | 25 | 10.0 | ET |
| Hexachloroethane | ND | 5.0 | 10.0 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.0 | 10.0 | ET |
| Isophorone | ND | 5.0 | 10.0 | ET |
| 2-Methylnaphthalene | ND | 5.0 | 10.0 | ET |
| 1-Methylnaphthalene | ND | 5.0 | 10.0 | ET |
| 2-Methylphenol | ND | 5.0 | 10.0 | ET |
| 3/4-Methylphenol | ND | 5.0 | 10.0 | ET |
| N-Nitroso-di-n-propylamine | ND | 5.0 | 10.0 | ET |
| N-Nitrosodimethylamine | ND | 5.0 | 10.0 | ET |
| N-Nitrosodiphenylamine | ND | 5.0 | 10.0 | ET |
| Naphthalene | 18 | 5.0 | 10.0 | ET |
| 4-Nitroaniline | ND | 5.0 | 10.0 | ET |
| 3-Nitroaniline | ND | 5.0 | 10.0 | ET |
| 2-Nitroaniline | ND | 5.0 | 10.0 | ET |
| Nitrobenzene | ND | 25 | 10.0 | ET |
| 4-Nitrophenol | ND | 5.0 | 10.0 | ET |
| 2-Nitrophenol | ND | 5.0 | 10.0 | ET |
| Pentachlorophenol | ND | 25 | 10.0 | ET |
| Phenanthrene | ND | 5.0 | 10.0 | ET |
| Phenol | ND | 5.0 | 10.0 | ET |
| Pyrene | ND | 5.0 | 10.0 | ET |
| Pyridine | ND | 5.0 | 10.0 | ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 10.0 | ET |
| 2,4,6-Trichlorophenol | ND | 5.0 | 10.0 | ET |
| 2,4,5-Trichlorophenol | ND | 5.0 | 10.0 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 98 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 63 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 118 | 27-159 | |
| Phenol-d6 | 50 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 11:41** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 5.0 | 10.0 | ET |
| Acenaphthylene | ND | 5.0 | 10.0 | ET |
| Aniline | ND | 5.0 | 10.0 | ET |
| Anthracene | ND | 5.0 | 10.0 | ET |
| Azobenzene | ND | 5.0 | 10.0 | ET |
| Benzidine | ND | 100 | 10.0 | ET |
| Benzo (a) Anthracene | ND | 5.0 | 10.0 | ET |
| Benzo (a) Pyrene | ND | 5.0 | 10.0 | ET |
| Benzo (b) Fluoranthene | ND | 5.0 | 10.0 | ET |
| Benzo (g,h,i) Perylene | ND | 5.0 | 10.0 | ET |
| Benzo (k) Fluoranthene | ND | 5.0 | 10.0 | ET |
| Benzoic Acid | ND | 25 | 10.0 | ET |
| Benzyl Alcohol | 33 | 5.0 | 10.0 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 5.0 | 10.0 | ET |
| Bis(2-Chloroethyl) Ether | ND | 25 | 10.0 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 5.0 | 10.0 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.0 | 10.0 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 5.0 | 10.0 | ET |
| Butyl Benzyl Phthalate | ND | 5.0 | 10.0 | ET |
| 4-Chloro-3-Methylphenol | ND | 5.0 | 10.0 | ET |
| 4-Chloroaniline | ND | 5.0 | 10.0 | ET |
| 2-Chloronaphthalene | ND | 5.0 | 10.0 | ET |
| 2-Chlorophenol | ND | 5.0 | 10.0 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.0 | 10.0 | ET |
| Chrysene | ND | 5.0 | 10.0 | ET |
| Di-n-Butyl Phthalate | 11 | 5.0 | 10.0 | ET |
| Di-n-Octyl Phthalate | ND | 5.0 | 10.0 | ET |
| Dibenz (a,h) Anthracene | ND | 5.0 | 10.0 | ET |
| Dibenzofuran | ND | 5.0 | 10.0 | ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 10.0 | ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 10.0 | ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 10.0 | ET |
| 3,3'-Dichlorobenzidine | ND | 100 | 10.0 | ET |
| 2,4-Dichlorophenol | ND | 5.0 | 10.0 | ET |
| Diethyl Phthalate | ND | 5.0 | 10.0 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 5.0 | 10.0 | ET |
| 2,4-Dimethylphenol | ND | 5.0 | 10.0 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 25 | 10.0 | ET |
| 2,4-Dinitrophenol | ND | 25 | 10.0 | ET |
| 2,4-Dinitrotoluene | ND | 5.0 | 10.0 | ET |
| 2,6-Dinitrotoluene | ND | 5.0 | 10.0 | ET |
| Fluoranthene | ND | 5.0 | 10.0 | ET |
| Fluorene | ND | 5.0 | 10.0 | ET |
| Hexachloro-1,3-Butadiene | ND | 5.0 | 10.0 | ET |
| Hexachlorobenzene | ND | 5.0 | 10.0 | ET |
| Hexachlorocyclopentadiene | ND | 25 | 10.0 | ET |
| Hexachloroethane | ND | 5.0 | 10.0 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.0 | 10.0 | ET |
| Isophorone | ND | 5.0 | 10.0 | ET |
| 2-Methylnaphthalene | ND | 5.0 | 10.0 | ET |
| 1-Methylnaphthalene | ND | 5.0 | 10.0 | ET |
| 2-Methylphenol | ND | 5.0 | 10.0 | ET |
| 3/4-Methylphenol | ND | 5.0 | 10.0 | ET |
| N-Nitroso-di-n-propylamine | ND | 5.0 | 10.0 | ET |
| N-Nitrosodimethylamine | ND | 5.0 | 10.0 | ET |
| N-Nitrosodiphenylamine | ND | 5.0 | 10.0 | ET |
| Naphthalene | 19 | 5.0 | 10.0 | ET |
| 4-Nitroaniline | ND | 5.0 | 10.0 | ET |
| 3-Nitroaniline | ND | 5.0 | 10.0 | ET |
| 2-Nitroaniline | ND | 5.0 | 10.0 | ET |
| Nitrobenzene | ND | 25 | 10.0 | ET |
| 4-Nitrophenol | ND | 5.0 | 10.0 | ET |
| 2-Nitrophenol | ND | 5.0 | 10.0 | ET |
| Pentachlorophenol | ND | 25 | 10.0 | ET |
| Phenanthrene | ND | 5.0 | 10.0 | ET |
| Phenol | ND | 5.0 | 10.0 | ET |
| Pyrene | ND | 5.0 | 10.0 | ET |
| Pyridine | ND | 5.0 | 10.0 | ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 10.0 | ET |
| 2,4,6-Trichlorophenol | ND | 5.0 | 10.0 | ET |
| 2,4,5-Trichlorophenol | ND | 5.0 | 10.0 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 111 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 66 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 100 | 33-123 | |
| p-Terphenyl-d14 | 109 | 27-159 | |
| Phenol-d6 | 8 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 22:53** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | ET |
| Acenaphthylene | ND | 0.50 | 1.00 | ET |
| Aniline | ND | 0.50 | 1.00 | ET |
| Anthracene | ND | 0.50 | 1.00 | ET |
| Azobenzene | ND | 0.50 | 1.00 | ET |
| Benzidine | ND | 10 | 1.00 | ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzoic Acid | ND | 2.5 | 1.00 | ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | 8.9 | 0.50 | 1.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Chrysene | ND | 0.50 | 1.00 | ET |
| Di-n-Butyl Phthalate | 0.61 | 0.50 | 1.00 | ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | ET |
| Dibenzofuran | ND | 0.50 | 1.00 | ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| Fluoranthene | ND | 0.50 | 1.00 | ET |
| Fluorene | ND | 0.50 | 1.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | ET |
| Hexachloroethane | ND | 0.50 | 1.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | ET |
| Isophorone | ND | 0.50 | 1.00 | ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | ET |
| Naphthalene | ND | 0.50 | 1.00 | ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | ET |
| Nitrobenzene | ND | 2.5 | 1.00 | ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | ET |
| Phenanthrene | ND | 0.50 | 1.00 | ET |
| Phenol | ND | 0.50 | 1.00 | ET |
| Pyrene | ND | 0.50 | 1.00 | ET |
| Pyridine | ND | 0.50 | 1.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 69 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 18 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 80 | 33-123 | |
| p-Terphenyl-d14 | 98 | 27-159 | |
| Phenol-d6 | 47 | 26-122 | |
| 2,4,6-Tribromophenol | 1 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0325** | **14-05-1061-25-A** | **05/06/14 11:33** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 23:12** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | ET |
| Acenaphthylene | ND | 0.50 | 1.00 | ET |
| Aniline | ND | 0.50 | 1.00 | ET |
| Anthracene | ND | 0.50 | 1.00 | ET |
| Azobenzene | ND | 0.50 | 1.00 | ET |
| Benzidine | ND | 10 | 1.00 | ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzoic Acid | ND | 2.5 | 1.00 | ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Chrysene | ND | 0.50 | 1.00 | ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | ET |
| Dibenzofuran | ND | 0.50 | 1.00 | ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| Fluoranthene | ND | 0.50 | 1.00 | ET |
| Fluorene | ND | 0.50 | 1.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | ET |
| Hexachloroethane | ND | 0.50 | 1.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | ET |
| Isophorone | ND | 0.50 | 1.00 | ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | ET |
| Naphthalene | ND | 0.50 | 1.00 | ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | ET |
| Nitrobenzene | ND | 2.5 | 1.00 | ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | ET |
| Phenanthrene | ND | 0.50 | 1.00 | ET |
| Phenol | ND | 0.50 | 1.00 | ET |
| Pyrene | ND | 0.50 | 1.00 | ET |
| Pyridine | ND | 0.50 | 1.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 72 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 7 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 95 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 39 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0328** | **14-05-1061-26-A** | **05/06/14 15:45** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 23:31** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | ET |
| Acenaphthylene | ND | 0.50 | 1.00 | ET |
| Aniline | ND | 0.50 | 1.00 | ET |
| Anthracene | ND | 0.50 | 1.00 | ET |
| Azobenzene | ND | 0.50 | 1.00 | ET |
| Benzidine | ND | 10 | 1.00 | ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzoic Acid | ND | 2.5 | 1.00 | ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Chrysene | ND | 0.50 | 1.00 | ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | ET |
| Dibenzofuran | ND | 0.50 | 1.00 | ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| Fluoranthene | ND | 0.50 | 1.00 | ET |
| Fluorene | ND | 0.50 | 1.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | ET |
| Hexachloroethane | ND | 0.50 | 1.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | ET |
| Isophorone | ND | 0.50 | 1.00 | ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | ET |
| Naphthalene | ND | 0.50 | 1.00 | ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | ET |
| Nitrobenzene | ND | 2.5 | 1.00 | ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | ET |
| Phenanthrene | ND | 0.50 | 1.00 | ET |
| Phenol | ND | 0.50 | 1.00 | ET |
| Pyrene | ND | 0.50 | 1.00 | ET |
| Pyridine | ND | 0.50 | 1.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 75 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 84 | 33-123 | |
| p-Terphenyl-d14 | 103 | 27-159 | |
| Phenol-d6 | 26 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0330** | **14-05-1061-27-A** | **05/07/14 07:00** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 23:49** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | ET |
| Acenaphthylene | ND | 0.50 | 1.00 | ET |
| Aniline | ND | 0.50 | 1.00 | ET |
| Anthracene | ND | 0.50 | 1.00 | ET |
| Azobenzene | ND | 0.50 | 1.00 | ET |
| Benzidine | ND | 10 | 1.00 | ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | ET |
| Benzoic Acid | ND | 2.5 | 1.00 | ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | 3.8 | 0.50 | 1.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | ET |
| Chrysene | ND | 0.50 | 1.00 | ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | ET |
| Dibenzofuran | ND | 0.50 | 1.00 | ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | ET |
| Fluoranthene | ND | 0.50 | 1.00 | ET |
| Fluorene | ND | 0.50 | 1.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | ET |
| Hexachloroethane | ND | 0.50 | 1.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | ET |
| Isophorone | ND | 0.50 | 1.00 | ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | ET |
| Naphthalene | ND | 0.50 | 1.00 | ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | ET |
| Nitrobenzene | ND | 2.5 | 1.00 | ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | ET |
| Phenanthrene | ND | 0.50 | 1.00 | ET |
| Phenol | ND | 0.50 | 1.00 | ET |
| Pyrene | ND | 0.50 | 1.00 | ET |
| Pyridine | ND | 0.50 | 1.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGA / 32594-505 | | | Page 78 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 5 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 77 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 29 | 26-122 | |
| 2,4,6-Tribromophenol | 1 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0315** | **14-05-1061-28-A** | **05/07/14 09:05** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 10:45** | **140523L16** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 12 | 5.00 | ET |
| Benzyl Alcohol | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | ND | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 12 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 12 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | ND | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 81 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 106 | 27-120 | |
| 2-Fluorophenol | 4 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 105 | 33-123 | |
| p-Terphenyl-d14 | 124 | 27-159 | |
| Phenol-d6 | 30 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0312** | **14-05-1061-29-A** | **05/07/14 13:34** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 11:04** | **140523L16** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 13 | 5.00 | ET |
| Benzyl Alcohol | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 13 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 13 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 13 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 13 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | ND | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 13 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 13 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | ND | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 84 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 97 | 27-120 | |
| 2-Fluorophenol | 6 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 96 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 42 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0310** | **14-05-1061-30-A** | **05/07/14 14:15** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 11:22** | **140523L16** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 2.5 | 5.00 | ET |
| Acenaphthylene | ND | 2.5 | 5.00 | ET |
| Aniline | ND | 2.5 | 5.00 | ET |
| Anthracene | ND | 2.5 | 5.00 | ET |
| Azobenzene | ND | 2.5 | 5.00 | ET |
| Benzidine | ND | 50 | 5.00 | ET |
| Benzo (a) Anthracene | ND | 2.5 | 5.00 | ET |
| Benzo (a) Pyrene | ND | 2.5 | 5.00 | ET |
| Benzo (b) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzo (g,h,i) Perylene | ND | 2.5 | 5.00 | ET |
| Benzo (k) Fluoranthene | ND | 2.5 | 5.00 | ET |
| Benzoic Acid | ND | 12 | 5.00 | ET |
| Benzyl Alcohol | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethoxy) Methane | ND | 2.5 | 5.00 | ET |
| Bis(2-Chloroethyl) Ether | ND | 12 | 5.00 | ET |
| Bis(2-Chloroisopropyl) Ether | ND | 2.5 | 5.00 | ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Bromophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Butyl Benzyl Phthalate | ND | 2.5 | 5.00 | ET |
| 4-Chloro-3-Methylphenol | ND | 2.5 | 5.00 | ET |
| 4-Chloroaniline | ND | 2.5 | 5.00 | ET |
| 2-Chloronaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Chlorophenol | ND | 2.5 | 5.00 | ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 2.5 | 5.00 | ET |
| Chrysene | ND | 2.5 | 5.00 | ET |
| Di-n-Butyl Phthalate | ND | 2.5 | 5.00 | ET |
| Di-n-Octyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dibenz (a,h) Anthracene | ND | 2.5 | 5.00 | ET |
| Dibenzofuran | ND | 2.5 | 5.00 | ET |
| 1,2-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,3-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 1,4-Dichlorobenzene | ND | 2.5 | 5.00 | ET |
| 3,3'-Dichlorobenzidine | ND | 50 | 5.00 | ET |
| 2,4-Dichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Diethyl Phthalate | ND | 2.5 | 5.00 | ET |
| Dimethyl Phthalate | ND | 2.5 | 5.00 | ET |
| 2,4-Dimethylphenol | ND | 2.5 | 5.00 | ET |
| 4,6-Dinitro-2-Methylphenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrophenol | ND | 12 | 5.00 | ET |
| 2,4-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| 2,6-Dinitrotoluene | ND | 2.5 | 5.00 | ET |
| Fluoranthene | ND | 2.5 | 5.00 | ET |
| Fluorene | ND | 2.5 | 5.00 | ET |
| Hexachloro-1,3-Butadiene | ND | 2.5 | 5.00 | ET |
| Hexachlorobenzene | ND | 2.5 | 5.00 | ET |
| Hexachlorocyclopentadiene | ND | 12 | 5.00 | ET |
| Hexachloroethane | ND | 2.5 | 5.00 | ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 2.5 | 5.00 | ET |
| Isophorone | ND | 2.5 | 5.00 | ET |
| 2-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 1-Methylnaphthalene | ND | 2.5 | 5.00 | ET |
| 2-Methylphenol | ND | 2.5 | 5.00 | ET |
| 3/4-Methylphenol | ND | 2.5 | 5.00 | ET |
| N-Nitroso-di-n-propylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodimethylamine | ND | 2.5 | 5.00 | ET |
| N-Nitrosodiphenylamine | ND | 2.5 | 5.00 | ET |
| Naphthalene | ND | 2.5 | 5.00 | ET |
| 4-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 3-Nitroaniline | ND | 2.5 | 5.00 | ET |
| 2-Nitroaniline | ND | 2.5 | 5.00 | ET |
| Nitrobenzene | ND | 12 | 5.00 | ET |
| 4-Nitrophenol | ND | 2.5 | 5.00 | ET |
| 2-Nitrophenol | ND | 2.5 | 5.00 | ET |
| Pentachlorophenol | ND | 12 | 5.00 | ET |
| Phenanthrene | ND | 2.5 | 5.00 | ET |
| Phenol | ND | 2.5 | 5.00 | ET |
| Pyrene | ND | 2.5 | 5.00 | ET |
| Pyridine | ND | 2.5 | 5.00 | ET |
| 1,2,4-Trichlorobenzene | ND | 2.5 | 5.00 | ET |
| 2,4,6-Trichlorophenol | ND | 2.5 | 5.00 | ET |
| 2,4,5-Trichlorophenol | ND | 2.5 | 5.00 | ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 87 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 103 | 27-120 | |
| 2-Fluorophenol | 4 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 110 | 33-123 | |
| p-Terphenyl-d14 | 117 | 27-159 | |
| Phenol-d6 | 42 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-549-2938** | **N/A** | **Solid** | **GC/MS TT** | **05/23/14** | **05/24/14 14:49** | **140523L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | ND | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 90 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 87 | 25-120 | |
| Nitrobenzene-d5 | 98 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 88 | 26-122 | |
| 2,4,6-Tribromophenol | 81 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-549-2937** | **N/A** | **Solid** | **GC/MS TT** | **05/23/14** | **05/25/14 10:08** | **140523L16** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | ND | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/14/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-05-1061 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGA / 32594-505 | | Page 93 of 93 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 87 | 25-120 | |
| Nitrobenzene-d5 | 99 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 87 | 26-122 | |
| 2,4,6-Tribromophenol | 81 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0309** | **14-05-1061-14-A** | **05/08/14 11:00** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 18:22** | **140516L016** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | |
| Benzene | ND | 5.2 | 1.00 | |
| Bromobenzene | ND | 5.2 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 1.00 | |
| Bromoform | ND | 5.2 | 1.00 | |
| Bromomethane | ND | 26 | 1.00 | |
| 2-Butanone | ND | 52 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 1.00 | |
| Carbon Disulfide | ND | 52 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.00 | |
| Chloroform | ND | 5.2 | 1.00 | |
| Chloromethane | ND | 26 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 1.00 | |
| Dibromomethane | ND | 5.2 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.2 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.2 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 1.00 | |
| Ethylbenzene | 5.8 | 5.2 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 1.00 | |
| Methylene Chloride | 89 | 52 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 1.00 | |
| Naphthalene | ND | 52 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 1.00 | |
| Styrene | ND | 5.2 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 1.00 | |
| Toluene | ND | 5.2 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 1.00 | |
| Trichloroethene | ND | 5.2 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 1.00 | |
| Vinyl Acetate | ND | 52 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 1.00 | |
| p/m-Xylene | 29 | 5.2 | 1.00 | |
| o-Xylene | 23 | 5.2 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 31 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 101 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0306** | **14-05-1061-16-A** | **05/09/14 12:45** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 18:48** | **140516L017** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 13000 | 50.0 | |
| Benzene | ND | 510 | 50.0 | |
| Bromobenzene | ND | 510 | 50.0 | |
| Bromochloromethane | ND | 510 | 50.0 | |
| Bromodichloromethane | ND | 510 | 50.0 | |
| Bromoform | ND | 510 | 50.0 | |
| Bromomethane | ND | 2500 | 50.0 | |
| 2-Butanone | ND | 5100 | 50.0 | |
| n-Butylbenzene | 5100 | 510 | 50.0 | |
| sec-Butylbenzene | ND | 510 | 50.0 | |
| tert-Butylbenzene | ND | 510 | 50.0 | |
| Carbon Disulfide | ND | 5100 | 50.0 | |
| Carbon Tetrachloride | ND | 510 | 50.0 | |
| Chlorobenzene | ND | 510 | 50.0 | |
| Chloroethane | ND | 510 | 50.0 | |
| Chloroform | ND | 510 | 50.0 | |
| Chloromethane | ND | 2500 | 50.0 | |
| 2-Chlorotoluene | ND | 510 | 50.0 | |
| 4-Chlorotoluene | ND | 510 | 50.0 | |
| Dibromochloromethane | ND | 510 | 50.0 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1000 | 50.0 | |
| 1,2-Dibromoethane | ND | 510 | 50.0 | |
| Dibromomethane | ND | 510 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 510 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 510 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 510 | 50.0 | |
| Dichlorodifluoromethane | ND | 510 | 50.0 | |
| 1,1-Dichloroethane | ND | 510 | 50.0 | |
| 1,2-Dichloroethane | ND | 510 | 50.0 | |
| 1,1-Dichloroethene | ND | 510 | 50.0 | |
| c-1,2-Dichloroethene | ND | 510 | 50.0 | |
| t-1,2-Dichloroethene | ND | 510 | 50.0 | |
| 1,2-Dichloropropane | ND | 510 | 50.0 | |
| 1,3-Dichloropropane | ND | 510 | 50.0 | |
| 2,2-Dichloropropane | ND | 510 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 510 | 50.0 | |
| c-1,3-Dichloropropene | ND | 510 | 50.0 | |
| t-1,3-Dichloropropene | ND | 510 | 50.0 | |
| Ethylbenzene | ND | 510 | 50.0 | |
| 2-Hexanone | ND | 5100 | 50.0 | |
| Isopropylbenzene | ND | 510 | 50.0 | |
| p-Isopropyltoluene | 830 | 510 | 50.0 | |
| Methylene Chloride | ND | 5100 | 50.0 | |
| 4-Methyl-2-Pentanone | ND | 5100 | 50.0 | |
| Naphthalene | 19000 | 5100 | 50.0 | |
| n-Propylbenzene | ND | 510 | 50.0 | |
| Styrene | ND | 510 | 50.0 | |
| 1,1,1,2-Tetrachloroethane | ND | 510 | 50.0 | |
| 1,1,2,2-Tetrachloroethane | ND | 510 | 50.0 | |
| Tetrachloroethene | ND | 510 | 50.0 | |
| Toluene | 1500 | 510 | 50.0 | |
| 1,2,3-Trichlorobenzene | ND | 1000 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 510 | 50.0 | |
| 1,1,1-Trichloroethane | ND | 510 | 50.0 | |
| 1,1,2-Trichloroethane | ND | 510 | 50.0 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 5100 | 50.0 | |
| Trichloroethene | ND | 510 | 50.0 | |
| 1,2,3-Trichloropropane | ND | 510 | 50.0 | |
| 1,2,4-Trimethylbenzene | 15000 | 510 | 50.0 | |
| Trichlorofluoromethane | ND | 5100 | 50.0 | |
| 1,3,5-Trimethylbenzene | 1600 | 510 | 50.0 | |
| Vinyl Acetate | ND | 5100 | 50.0 | |
| Vinyl Chloride | ND | 510 | 50.0 | |
| p/m-Xylene | ND | 510 | 50.0 | |
| o-Xylene | ND | 510 | 50.0 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 510 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 99 | 63-141 | |
| 1,2-Dichloroethane-d4 | 98 | 62-146 | |
| Toluene-d8 | 101 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0324** | **14-05-1061-19-A** | **05/12/14 08:00** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 19:15** | **140516L017** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 13000 | 50.0 | |
| Benzene | ND | 520 | 50.0 | |
| Bromobenzene | ND | 520 | 50.0 | |
| Bromochloromethane | ND | 520 | 50.0 | |
| Bromodichloromethane | ND | 520 | 50.0 | |
| Bromoform | ND | 520 | 50.0 | |
| Bromomethane | ND | 2600 | 50.0 | |
| 2-Butanone | ND | 5200 | 50.0 | |
| n-Butylbenzene | 6200 | 520 | 50.0 | |
| sec-Butylbenzene | ND | 520 | 50.0 | |
| tert-Butylbenzene | ND | 520 | 50.0 | |
| Carbon Disulfide | ND | 5200 | 50.0 | |
| Carbon Tetrachloride | ND | 520 | 50.0 | |
| Chlorobenzene | ND | 520 | 50.0 | |
| Chloroethane | ND | 520 | 50.0 | |
| Chloroform | ND | 520 | 50.0 | |
| Chloromethane | ND | 2600 | 50.0 | |
| 2-Chlorotoluene | ND | 520 | 50.0 | |
| 4-Chlorotoluene | ND | 520 | 50.0 | |
| Dibromochloromethane | ND | 520 | 50.0 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1000 | 50.0 | |
| 1,2-Dibromoethane | ND | 520 | 50.0 | |
| Dibromomethane | ND | 520 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 520 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 520 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 520 | 50.0 | |
| Dichlorodifluoromethane | ND | 520 | 50.0 | |
| 1,1-Dichloroethane | ND | 520 | 50.0 | |
| 1,2-Dichloroethane | ND | 520 | 50.0 | |
| 1,1-Dichloroethene | ND | 520 | 50.0 | |
| c-1,2-Dichloroethene | ND | 520 | 50.0 | |
| t-1,2-Dichloroethene | ND | 520 | 50.0 | |
| 1,2-Dichloropropane | ND | 520 | 50.0 | |
| 1,3-Dichloropropane | ND | 520 | 50.0 | |
| 2,2-Dichloropropane | ND | 520 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 520 | 50.0 | |
| c-1,3-Dichloropropene | ND | 520 | 50.0 | |
| t-1,3-Dichloropropene | ND | 520 | 50.0 | |
| Ethylbenzene | ND | 520 | 50.0 | |
| 2-Hexanone | ND | 5200 | 50.0 | |
| Isopropylbenzene | ND | 520 | 50.0 | |
| p-Isopropyltoluene | 1300 | 520 | 50.0 | |
| Methylene Chloride | ND | 5200 | 50.0 | |
| 4-Methyl-2-Pentanone | ND | 5200 | 50.0 | |
| Naphthalene | 20000 | 5200 | 50.0 | |
| n-Propylbenzene | ND | 520 | 50.0 | |
| Styrene | 1000 | 520 | 50.0 | |
| 1,1,1,2-Tetrachloroethane | ND | 520 | 50.0 | |
| 1,1,2,2-Tetrachloroethane | ND | 520 | 50.0 | |
| Tetrachloroethene | ND | 520 | 50.0 | |
| Toluene | 770 | 520 | 50.0 | |
| 1,2,3-Trichlorobenzene | ND | 1000 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 520 | 50.0 | |
| 1,1,1-Trichloroethane | ND | 520 | 50.0 | |
| 1,1,2-Trichloroethane | ND | 520 | 50.0 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 5200 | 50.0 | |
| Trichloroethene | ND | 520 | 50.0 | |
| 1,2,3-Trichloropropane | ND | 520 | 50.0 | |
| 1,2,4-Trimethylbenzene | 2800 | 520 | 50.0 | |
| Trichlorofluoromethane | ND | 5200 | 50.0 | |
| 1,3,5-Trimethylbenzene | ND | 520 | 50.0 | |
| Vinyl Acetate | ND | 5200 | 50.0 | |
| Vinyl Chloride | ND | 520 | 50.0 | |
| p/m-Xylene | ND | 520 | 50.0 | |
| o-Xylene | ND | 520 | 50.0 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 520 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 101 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 99 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0321** | **14-05-1061-20-A** | **05/12/14 08:43** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 19:41** | **140516L016** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | |
| Benzene | ND | 5.2 | 1.00 | |
| Bromobenzene | ND | 5.2 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 1.00 | |
| Bromoform | ND | 5.2 | 1.00 | |
| Bromomethane | ND | 26 | 1.00 | |
| 2-Butanone | ND | 52 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 1.00 | |
| Carbon Disulfide | ND | 52 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.00 | |
| Chloroform | ND | 5.2 | 1.00 | |
| Chloromethane | ND | 26 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 1.00 | |
| Dibromomethane | ND | 5.2 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.2 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.2 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 1.00 | |
| Ethylbenzene | ND | 5.2 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 1.00 | |
| Naphthalene | ND | 52 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 1.00 | |
| Styrene | ND | 5.2 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 1.00 | |
| Toluene | ND | 5.2 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 1.00 | |
| Trichloroethene | ND | 5.2 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 1.00 | |
| Vinyl Acetate | ND | 52 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 1.00 | |
| p/m-Xylene | ND | 5.2 | 1.00 | |
| o-Xylene | ND | 5.2 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 26 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 102 | 62-146 | |
| Toluene-d8 | 101 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 20:33** | **140516L017** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 13000 | 50.0 | |
| Benzene | ND | 510 | 50.0 | |
| Bromobenzene | ND | 510 | 50.0 | |
| Bromochloromethane | ND | 510 | 50.0 | |
| Bromodichloromethane | ND | 510 | 50.0 | |
| Bromoform | ND | 510 | 50.0 | |
| Bromomethane | ND | 2600 | 50.0 | |
| 2-Butanone | ND | 5100 | 50.0 | |
| n-Butylbenzene | 5100 | 510 | 50.0 | |
| sec-Butylbenzene | ND | 510 | 50.0 | |
| tert-Butylbenzene | ND | 510 | 50.0 | |
| Carbon Disulfide | ND | 5100 | 50.0 | |
| Carbon Tetrachloride | ND | 510 | 50.0 | |
| Chlorobenzene | ND | 510 | 50.0 | |
| Chloroethane | ND | 510 | 50.0 | |
| Chloroform | ND | 510 | 50.0 | |
| Chloromethane | ND | 2600 | 50.0 | |
| 2-Chlorotoluene | ND | 510 | 50.0 | |
| 4-Chlorotoluene | ND | 510 | 50.0 | |
| Dibromochloromethane | ND | 510 | 50.0 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1000 | 50.0 | |
| 1,2-Dibromoethane | ND | 510 | 50.0 | |
| Dibromomethane | ND | 510 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 510 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 510 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 510 | 50.0 | |
| Dichlorodifluoromethane | ND | 510 | 50.0 | |
| 1,1-Dichloroethane | ND | 510 | 50.0 | |
| 1,2-Dichloroethane | ND | 510 | 50.0 | |
| 1,1-Dichloroethene | ND | 510 | 50.0 | |
| c-1,2-Dichloroethene | ND | 510 | 50.0 | |
| t-1,2-Dichloroethene | ND | 510 | 50.0 | |
| 1,2-Dichloropropane | ND | 510 | 50.0 | |
| 1,3-Dichloropropane | ND | 510 | 50.0 | |
| 2,2-Dichloropropane | ND | 510 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 510 | 50.0 | |
| c-1,3-Dichloropropene | ND | 510 | 50.0 | |
| t-1,3-Dichloropropene | ND | 510 | 50.0 | |
| Ethylbenzene | ND | 510 | 50.0 | |
| 2-Hexanone | ND | 5100 | 50.0 | |
| Isopropylbenzene | ND | 510 | 50.0 | |
| p-Isopropyltoluene | 940 | 510 | 50.0 | |
| Methylene Chloride | ND | 5100 | 50.0 | |
| 4-Methyl-2-Pentanone | ND | 5100 | 50.0 | |
| Naphthalene | 17000 | 5100 | 50.0 | |
| n-Propylbenzene | ND | 510 | 50.0 | |
| Styrene | ND | 510 | 50.0 | |
| 1,1,1,2-Tetrachloroethane | ND | 510 | 50.0 | |
| 1,1,2,2-Tetrachloroethane | ND | 510 | 50.0 | |
| Tetrachloroethene | ND | 510 | 50.0 | |
| Toluene | 710 | 510 | 50.0 | |
| 1,2,3-Trichlorobenzene | ND | 1000 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 510 | 50.0 | |
| 1,1,1-Trichloroethane | ND | 510 | 50.0 | |
| 1,1,2-Trichloroethane | ND | 510 | 50.0 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 5100 | 50.0 | |
| Trichloroethene | ND | 510 | 50.0 | |
| 1,2,3-Trichloropropane | ND | 510 | 50.0 | |
| 1,2,4-Trimethylbenzene | 1700 | 510 | 50.0 | |
| Trichlorofluoromethane | ND | 5100 | 50.0 | |
| 1,3,5-Trimethylbenzene | ND | 510 | 50.0 | |
| Vinyl Acetate | ND | 5100 | 50.0 | |
| Vinyl Chloride | ND | 510 | 50.0 | |
| p/m-Xylene | ND | 510 | 50.0 | |
| o-Xylene | ND | 510 | 50.0 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 510 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 100 | 62-146 | |
| Toluene-d8 | 98 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 20:59** | **140516L017** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 12000 | 50.0 | |
| Benzene | ND | 500 | 50.0 | |
| Bromobenzene | ND | 500 | 50.0 | |
| Bromochloromethane | ND | 500 | 50.0 | |
| Bromodichloromethane | ND | 500 | 50.0 | |
| Bromoform | ND | 500 | 50.0 | |
| Bromomethane | ND | 2500 | 50.0 | |
| 2-Butanone | ND | 5000 | 50.0 | |
| n-Butylbenzene | 5600 | 500 | 50.0 | |
| sec-Butylbenzene | ND | 500 | 50.0 | |
| tert-Butylbenzene | ND | 500 | 50.0 | |
| Carbon Disulfide | ND | 5000 | 50.0 | |
| Carbon Tetrachloride | ND | 500 | 50.0 | |
| Chlorobenzene | ND | 500 | 50.0 | |
| Chloroethane | ND | 500 | 50.0 | |
| Chloroform | ND | 500 | 50.0 | |
| Chloromethane | ND | 2500 | 50.0 | |
| 2-Chlorotoluene | ND | 500 | 50.0 | |
| 4-Chlorotoluene | ND | 500 | 50.0 | |
| Dibromochloromethane | ND | 500 | 50.0 | |
| 1,2-Dibromo-3-Chloropropane | ND | 990 | 50.0 | |
| 1,2-Dibromoethane | ND | 500 | 50.0 | |
| Dibromomethane | ND | 500 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 500 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 500 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 500 | 50.0 | |
| Dichlorodifluoromethane | ND | 500 | 50.0 | |
| 1,1-Dichloroethane | ND | 500 | 50.0 | |
| 1,2-Dichloroethane | ND | 500 | 50.0 | |
| 1,1-Dichloroethene | ND | 500 | 50.0 | |
| c-1,2-Dichloroethene | ND | 500 | 50.0 | |
| t-1,2-Dichloroethene | ND | 500 | 50.0 | |
| 1,2-Dichloropropane | ND | 500 | 50.0 | |
| 1,3-Dichloropropane | ND | 500 | 50.0 | |
| 2,2-Dichloropropane | ND | 500 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 500 | 50.0 | |
| c-1,3-Dichloropropene | ND | 500 | 50.0 | |
| t-1,3-Dichloropropene | ND | 500 | 50.0 | |
| Ethylbenzene | ND | 500 | 50.0 | |
| 2-Hexanone | ND | 5000 | 50.0 | |
| Isopropylbenzene | ND | 500 | 50.0 | |
| p-Isopropyltoluene | 770 | 500 | 50.0 | |
| Methylene Chloride | ND | 5000 | 50.0 | |
| 4-Methyl-2-Pentanone | ND | 5000 | 50.0 | |
| Naphthalene | 18000 | 5000 | 50.0 | |
| n-Propylbenzene | ND | 500 | 50.0 | |
| Styrene | ND | 500 | 50.0 | |
| 1,1,1,2-Tetrachloroethane | ND | 500 | 50.0 | |
| 1,1,2,2-Tetrachloroethane | ND | 500 | 50.0 | |
| Tetrachloroethene | ND | 500 | 50.0 | |
| Toluene | ND | 500 | 50.0 | |
| 1,2,3-Trichlorobenzene | ND | 990 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 500 | 50.0 | |
| 1,1,1-Trichloroethane | ND | 500 | 50.0 | |
| 1,1,2-Trichloroethane | ND | 500 | 50.0 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 5000 | 50.0 | |
| Trichloroethene | ND | 500 | 50.0 | |
| 1,2,3-Trichloropropane | ND | 500 | 50.0 | |
| 1,2,4-Trimethylbenzene | 4500 | 500 | 50.0 | |
| Trichlorofluoromethane | ND | 5000 | 50.0 | |
| 1,3,5-Trimethylbenzene | ND | 500 | 50.0 | |
| Vinyl Acetate | ND | 5000 | 50.0 | |
| Vinyl Chloride | ND | 500 | 50.0 | |
| p/m-Xylene | ND | 500 | 50.0 | |
| o-Xylene | ND | 500 | 50.0 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 500 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 102 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **GC/MS Q** | **05/15/14** | **05/16/14 21:51** | **140516L016** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | 160 | 130 | 1.00 | |
| Benzene | ND | 5.1 | 1.00 | |
| Bromobenzene | ND | 5.1 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 1.00 | |
| Bromoform | ND | 5.1 | 1.00 | |
| Bromomethane | ND | 25 | 1.00 | |
| 2-Butanone | 60 | 51 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 1.00 | |
| Carbon Disulfide | ND | 51 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.00 | |
| Chloroform | ND | 5.1 | 1.00 | |
| Chloromethane | ND | 25 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 1.00 | |
| Dibromomethane | ND | 5.1 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.1 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 1.00 | |
| Naphthalene | ND | 51 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 1.00 | |
| Styrene | ND | 5.1 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 1.00 | |
| Toluene | ND | 5.1 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 1.00 | |
| Trichloroethene | ND | 5.1 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 1.00 | |
| Vinyl Acetate | ND | 51 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 1.00 | |
| o-Xylene | ND | 5.1 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 45 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 110 | 62-146 | |
| Toluene-d8 | 98 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-796-8488** | **N/A** | **Solid** | **GC/MS Q** | **05/16/14** | **05/16/14 15:20** | **140516L016** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | |
| Benzene | ND | 5.0 | 1.00 | |
| Bromobenzene | ND | 5.0 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 1.00 | |
| Bromoform | ND | 5.0 | 1.00 | |
| Bromomethane | ND | 25 | 1.00 | |
| 2-Butanone | ND | 50 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 1.00 | |
| Carbon Disulfide | ND | 50 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.00 | |
| Chloroform | ND | 5.0 | 1.00 | |
| Chloromethane | ND | 25 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | |
| Dibromomethane | ND | 5.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | |
| Naphthalene | ND | 50 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 1.00 | |
| Styrene | ND | 5.0 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | |
| Trichloroethene | ND | 5.0 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | |
| Vinyl Acetate | ND | 50 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 104 | 63-141 | |
| 1,2-Dichloroethane-d4 | 107 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGA / 32594-505



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-796-8490** | **N/A** | **Solid** | **GC/MS Q** | **05/16/14** | **05/16/14 15:45** | **140516L017** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 12000 | 50.0 | |
| Benzene | ND | 500 | 50.0 | |
| Bromobenzene | ND | 500 | 50.0 | |
| Bromochloromethane | ND | 500 | 50.0 | |
| Bromodichloromethane | ND | 500 | 50.0 | |
| Bromoform | ND | 500 | 50.0 | |
| Bromomethane | ND | 2500 | 50.0 | |
| 2-Butanone | ND | 5000 | 50.0 | |
| n-Butylbenzene | ND | 500 | 50.0 | |
| sec-Butylbenzene | ND | 500 | 50.0 | |
| tert-Butylbenzene | ND | 500 | 50.0 | |
| Carbon Disulfide | ND | 5000 | 50.0 | |
| Carbon Tetrachloride | ND | 500 | 50.0 | |
| Chlorobenzene | ND | 500 | 50.0 | |
| Chloroethane | ND | 500 | 50.0 | |
| Chloroform | ND | 500 | 50.0 | |
| Chloromethane | ND | 2500 | 50.0 | |
| 2-Chlorotoluene | ND | 500 | 50.0 | |
| 4-Chlorotoluene | ND | 500 | 50.0 | |
| Dibromochloromethane | ND | 500 | 50.0 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1000 | 50.0 | |
| 1,2-Dibromoethane | ND | 500 | 50.0 | |
| Dibromomethane | ND | 500 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 500 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 500 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 500 | 50.0 | |
| Dichlorodifluoromethane | ND | 500 | 50.0 | |
| 1,1-Dichloroethane | ND | 500 | 50.0 | |
| 1,2-Dichloroethane | ND | 500 | 50.0 | |
| 1,1-Dichloroethene | ND | 500 | 50.0 | |
| c-1,2-Dichloroethene | ND | 500 | 50.0 | |
| t-1,2-Dichloroethene | ND | 500 | 50.0 | |
| 1,2-Dichloropropane | ND | 500 | 50.0 | |
| 1,3-Dichloropropane | ND | 500 | 50.0 | |
| 2,2-Dichloropropane | ND | 500 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 500 | 50.0 | |
| c-1,3-Dichloropropene | ND | 500 | 50.0 | |
| t-1,3-Dichloropropene | ND | 500 | 50.0 | |
| Ethylbenzene | ND | 500 | 50.0 | |
| 2-Hexanone | ND | 5000 | 50.0 | |
| Isopropylbenzene | ND | 500 | 50.0 | |
| p-Isopropyltoluene | ND | 500 | 50.0 | |
| Methylene Chloride | ND | 5000 | 50.0 | |
| 4-Methyl-2-Pentanone | ND | 5000 | 50.0 | |
| Naphthalene | ND | 5000 | 50.0 | |
| n-Propylbenzene | ND | 500 | 50.0 | |
| Styrene | ND | 500 | 50.0 | |
| 1,1,1,2-Tetrachloroethane | ND | 500 | 50.0 | |
| 1,1,2,2-Tetrachloroethane | ND | 500 | 50.0 | |
| Tetrachloroethene | ND | 500 | 50.0 | |
| Toluene | ND | 500 | 50.0 | |
| 1,2,3-Trichlorobenzene | ND | 1000 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 500 | 50.0 | |
| 1,1,1-Trichloroethane | ND | 500 | 50.0 | |
| 1,1,2-Trichloroethane | ND | 500 | 50.0 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 5000 | 50.0 | |
| Trichloroethene | ND | 500 | 50.0 | |
| 1,2,3-Trichloropropane | ND | 500 | 50.0 | |
| 1,2,4-Trimethylbenzene | ND | 500 | 50.0 | |
| Trichlorofluoromethane | ND | 5000 | 50.0 | |
| 1,3,5-Trimethylbenzene | ND | 500 | 50.0 | |
| Vinyl Acetate | ND | 5000 | 50.0 | |
| Vinyl Chloride | ND | 500 | 50.0 | |
| p/m-Xylene | ND | 500 | 50.0 | |
| o-Xylene | ND | 500 | 50.0 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 500 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 103 | 63-141 | |
| 1,2-Dichloroethane-d4 | 102 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0346** | **Sample** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 11:22** | **140516S01P** |
| **DP-0346** | **Matrix Spike** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 12:21** | **140516S01P** |
| **DP-0346** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **05/16/14** | **05/17/14 12:27** | **140516S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 2998 | 40000 | 36630 | 84 | 37180 | 85 | 75-125 | 1 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0304** | **Sample** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 18:29** | **140516S01** |
| **DP-0304** | **Matrix Spike** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 15:15** | **140516S01** |
| **DP-0304** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **05/16/14** | **05/16/14 15:32** | **140516S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 150.6 | 400.0 | 426.8 | 69 | 430.7 | 70 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0328** | **Sample** | **Concrete** | **GC 46** | **05/16/14** | **05/19/14 16:58** | **140516S02** |
| **DP-0328** | **Matrix Spike** | **Concrete** | **GC 46** | **05/16/14** | **05/17/14 00:03** | **140516S02** |
| **DP-0328** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **05/16/14** | **05/17/14 00:22** | **140516S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 7956 | 400.0 | 7199 | 0 | 7431 | 0 | 64-130 | 3 | 0-15 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0311** | **Sample** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:38** | **140519S03** |
| **DP-0311** | **Matrix Spike** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:35** | **140519S03** |
| **DP-0311** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **05/19/14** | **05/20/14 21:37** | **140519S03** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 9.564 | 38 | 9.589 | 38 | 50-115 | 0 | 0-20 | 3 |
| Arsenic | 2.717 | 25.00 | 30.33 | 110 | 31.45 | 115 | 75-125 | 4 | 0-20 | |
| Barium | 122.5 | 25.00 | 147.8 | 4X | 155.1 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | 0.2986 | 25.00 | 29.36 | 116 | 29.68 | 118 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 25.39 | 102 | 25.69 | 103 | 75-125 | 1 | 0-20 | |
| Chromium | 8.215 | 25.00 | 35.25 | 108 | 35.56 | 109 | 75-125 | 1 | 0-20 | |
| Cobalt | 5.423 | 25.00 | 31.31 | 104 | 31.90 | 106 | 75-125 | 2 | 0-20 | |
| Copper | 27.20 | 25.00 | 52.38 | 101 | 55.37 | 113 | 75-125 | 6 | 0-20 | |
| Lead | 15.00 | 25.00 | 39.62 | 98 | 40.53 | 102 | 75-125 | 2 | 0-20 | |
| Molybdenum | 0.6638 | 25.00 | 27.14 | 106 | 27.13 | 106 | 75-125 | 0 | 0-20 | |
| Nickel | 7.535 | 25.00 | 33.28 | 103 | 33.89 | 105 | 75-125 | 2 | 0-20 | |
| Selenium | ND | 25.00 | 24.63 | 99 | 24.81 | 99 | 75-125 | 1 | 0-20 | |
| Silver | ND | 12.50 | 14.82 | 119 | 15.02 | 120 | 75-125 | 1 | 0-20 | |
| Thallium | ND | 25.00 | 22.31 | 89 | 22.17 | 89 | 75-125 | 1 | 0-20 | |
| Vanadium | 21.54 | 25.00 | 46.21 | 99 | 49.67 | 113 | 75-125 | 7 | 0-20 | |
| Zinc | 59.75 | 25.00 | 81.52 | 87 | 85.86 | 104 | 75-125 | 5 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-05-1392-1** | **Sample** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 19:39** | **140519S04** |
| **14-05-1392-1** | **Matrix Spike** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 19:40** | **140519S04** |
| **14-05-1392-1** | **Matrix Spike Duplicate** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 19:41** | **140519S04** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 12.25 | 49 | 12.84 | 51 | 80-120 | 5 | 0-20 | 3 |
| Arsenic | ND | 25.00 | 25.60 | 102 | 26.66 | 107 | 80-120 | 4 | 0-20 | |
| Barium | 197.3 | 25.00 | 198.1 | 4X | 206.8 | 4X | 80-120 | 4X | 0-20 | Q |
| Beryllium | ND | 25.00 | 25.47 | 102 | 26.54 | 106 | 80-120 | 4 | 0-20 | |
| Cadmium | ND | 25.00 | 24.37 | 97 | 25.58 | 102 | 80-120 | 5 | 0-20 | |
| Chromium | 1.115 | 25.00 | 23.36 | 89 | 24.53 | 94 | 80-120 | 5 | 0-20 | |
| Cobalt | 0.6898 | 25.00 | 26.14 | 102 | 26.96 | 105 | 80-120 | 3 | 0-20 | |
| Copper | 22.74 | 25.00 | 46.45 | 95 | 47.95 | 101 | 80-120 | 3 | 0-20 | |
| Lead | ND | 25.00 | 24.76 | 99 | 25.62 | 102 | 80-120 | 3 | 0-20 | |
| Molybdenum | 1.500 | 25.00 | 23.91 | 90 | 25.03 | 94 | 80-120 | 5 | 0-20 | |
| Nickel | 22.32 | 25.00 | 45.27 | 92 | 46.94 | 98 | 80-120 | 4 | 0-20 | |
| Selenium | ND | 25.00 | 23.60 | 94 | 24.44 | 98 | 80-120 | 4 | 0-20 | |
| Silver | ND | 12.50 | 12.67 | 101 | 13.16 | 105 | 80-120 | 4 | 0-20 | |
| Thallium | ND | 25.00 | 14.76 | 59 | 17.21 | 69 | 80-120 | 15 | 0-20 | 3 |
| Vanadium | 6.118 | 25.00 | 31.03 | 100 | 32.55 | 106 | 80-120 | 5 | 0-20 | |
| Zinc | 36.36 | 25.00 | 56.01 | 79 | 58.92 | 90 | 80-120 | 5 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Page 6 of 13

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-05-1019-6** | **Sample** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 15:33** | **140519S07** |
| **14-05-1019-6** | **Matrix Spike** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 15:35** | **140519S07** |
| **14-05-1019-6** | **Matrix Spike Duplicate** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 15:37** | **140519S07** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9493 | 114 | 0.9789 | 117 | 71-137 | 3 | 0-14 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Page 7 of 13

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0311** | **Sample** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 18:47** | **140519S08** |
| **DP-0311** | **Matrix Spike** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 18:49** | **140519S08** |
| **DP-0311** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **05/19/14** | **05/19/14 18:52** | **140519S08** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9862 | 118 | 0.9607 | 115 | 71-137 | 3 | 0-14 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-05-1060-8** | **Sample** | **Solid** | **GC 31** | **05/21/14** | **05/22/14 20:35** | **140521S13** |
| **14-05-1060-8** | **Matrix Spike** | **Solid** | **GC 31** | **05/21/14** | **05/22/14 17:43** | **140521S13** |
| **14-05-1060-8** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **05/21/14** | **05/22/14 18:02** | **140521S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 73.10 | 73 | 70.08 | 70 | 50-135 | 4 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 114.4 | 114 | 80.13 | 80 | 50-135 | 35 | 0-25 | 4 |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0314** | **Sample** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 01:55** | **140517S13** |
| **DP-0314** | **Matrix Spike** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 19:37** | **140517S13** |
| **DP-0314** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 19:55** | **140517S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 139.7 | 140 | 151.9 | 152 | 50-135 | 8 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 139.6 | 140 | 159.9 | 160 | 50-135 | 14 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0328** | **Sample** | **Concrete** | **GC 58** | **05/17/14** | **05/21/14 04:18** | **140517S14** |
| **DP-0328** | **Matrix Spike** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 20:13** | **140517S14** |
| **DP-0328** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **05/17/14** | **05/20/14 20:31** | **140517S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 132.4 | 132 | 137.0 | 137 | 50-135 | 3 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 542.0 | 542 | 547.8 | 548 | 50-135 | 1 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0314** | **Sample** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 16:59** | **140523S14** |
| **DP-0314** | **Matrix Spike** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/27/14 15:36** | **140523S14** |
| **DP-0314** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/27/14 15:54** | **140523S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | 10.00 | 10.75 | 108 | 10.99 | 110 | 34-148 | 2 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 10.77 | 108 | 10.72 | 107 | 53-120 | 1 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 11.74 | 117 | 12.39 | 124 | 15-189 | 5 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 11.28 | 113 | 11.32 | 113 | 32-120 | 0 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 10.49 | 105 | 10.16 | 102 | 53-120 | 3 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 11.12 | 111 | 10.99 | 110 | 43-120 | 1 | 0-26 | |
| Dimethyl Phthalate | ND | 10.00 | 9.400 | 94 | 9.430 | 94 | 44-122 | 0 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 10.00 | 10.04 | 100 | 10.54 | 105 | 28-120 | 5 | 0-20 | |
| Fluorene | ND | 10.00 | 11.63 | 116 | 11.49 | 115 | 12-186 | 1 | 0-20 | |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 10.08 | 101 | 10.24 | 102 | 38-140 | 2 | 0-20 | |
| Naphthalene | ND | 10.00 | 11.22 | 112 | 11.49 | 115 | 20-140 | 2 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 10.66 | 107 | 10.75 | 108 | 14-128 | 1 | 0-59 | |
| Pentachlorophenol | ND | 10.00 | 7.427 | 74 | 7.725 | 77 | 10-124 | 4 | 0-20 | |
| Phenol | ND | 10.00 | 10.43 | 104 | 10.19 | 102 | 22-124 | 2 | 0-20 | |
| Pyrene | ND | 10.00 | 11.00 | 110 | 11.32 | 113 | 31-169 | 3 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 10.90 | 109 | 10.95 | 110 | 56-120 | 1 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0328** | **Sample** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/24/14 23:31** | **140523S16** |
| **DP-0328** | **Matrix Spike** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 14:32** | **140523S16** |
| **DP-0328** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS TT** | **05/23/14** | **05/25/14 14:51** | **140523S16** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | 10.00 | 8.730 | 87 | 8.914 | 89 | 34-148 | 2 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 8.793 | 88 | 9.012 | 90 | 53-120 | 2 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 8.495 | 85 | 8.758 | 88 | 15-189 | 3 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 3.519 | 35 | 3.663 | 37 | 32-120 | 4 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 1.147 | 11 | 1.134 | 11 | 53-120 | 1 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 10.00 | 9.088 | 91 | 9.111 | 91 | 43-120 | 0 | 0-26 | |
| Dimethyl Phthalate | ND | 10.00 | 7.615 | 76 | 7.710 | 77 | 44-122 | 1 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.234 | 92 | 9.466 | 95 | 28-120 | 2 | 0-20 | |
| Fluorene | ND | 10.00 | 8.574 | 86 | 8.839 | 88 | 12-186 | 3 | 0-20 | |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 8.066 | 81 | 8.123 | 81 | 38-140 | 1 | 0-20 | |
| Naphthalene | ND | 10.00 | 9.336 | 93 | 9.586 | 96 | 20-140 | 3 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 14-128 | 0 | 0-59 | 3 |
| Pentachlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 10-124 | 0 | 0-20 | 3 |
| Phenol | ND | 10.00 | 3.456 | 35 | 3.462 | 35 | 22-124 | 0 | 0-20 | |
| Pyrene | ND | 10.00 | 9.443 | 94 | 10.32 | 103 | 31-169 | 9 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 9.578 | 96 | 9.958 | 100 | 56-120 | 4 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-05-1172-1** | **Sample** | **Solid** | **GC/MS Q** | **05/15/14** | **05/16/14 16:12** | **140516S003** |
| **14-05-1172-1** | **Matrix Spike** | **Solid** | **GC/MS Q** | **05/15/14** | **05/16/14 16:38** | **140516S003** |
| **14-05-1172-1** | **Matrix Spike Duplicate** | **Solid** | **GC/MS Q** | **05/15/14** | **05/16/14 17:03** | **140516S003** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 45.00 | 90 | 43.58 | 87 | 61-127 | 3 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 41.10 | 82 | 41.10 | 82 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 45.69 | 91 | 43.71 | 87 | 57-123 | 4 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 43.96 | 88 | 43.02 | 86 | 64-124 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 41.52 | 83 | 39.63 | 79 | 35-131 | 5 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 45.19 | 90 | 44.16 | 88 | 80-120 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 48.56 | 97 | 47.82 | 96 | 47-143 | 2 | 0-25 | |
| Ethylbenzene | ND | 50.00 | 43.82 | 88 | 42.53 | 85 | 57-129 | 3 | 0-22 | |
| Toluene | ND | 50.00 | 45.64 | 91 | 44.23 | 88 | 63-123 | 3 | 0-20 | |
| Trichloroethene | ND | 50.00 | 47.16 | 94 | 45.71 | 91 | 44-158 | 3 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 42.17 | 84 | 41.14 | 82 | 49-139 | 2 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 86.69 | 87 | 84.37 | 84 | 70-130 | 3 | 0-30 | |
| o-Xylene | ND | 50.00 | 43.96 | 88 | 43.24 | 86 | 70-130 | 2 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 44.72 | 89 | 44.34 | 89 | 57-123 | 1 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **14-05-1392-1** | **Sample** | **Solid** | **ICP 7300** | **05/19/14 00:00** | **05/20/14 19:39** | **140519S04** |
| **14-05-1392-1** | **PDS** | **Solid** | **ICP 7300** | **05/19/14 00:00** | **05/20/14 19:43** | **140519S04** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 25.15 | 101 | 75-125 | |
| Arsenic | ND | 25.00 | 26.22 | 105 | 75-125 | |
| Barium | 197.3 | 25.00 | 218.2 | 4X | 75-125 | Q |
| Beryllium | ND | 25.00 | 25.39 | 102 | 75-125 | |
| Cadmium | ND | 25.00 | 24.56 | 98 | 75-125 | |
| Chromium | 1.115 | 25.00 | 25.63 | 98 | 75-125 | |
| Cobalt | 0.6898 | 25.00 | 25.93 | 101 | 75-125 | |
| Copper | 22.74 | 25.00 | 47.99 | 101 | 75-125 | |
| Lead | ND | 25.00 | 24.72 | 99 | 75-125 | |
| Molybdenum | 1.500 | 25.00 | 27.31 | 103 | 75-125 | |
| Nickel | 22.32 | 25.00 | 46.34 | 96 | 75-125 | |
| Selenium | ND | 25.00 | 23.39 | 94 | 75-125 | |
| Silver | ND | 12.50 | 12.45 | 100 | 75-125 | |
| Thallium | ND | 25.00 | 24.78 | 99 | 75-125 | |
| Vanadium | 6.118 | 25.00 | 31.22 | 100 | 75-125 | |
| Zinc | 36.36 | 25.00 | 60.11 | 95 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2658** | **LCS** | **Solid** | **IC 11** | **05/16/14** | **05/17/14 11:16** | **140516L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19990 | 100 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Page 2 of 14

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-919** | **LCS** | **Solid** | **GC 46** | **05/16/14** | **05/16/14 14:57** | **140516B01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 321.8 | 80 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3550B
Method: EPA 8015B (M)
Page 3 of 14

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-918** | **LCS** | **Solid** | **GC 46** | **05/16/14** | **05/16/14 23:45** | **140516B02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 348.8 | 87 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18398** | **LCS** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 21:02** | **140519L03** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 25.46 | 102 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 25.03 | 100 | 80-120 | 73-127 | |
| Barium | 25.00 | 26.47 | 106 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.66 | 103 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.43 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.47 | 106 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 28.11 | 112 | 80-120 | 73-127 | |
| Copper | 25.00 | 25.76 | 103 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.42 | 106 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.41 | 102 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.78 | 111 | 80-120 | 73-127 | |
| Selenium | 25.00 | 22.43 | 90 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.12 | 105 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.92 | 108 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 25.45 | 102 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.03 | 104 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3050B
Method: EPA 6010B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18397** | **LCS** | **Solid** | **ICP 7300** | **05/19/14** | **05/20/14 19:31** | **140519L04** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 25.54 | 102 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 24.63 | 99 | 80-120 | 73-127 | |
| Barium | 25.00 | 25.44 | 102 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 24.83 | 99 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.13 | 105 | 80-120 | 73-127 | |
| Chromium | 25.00 | 25.52 | 102 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 28.09 | 112 | 80-120 | 73-127 | |
| Copper | 25.00 | 26.46 | 106 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.61 | 106 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.72 | 103 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.18 | 109 | 80-120 | 73-127 | |
| Selenium | 25.00 | 22.48 | 90 | 80-120 | 73-127 | |
| Silver | 12.50 | 12.85 | 103 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.86 | 107 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 24.80 | 99 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.15 | 105 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Page 6 of 14

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-272-238** | **LCS** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 15:31** | **140519L07** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8899 | 107 | 85-121 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 7471A Total
Method: EPA 7471A
Page 7 of 14

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-272-239** | **LCS** | **Solid** | **Mercury 05** | **05/19/14** | **05/19/14 18:40** | **140519L08** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.9186 | 110 | 85-121 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2637** | **LCS** | **Solid** | **GC 31** | **05/21/14** | **05/22/14 23:07** | **140521L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 99.43 | 99 | 50-135 | |
| Aroclor-1260 | 100.0 | 131.0 | 131 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2631** | **LCS** | **Solid** | **GC 58** | **05/17/14** | **05/20/14 18:26** | **140517L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 95.92 | 96 | 50-135 | |
| Aroclor-1260 | 100.0 | 97.60 | 98 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2632** | **LCS** | **Solid** | **GC 58** | **05/17/14** | **05/20/14 19:01** | **140517L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 100.6 | 101 | 50-135 | |
| Aroclor-1260 | 100.0 | 101.9 | 102 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-549-2938** | **LCS** | **Solid** | **GC/MS TT** | **05/23/14** | **05/24/14 14:31** | **140523L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acenaphthene | 10.00 | 8.813 | 88 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.483 | 85 | 52-120 | 41-131 | |
| Butyl Benzyl Phthalate | 10.00 | 9.200 | 92 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 10.19 | 102 | 55-121 | 44-132 | |
| 2-Chlorophenol | 10.00 | 9.184 | 92 | 58-124 | 47-135 | |
| 1,4-Dichlorobenzene | 10.00 | 8.919 | 89 | 42-132 | 27-147 | |
| Dimethyl Phthalate | 10.00 | 8.520 | 85 | 51-123 | 39-135 | |
| 2,4-Dinitrotoluene | 10.00 | 11.28 | 113 | 51-129 | 38-142 | |
| Fluorene | 10.00 | 9.682 | 97 | 54-126 | 42-138 | |
| N-Nitroso-di-n-propylamine | 10.00 | 8.762 | 88 | 40-136 | 24-152 | |
| Naphthalene | 10.00 | 9.200 | 92 | 32-146 | 13-165 | |
| 4-Nitrophenol | 10.00 | 12.46 | 125 | 24-126 | 7-143 | |
| Pentachlorophenol | 10.00 | 8.277 | 83 | 23-131 | 5-149 | |
| Phenol | 10.00 | 9.068 | 91 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 8.922 | 89 | 47-143 | 31-159 | |
| 1,2,4-Trichlorobenzene | 10.00 | 9.345 | 93 | 45-129 | 31-143 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-549-2937** | **LCS** | **Solid** | **GC/MS TT** | **05/23/14** | **05/25/14 10:26** | **140523L16** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acenaphthene | 10.00 | 8.821 | 88 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.518 | 85 | 52-120 | 41-131 | |
| Butyl Benzyl Phthalate | 10.00 | 9.757 | 98 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.795 | 98 | 55-121 | 44-132 | |
| 2-Chlorophenol | 10.00 | 9.003 | 90 | 58-124 | 47-135 | |
| 1,4-Dichlorobenzene | 10.00 | 8.748 | 87 | 42-132 | 27-147 | |
| Dimethyl Phthalate | 10.00 | 8.955 | 90 | 51-123 | 39-135 | |
| 2,4-Dinitrotoluene | 10.00 | 11.60 | 116 | 51-129 | 38-142 | |
| Fluorene | 10.00 | 9.534 | 95 | 54-126 | 42-138 | |
| N-Nitroso-di-n-propylamine | 10.00 | 8.706 | 87 | 40-136 | 24-152 | |
| Naphthalene | 10.00 | 9.050 | 91 | 32-146 | 13-165 | |
| 4-Nitrophenol | 10.00 | 11.02 | 110 | 24-126 | 7-143 | |
| Pentachlorophenol | 10.00 | 7.375 | 74 | 23-131 | 5-149 | |
| Phenol | 10.00 | 8.709 | 87 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.400 | 94 | 47-143 | 31-159 | |
| 1,2,4-Trichlorobenzene | 10.00 | 9.193 | 92 | 45-129 | 31-143 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-796-8488** | **LCS** | **Solid** | **GC/MS Q** | **05/16/14** | **05/16/14 14:23** | **140516L016** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 50.00 | 46.35 | 93 | 78-120 | 71-127 | |
| Carbon Tetrachloride | 50.00 | 45.22 | 90 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.26 | 97 | 79-120 | 72-127 | |
| 1,2-Dibromoethane | 50.00 | 47.15 | 94 | 80-120 | 73-127 | |
| 1,2-Dichlorobenzene | 50.00 | 47.35 | 95 | 75-120 | 68-128 | |
| 1,2-Dichloroethane | 50.00 | 46.78 | 94 | 80-120 | 73-127 | |
| 1,1-Dichloroethene | 50.00 | 51.01 | 102 | 74-122 | 66-130 | |
| Ethylbenzene | 50.00 | 46.91 | 94 | 76-120 | 69-127 | |
| Toluene | 50.00 | 47.14 | 94 | 77-120 | 70-127 | |
| Trichloroethene | 50.00 | 49.31 | 99 | 80-120 | 73-127 | |
| Vinyl Chloride | 50.00 | 38.18 | 76 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 93.64 | 94 | 75-125 | 67-133 | |
| o-Xylene | 50.00 | 47.75 | 96 | 75-125 | 67-133 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.92 | 94 | 77-120 | 70-127 | |

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-505

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 5030C
Method: EPA 8260B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-796-8490** | **LCS** | **Solid** | **GC/MS Q** | **05/16/14** | **05/16/14 14:23** | **140516L017** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 50.00 | 46.35 | 93 | 78-120 | 71-127 | |
| Carbon Tetrachloride | 50.00 | 45.22 | 90 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.26 | 97 | 79-120 | 72-127 | |
| 1,2-Dibromoethane | 50.00 | 47.15 | 94 | 80-120 | 73-127 | |
| 1,2-Dichlorobenzene | 50.00 | 47.35 | 95 | 75-120 | 68-128 | |
| 1,2-Dichloroethane | 50.00 | 46.78 | 94 | 80-120 | 73-127 | |
| 1,1-Dichloroethene | 50.00 | 51.01 | 102 | 74-122 | 66-130 | |
| Ethylbenzene | 50.00 | 46.91 | 94 | 76-120 | 69-127 | |
| Toluene | 50.00 | 47.14 | 94 | 77-120 | 70-127 | |
| Trichloroethene | 50.00 | 49.31 | 99 | 80-120 | 73-127 | |
| Vinyl Chloride | 50.00 | 38.18 | 76 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 93.64 | 94 | 75-125 | 67-133 | |
| o-Xylene | 50.00 | 47.75 | 96 | 75-125 | 67-133 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.92 | 94 | 77-120 | 70-127 | |

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Sample Analysis Summary Report

Work Order: 14-05-1061



| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 650 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 776 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 46 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 31 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 58 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 513 | GC/MS TT | 1 |

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Calscience Environmental Laboratories, Inc.

# Glossary of Terms and Qualifiers

Work Order: 14-05-1061 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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HALEY & ALDRICH

3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

1061

| Project Name/Address: | Project /PO Number: |
|---|---|
| BGA 6633 Canoga Avenue Canoga Park CA | 325944-505 |
| **Project Manager:** KASRA NIKKhah | **Phone Number:** 619.285.7115, 619.517.3287 |
| **Sampled by (signature):** | **Fax Number:** |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C | CAM17 Metals 6000/7000 | Cr+6 7199 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0334 | 21 | CORE | BAG | 1 | 5/5/14 | 1120 | ICE | | | | | | | | | |
| DP-0335 | 22 | | | | 5/5/14 | 1220 | | X | X | X | | X | X | | | |
| DP-0337 | 23 | | | | 5/5/14 | 1440 | | X | X | X | | X | X | | | |
| DP-0340 | 24 | | | | 5/6/14 | 0858 | | X | X | X | | X | X | | | |
| DP-0325 | 25 | | | | 5/6/14 | 1133 | | | X | X | | X | X | | | |
| DP-0328 | 26 | | | | 5/6/14 | 1545 | | | X | X | | X | X | | | |
| DP-0330 | 27 | | | | 5/7/14 | 0700 | | | X | X | X | X | X | | | |
| DP-0315 | 28 | | | | 5/7/14 | 0905 | | | X | X | | X | X | | | |
| DP-0312 | 29 | | | | 5/7/14 | 1334 | | | X | X | | X | X | | | |
| DP-0310 | 30 | ↓ | ↓ | ↓ | 5/7/14 | 1415 | ↓ | | X | X | | X | X | | | |
| | | | | | | | | | | | | | | | | |
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| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| | 05/14/14 1120 | CEL | 05/14/14 11.20 |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| | 5/14/14 13.15 | Dannyle CEL | 5/14/14 1315 |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Analysis Required

Lab Name: CALScience

Lab Address: 7440 Lincoln Way Garden Grove CA.

Turnaround Time (Check)
24 Hours ___ 5 Days ___
48 Hours ___ 10 Days ___
72 Hours ___ Other ___

Sample Integrity (Check):
On Ice ___ Intact ___



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HALEY & ALDRICH

3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

| Project Name/Address: | Project /PO Number: |
|---|---|
| BGA<br>6633 Canoga Avenue<br>Canoga Park CA | 32554-505 |
| **Project Manager:** KASRA NOKHAH | **Phone Number:** 619.285.7115/619.517.3287 |
| **Sampled by (signature):** | **Fax Number:** |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C | CAM 17 Metals 6000/7000 | Cr6+ 7199 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0311 | | SOIL CORE | BAG | 1 | 5/9/14 | 0800 | ICE | | X | X | | X | X | | | |
| DP-0345 | | | | | 5/12/14 | 1333 | | | X | X | | X | X | | | |
| DP-0329 | | | | | 5/12/14 SB | 12:30 SB | | | X | X | | X | X | | | |
| DP-0304 | | | | | 5/12/14 | 1450 | | | X | X | | X | X | | | |
| DP-0303 | | | | | 5/12/14 | 1453 | | | X | X | | X | X | | | |
| DP-0346 | | | | | 5/13/14 | 0800 | | | X | X | X | X | X | | | |
| DP-0344 | | | | | 5/13/14 | 0930 | | | X | X | X | X | X | | | |
| DP-0336 | | | | | 5/13/14 | 1045 | | | X | X | X | X | X | | | |
| DP-0339 | | | | | 5/13/14 | 1050 | | | X | X | X | X | X | | | |
| DP-0333 | | | | | 5/13/14 SB | 16:15 SB | | | | X SB | X SB | X SB | X SB | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| | 05/14/14 1120 | CEL | 05/14/14 11:20 |
| Relinquished By: | Date/Time: 05/15/14 | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time (Check)
24 Hours ____ 5 Days ____
48 Hours ____ 10 Days ____
72 Hours ____ Other ____

Sample Integrity (Check):
On Ice ____ Intact ____



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HALEY & ALDRICH

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Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

**14-05-1061**

| | |
|---|---|
| Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA | Project /PO Number: 32594-505 |
| Project Manager: KARA NOWAKOWSKI | Phone Number: 619.285.7115/619.5173287 |
| Sampled by (signature): | Fax Number: |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | Analysis Required: VOCs 8260B | SVOCs/PAHs 8270C | CAM 17 Metals 6000/7000 | Cr6+ 7199 | PCBs 8082 | 8015M TPH | | | Lab Name | Lab Address | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0311 | 1 | SOIL CORE | BAG | 1 | 5/9/14 | 0800 | ICE | | X | X | | X | X | | | | | |
| DP-0345 | 2 | | | | 5/12/14 | 1333 | | | X | X | | X | X | | | | | |
| DP-0329 | 3 | | | | | | | | X | X | | X | X | | | | | |
| DP-0304 | 4 | | | | 5/12/14 | 1450 | | | X | X | | X | X | | | | | |
| DP-0303 | 5 | | | | 5/12/14 | 1453 | | | X | X | | X | X | | | | | |
| DP-0346 | 6 | | | | 5/13/14 | 0800 | | | X | X | X | X | X | | | | | |
| DP-0344 | 7 | | | | 5/13/14 | 0930 | | | X | X | X | X | X | | | | | |
| DP-0338 | 8 | | | | 5/13/14 | 1045 | | | X | X | X | X | X | | | | | |
| DP-0339 | 9 | | | | 5/13/14 | 1050 | | | X | X | X | X | X | | | | | |
| DP-0333 | 10 | | | | | | | | | | | | | | | | | |

| | | | | |
|---|---|---|---|---|
| Relinquished By: | Date/Time: 05/14/14 1P.S | Received By: CEL | Date/Time: 05/14/14 11.20 | Turnaround Time (Check) 24 Hours ___ 5 Days ___ |
| Relinquished By: | Date/Time: 5/14/14 13.15 | Received By: CEL | Date/Time: 5/14/14 13:15 | 48 Hours ___ 10 Days ___ 72 Hours ___ Other ___ |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: | Sample Integrity (Check): On Ice ___ Intact ___ |



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HALEY & ALDRICH

3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

1061

| | |
|---|---|
| Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA | Project /PO Number: 325594-505 |
| Project Manager: KASRA NOKKhah | Phone Number: 619.285.7115 / 619.517.3287 |
| Sampled by (signature): | Fax Number: |

Analysis Required

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C/SIM | CAM17 Metals 6000/7000 | Cr6+ 7196 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0318 | 11 | CONC CORE | BAG | 1 | 5/7/14 | 1605 | ICE | | X | X | | X | X | | | |
| DP-0317 | 12 | | | | 5/11/14 | 730 | | | X | X | | X | X | | | |
| DP-0319 | 13 | | | | 5/8/14 | 940 | | | X | X | | X | X | | | |
| DP-0309 | 14 | | | | 5/8/14 | 1100 | | X | X | X | X | X | X | | | |
| DP-0308 | 15 | | | | 5/8/14 | 1530 | | | X | X | | X | X | | | |
| DP-0306 | 16 | | | | 5/9/14 | ~~0800~~ 1245 | | X | X | | | | X | | | |
| DP-0313 | 17 | | | | 5/9/14 | 0900 | | | X | X | | X | X | | | |
| DP-0314 | 18 | | | | 5/9/14 | 1010 | | | X | X | | X | X | | | |
| DP-0324 | 19 | | | | 5/12/14 | 0800 | | X | X | X | X | X | X | | | |
| DP-0321 | 20 | ↓ | ↓ | ↓ | 5/12/14 | 0845 | ↓ | X | X | X | X | X | X | | | |
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|---|---|---|---|---|
| Relinquished By: | Date/Time: 05/14/14 11:20 | Received By: CEE | Date/Time: 05/14/14 11:20 | Turnaround Time (Check) 24 Hours ___ 5 Days ___ |
| Relinquished By: | Date/Time: 5/14/14 13:15 | Received By: Danny Le CEE | Date/Time: 5/14/14 13:15 | 48 Hours ___ 10 Days ___ |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: | 72 Hours ___ Other ___ |
| | | | | Sample Integrity (Check): On Ice ___ Intact ___ |

Lab Name: CALSCIENCE

Lab Address: 7040 Lincoln Way Garden Grove CA



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HALEY & ALDRICH

3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

1061

| | |
|---|---|
| Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA | Project /PO Number: 320594-505 |
| Project Manager: KASRA NIKKhah | Phone Number: 619.285.7115, 619.517.3287 |
| Sampled by (signature): Jeff Bohn | Fax Number: |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C | CAM17 Metals 6000/7000 | Cr+6 7199 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0334 | 21 | CORE | BAG | 1 | 5/5/14 | 1120 | ICE | | | | | | | | | |
| DP-0335 | 22 | | | | 5/5/14 | 1220 | | X | X | X | | X | X | | | |
| DP-0337 | 23 | | | | 5/5/14 | 1440 | | X | X | X | | X | X | | | |
| DP-0340 | 24 | | | | 5/6/14 | 0858 | | X | X | X | | X | X | | | |
| DP-0325 | 25 | | | | 5/6/14 | 1133 | | | X | X | | X | X | | | |
| DP-0328 | 26 | | | | 5/6/14 | 1545 | | | X | X | | X | X | | | |
| DP-0330 | 27 | | | | 5/7/14 | 0700 | | | X | X | X | X | X | | | |
| DP-0315 | 28 | | | | 5/7/14 | 0905 | | | X | X | | X | X | | | |
| DP-0312 | 29 | | | | 5/7/14 | 1334 | | | X | X | | X | X | | | |
| DP-0310 | 30 | ↓ | ↓ | ↓ | 5/7/14 | 1415 | ↓ | | X | X | | X | X | | | |
| | | | | | | | | | | | | | | | | |
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Analysis Required

Lab Name: CALScience

Lab Address: 7440 Lincoln Way Garden Grove CA.

| | | | |
|---|---|---|---|
| Relinquished By: Jeff Bohn | Date/Time: 05/14/14 1120 | Received By: CEL | Date/Time: 05/14/14 11.20 |
| Relinquished By: | Date/Time: 5/14/14 13.15 | Received By: Dannyle CEL | Date/Time: 5/14/14 1315 |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time (Check)
24 Hours ___ 5 Days ___
48 Hours ___ 10 Days ___
72 Hours ___ Other ___

Sample Integrity (Check):
On Ice ___ Intact ___



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1061

# SAMPLE RECEIPT FORM

Cooler 1 of 3

CLIENT: HALEY & ALDRICH

DATE: 05/14/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.3 °C - 0.3 °C (CF) = 3.0 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 804

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 806

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☐ | ☑ | ☐ |
| ** ☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels. (-3)(-10) | | | |
| * ☐ No analysis requested. (-21)(-10) ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z_____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 806

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope Reviewed by: 802

Preservative: **h:** HCL **n:** $HNO_3$ **$na_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered Scanned by: 802

** (-3), (-10) No collection date/time on label, 806



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1061

# SAMPLE RECEIPT FORM

Cooler 2 of 3

CLIENT: HALEY & ALDRICH DATE: 05/14/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 804

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 806

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z_____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 806

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: SR

Preservative: h: HCL n: $HNO_3$ $na_2$:$Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: SR



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1061

# SAMPLE RECEIPT FORM

Cooler 3 of 3

CLIENT: HALEY & ALDRICH

DATE: 05/14/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.1 °C - 0.3 °C (CF) = 2.8 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: BCY

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: BCY

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: SW

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z _____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: SW

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: SW

Preservative: h: HCL n: $HNO_3$ $na_2$:$Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: SW



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1 0 6 1

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired – list sample ID(s) and test
- ☐ Insufficient quantities for analysis – list test
- ☑ Improper container(s) used – list test
- ☐ Improper preservative used – list test
- ☐ No preservative noted on COC or label – list test & notify lab
- ☐ Sample labels illegible – note test/container type
- ☐ Sample label(s) do not match COC – Note in comments
  - ☐ Sample ID
  - ☐ Date and/or Time Collected
  - ☐ Project Information
  - ☐ # of Container(s)
  - ☐ Analysis
- ☐ Sample container(s) compromised – Note in comments
  - ☐ Water present in sample container
  - ☐ Broken
- ☐ Sample container(s) not labeled
- ☐ Air sample container(s) compromised – Note in comments
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (Not transferred - duplicate bag submitted)
  - ☐ Leaking (transferred into Calscience Tedlar® Bag*)
  - ☐ Leaking (transferred into Client's Tedlar® Bag*)
- ☐ Other: _____

**Comments:**

(-14), (-16), (19-20), (22-24) Received sample in plastic bag.

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

Comments: _____

*Transferred at Client's request.

Initial / Date: SRC 05 1/14/14



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Calscience Environmental Laboratories, Inc.

Supplemental Report 1

Additional requested analyses are reported as a stand-alone report.

# CALSCIENCE

## WORK ORDER NUMBER: 14-05-1061

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** BGA / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 06/09/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

# Contents

Client Project Name: BGA / 32594-506
Work Order Number: 14-05-1061


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Calscience Environmental Laboratories, Inc.

# Work Order Narrative

Work Order: 14-05-1061 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain of Custody (COC) on 05/14/14. They were assigned to Work Order 14-05-1061.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Calscience Environmental Laboratories, Inc.

# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-05-1061 |
| | | Project Name: | BGA / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 05/14/14 13:15 |
| | | Number of Containers: | 30 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| DP-0311 | 14-05-1061-1 | 05/09/14 08:00 | 1 | Concrete |
| DP-0345 | 14-05-1061-2 | 05/12/14 13:33 | 1 | Concrete |
| DP-0329 | 14-05-1061-3 | 05/12/14 12:30 | 1 | Concrete |
| DP-0304 | 14-05-1061-4 | 05/12/14 14:50 | 1 | Concrete |
| DP-0303 | 14-05-1061-5 | 05/12/14 14:53 | 1 | Concrete |
| DP-0318 | 14-05-1061-11 | 05/07/14 16:05 | 1 | Concrete |
| DP-0317 | 14-05-1061-12 | 05/07/14 07:30 | 1 | Concrete |
| DP-0319 | 14-05-1061-13 | 05/08/14 09:40 | 1 | Concrete |
| DP-0308 | 14-05-1061-15 | 05/08/14 15:30 | 1 | Concrete |
| DP-0306 | 14-05-1061-16 | 05/09/14 12:45 | 1 | Concrete |
| DP-0313 | 14-05-1061-17 | 05/09/14 09:00 | 1 | Concrete |
| DP-0314 | 14-05-1061-18 | 05/09/14 10:10 | 1 | Concrete |
| DP-0334 | 14-05-1061-21 | 05/05/14 11:20 | 1 | Concrete |
| DP-0335 | 14-05-1061-22 | 05/05/14 12:20 | 1 | Concrete |
| DP-0337 | 14-05-1061-23 | 05/05/14 14:40 | 1 | Concrete |
| DP-0340 | 14-05-1061-24 | 05/06/14 08:58 | 1 | Concrete |
| DP-0325 | 14-05-1061-25 | 05/06/14 11:33 | 1 | Concrete |
| DP-0328 | 14-05-1061-26 | 05/06/14 15:45 | 1 | Concrete |
| DP-0315 | 14-05-1061-28 | 05/07/14 09:05 | 1 | Concrete |
| DP-0312 | 14-05-1061-29 | 05/07/14 13:34 | 1 | Concrete |
| DP-0310 | 14-05-1061-30 | 05/07/14 14:15 | 1 | Concrete |

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Calscience Environmental Laboratories, Inc.

# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-05-1061
Project Name: BGA / 32594-506
Received: 05/14/14

Attn: Scott Boston



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0311 (14-05-1061-1) | | | | | | |
| Chromium, Hexavalent | 530 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0345 (14-05-1061-2) | | | | | | |
| Chromium, Hexavalent | 27000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0329 (14-05-1061-3) | | | | | | |
| Chromium, Hexavalent | 860 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0304 (14-05-1061-4) | | | | | | |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0317 (14-05-1061-12) | | | | | | |
| Chromium, Hexavalent | 660 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0319 (14-05-1061-13) | | | | | | |
| Chromium, Hexavalent | 2500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0308 (14-05-1061-15) | | | | | | |
| Chromium, Hexavalent | 720 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0313 (14-05-1061-17) | | | | | | |
| Chromium, Hexavalent | 2200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0314 (14-05-1061-18) | | | | | | |
| Chromium, Hexavalent | 2900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0334 (14-05-1061-21) | | | | | | |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0335 (14-05-1061-22) | | | | | | |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0337 (14-05-1061-23) | | | | | | |
| Chromium, Hexavalent | 7200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0340 (14-05-1061-24) | | | | | | |
| Chromium, Hexavalent | 3200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0325 (14-05-1061-25) | | | | | | |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0328 (14-05-1061-26) | | | | | | |
| Chromium, Hexavalent | 930 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0315 (14-05-1061-28) | | | | | | |
| Chromium, Hexavalent | 610 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0312 (14-05-1061-29) | | | | | | |
| Chromium, Hexavalent | 590 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0310 (14-05-1061-30) | | | | | | |
| Chromium, Hexavalent | 630 | | 400 | ug/kg | EPA 7199 | EPA 3060A |

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* MDL is shown

Calscience Environmental Laboratories, Inc.

## Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-05-1061<br>BGA / 32594-506<br>05/14/14 |
| Attn: | Scott Boston | | Page 2 of 2 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-506

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0311** | **14-05-1061-1-A** | **05/09/14 08:00** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:13** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 530 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0345** | **14-05-1061-2-A** | **05/12/14 13:33** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:19** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 27000 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0329** | **14-05-1061-3-A** | **05/12/14 12:30** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:26** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 860 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0304** | **14-05-1061-4-A** | **05/12/14 14:50** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:32** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0303** | **14-05-1061-5-A** | **05/12/14 14:53** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:39** | **140603L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0318** | **14-05-1061-11-A** | **05/07/14 16:05** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:45** | **140603L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0317** | **14-05-1061-12-A** | **05/07/14 07:30** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:52** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 660 | 400 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: BGA / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0319** | **14-05-1061-13-A** | **05/08/14 09:40** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:58** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2500 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0308** | **14-05-1061-15-A** | **05/08/14 15:30** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 21:05** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 720 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0306** | **14-05-1061-16-A** | **05/09/14 12:45** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 21:11** | **140603L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0313** | **14-05-1061-17-A** | **05/09/14 09:00** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 21:57** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2200 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0314** | **14-05-1061-18-A** | **05/09/14 10:10** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:03** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2900 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0334** | **14-05-1061-21-A** | **05/05/14 11:20** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:10** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0335** | **14-05-1061-22-A** | **05/05/14 12:20** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:16** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0337** | **14-05-1061-23-A** | **05/05/14 14:40** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:23** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 7200 | 400 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Calscience Environmental Laboratories, Inc.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: BGA / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0340** | **14-05-1061-24-A** | **05/06/14 08:58** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:29** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 3200 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0325** | **14-05-1061-25-A** | **05/06/14 11:33** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:36** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0328** | **14-05-1061-26-A** | **05/06/14 15:45** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:42** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 930 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0315** | **14-05-1061-28-A** | **05/07/14 09:05** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:49** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 610 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0312** | **14-05-1061-29-A** | **05/07/14 13:34** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 22:55** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 590 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0310** | **14-05-1061-30-A** | **05/07/14 14:15** | **Concrete** | **IC 11** | **06/03/14** | **06/04/14 14:09** | **140603L02P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 630 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2663** | **N/A** | **Solid** | **IC 11** | **06/03/14** | **06/03/14 20:00** | **140603L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2664** | **N/A** | **Solid** | **IC 11** | **06/03/14** | **06/04/14 13:56** | **140603L02P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-506

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0311** | **Sample** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 20:13** | **140603S01P** |
| **DP-0311** | **Matrix Spike** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 21:18** | **140603S01P** |
| **DP-0311** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **06/03/14** | **06/03/14 21:24** | **140603S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 529.2 | 40000 | 43850 | 108 | 41980 | 104 | 75-125 | 4 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-506

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0310** | **Sample** | **Concrete** | **IC 11** | **06/03/14** | **06/04/14 14:09** | **140603S02P** |
| **DP-0310** | **Matrix Spike** | **Concrete** | **IC 11** | **06/03/14** | **06/04/14 14:15** | **140603S02P** |
| **DP-0310** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **06/03/14** | **06/04/14 14:22** | **140603S02P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 632.0 | 40000 | 42960 | 106 | 42940 | 106 | 75-125 | 0 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-506

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2663** | **LCS** | **Solid** | **IC 11** | **06/03/14** | **06/03/14 20:06** | **140603L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 21620 | 108 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGA / 32594-506

Date Received: 05/14/14
Work Order: 14-05-1061
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2664** | **LCS** | **Solid** | **IC 11** | **06/03/14** | **06/04/14 14:02** | **140603L02P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20300 | 101 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

Calscience Environmental Laboratories, Inc.

# Sample Analysis Summary Report

Work Order: 14-05-1061



| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 7199 | EPA 3060A | 811 | IC 11 | 1 |

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Calscience Environmental Laboratories, Inc.

# Glossary of Terms and Qualifiers

Work Order: 14-05-1061 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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REVISED COC RECEIVED FROM SCOTT BOSTON (HALEY) ON 6/2/14 @ 1340- VIRENDRA

# CHAIN OF CUSTODY FORM

HALEY & ALDRICH
3187 Red Hill Avenue, Suite 150
Costa Mesa, CA 92626
(714) 371-1800 Fax (714) 371-1883

14-05-1061

| Project Name/Address: | Project /PO Number: | Analysis Required | Lab Name: |
|---|---|---|---|
| BGI/UTC 6633canoga Avenue, Canoga Park CA | 32594-506 | | Calscience |
| Project Manager: Kasra Nikkhah | Phone Number: 951.288.9371 | | Lab Address: 7040 Lincoln Way Garden Grove, CA |
| Sampled by (signature): Scott Boston | Fax Number: | | |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | PCBs 8082 | Chrome 6+ 7199 | | | | | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0311 | 1 | Conc. Co | Bag | 1 | 5/9/2014 | 800 | | | X | | | | | | | Currently in Custody |
| DP-0345 | 2 | Conc. Co | Bag | 1 | 5/12/2014 | 1303 | | | X | | | | | | | Currently in Custody |
| DP-0329 | 3 | Conc. Co | Bag | 1 | 5/12/2014 | 1230 | | | X | | | | | | | Currently in Custody |
| DP-0304 | 4 | Conc. Co | Bag | 1 | 5/12/2014 | 1450 | | | X | | | | | | | Currently in Custody |
| DP-0303 | 5 | Conc. Co | Bag | 1 | 5/12/2014 | 1453 | | | X | | | | | | | Currently in Custody |
| DP-0318 | 11 | Conc. Co | Bag | 1 | 5/7/2014 | 1605 | | | X | | | | | | | Currently in Custody |
| DP-0317 | 12 | Conc. Co | Bag | 1 | 5/7/2014 | 730 | | | X | | | | | | | Currently in Custody |
| DP-0319 | 13 | Conc. Co | Bag | 1 | 5/8/2014 | 940 | | | X | | | | | | | Currently in Custody |
| DP-0308 | 15 | Conc. Co | Bag | 1 | 5/8/2014 | 1530 | | | X | | | | | | | Currently in Custody |
| DP-0306 | 16 | Conc. Co | Bag | 1 | 5/9/2014 | 1245 | | X | X | | | | | | | Currently in Custody |
| DP-0313 | 17 | Conc. Co | Bag | 1 | 5/9/2014 | 900 | | | X | | | | | | | Currently in Custody |
| DP-0314 | 18 | Conc. Co | Bag | 1 | 5/9/2014 | 1010 | | | X | | | | | | | Currently in Custody |
| DP-0334 | 21 | Conc. Co | Bag | 1 | 5/5/2014 | 905 | | | X | | | | | | | Currently in Custody |
| DP-0335 | 22 | Conc. Co | Bag | 1 | 5/5/2014 | 1334 | | | X | | | | | | | Currently in Custody |
| DP-0337 | 23 | Conc. Co | Bag | 1 | 5/5/2014 | 1440 | | | X | | | | | | | Currently in Custody |

| | | | | |
|---|---|---|---|---|
| Relinquished By: Scott Boston | 6/02/2014 1330 | Received By: | Date/Time: | Turnaround Time (Check) 24 Hours ____ 5 Days ____ |
| Relinquished By: | Date/Time: | Received By: | Date/Time: | 48 Hours ____ 10 Days ____ |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: | 72 Hours ____ Other ____ |
| | | | | Sample Integrity (Check): On Ice X Intact ____ |





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REVISED COC RECEIVED FROM SCOTT BOSTON (HALEY) ON 06/02/14 @ 1340

HALEY & ALDRICH
3187 Red Hill Avenue, Suite 150
Costa Mesa, CA 92626
(714) 371-1800 Fax (714) 371-1883

# CHAIN OF CUSTODY FORM

14-05-1061

| Project Name/Address: | Project /PO Number: | Lab Name: |
|---|---|---|
| BGI/UTC 6633canoga Avenue, Canoga Park CA | 32594-506 | Calscience |
| Project Manager: Kasra Nikkhah | Phone Number: 951.288.9371 | Lab Address: 7040 Lincoln Way, Garden Grove, CA |
| Sampled by (signature): Scott Boston | Fax Number: | |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | Analysis Required: PCBs 8082 | Chrome 6+ 7199 | | | | | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0340 | 24 | Conc. Co | Bag | 1 | 5/6/2014 | 858 | | | X | | | | | | | Currently in Custody |
| DP-0325 | 25 | Conc. Co | Bag | 1 | 5/6/2014 | 1133 | | | X | | | | | | | Currently in Custody |
| DP-0328 | 26 | Conc. Co | Bag | 1 | 5/6/2014 | 1545 | | | X | | | | | | | Currently in Custody |
| DP-0315 | 28 | Conc. Co | Bag | 1 | 5/7/2014 | 905 | | | X | | | | | | | Currently in Custody |
| DP-0312 | 29 | Conc. Co | Bag | 1 | 5/7/2014 | 1334 | | | X | | | | | | | Currently in Custody |
| DP-0310 | 30 | Conc. Co | Bag | 1 | 5/7/2014 | 1415 | | | X | | | | | | | Currently in Custody |
| | | | | | | | | | | | | | | | | |
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| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| Scott Boston | 6/02/2014 1330 | | |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time (Check)
24 Hours ____ 5 Days ____
48 Hours ____ 10 Days ____
72 Hours ____ Other ____

Sample Integrity (Check):
On Ice X Intact ____





Return to Contents

HALEY & ALDRICH
3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

(1061)

Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA

Project /PO Number: 32594-505

Project Manager: KASRA N. KKhah

Phone Number: 619.285.7115. 619.517.3287

Sampled by (signature): [signature]

Fax Number:

Lab Name: CALScience

Lab Address: 7040 Lincoln Way Garden Grove CA.

Analysis Required

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C | CAM17 Metals 6000/7000 | Cr+6 7199 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0334 | 21 | CONC CORE | BAG | 1 | 5/5/14 | 1120 | ICE | | | | | | | | | |
| DP-0335 | 22 | | | | 5/5/14 | 1220 | | X | X | X | | X | X | | | |
| DP-0337 | 23 | | | | 5/5/14 | 1440 | | X | X | X | | X | X | | | |
| DP-0340 | 24 | | | | 5/6/14 | 0858 | | X | X | X | | X | X | | | |
| DP-0325 | 25 | | | | 5/6/14 | 1133 | | | X | X | | X | X | | | |
| DP-0328 | 26 | | | | 5/6/14 | 1545 | | | X | X | | X | X | | | |
| DP-0330 | 27 | | | | 5/7/14 | 0700 | | | X | X | X | X | X | | | |
| DP-0315 | 28 | | | | 5/7/14 | 0905 | | | X | X | | X | X | | | |
| DP-0312 | 29 | | | | 5/7/14 | 1334 | | | X | X | | X | X | | | |
| DP-0310 | 30 | | | | 5/7/14 | 1415 | | | X | X | | X | X | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| [signature] | 05/14/14 1120 | [signature] CEL | 05/14/14 11.20 |
| [signature] | 5/14/14 13.15 | Danny Le CEL | 5/14/14 13:15 |
| | | | |

Turnaround Time (Check)
24 Hours ____ 5 Days ____
48 Hours ____ 10 Days ____
72 Hours ____ Other ____

Sample Integrity (Check):
On Ice ____ Intact ____





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HALEY & ALDRICH
3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA

Project /PO Number: 32594-505

Project Manager: KASRA N. KKHah

Phone Number: 619.285.7115/619.517.3287

Sampled by (signature): [signature]

Fax Number:

Analysis Required

Lab Name:

Lab Address:

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C | CAM 17 Metals 6000/7000 | Cr6+ 7199 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0311 | | conc core | BAG | 1 | 5/9/14 | 0800 | ICE | | X | X | | X | X | | | |
| DP-0345 | | | | | 5/12/14 | 1333 | | | X | X | | X | X | | | |
| DP-0329 | | | | | 5/12/14 SB | 12:30 SB | | | X | X | | X | X | | | |
| DP-0304 | | | | | 5/12/14 | 1450 | | | X | X | | X | X | | | |
| DP-0303 | | | | | 5/12/14 | 1453 | | | X | X | | X | X | | | |
| DP-0346 | | | | | 5/13/14 | 0800 | | | X | X | X | X | X | | | |
| DP-0344 | | | | | 5/13/14 | 0930 | | | X | X | X | X | X | | | |
| DP-0338 | | | | | 5/13/14 | 1045 | | | X | X | X | X | X | | | |
| DP-0339 | | | | | 5/13/14 | 1050 | | | X | X | X | X | X | | | |
| DP-0333 | | | | | 5/13/14 SB | 16:15 SB | | | | X SB | X SB | X SB | X SB | | | |
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| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| [signature] | 05/14/14 1120 | [signature] CEL | 05/14/14 11:20 |
| [signature] | 05/15/14 | | |
| | | Received in Lab By: | |

Turnaround Time (Check)
24 Hours ____ 5 Days ____
48 Hours ____ 10 Days ____
72 Hours ____ Other ____

Sample Integrity (Check):
On Ice ____ Intact ____





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HALEY & ALDRICH

3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

**14-05-1061**

| | |
|---|---|
| Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA | Project /PO Number: 32594-505 |
| Project Manager: KARA NOWAKOWSKI | Phone Number: 619.285.7115/619.5173287 |
| Sampled by (signature): | Fax Number: |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives |
|---|---|---|---|---|---|---|---|
| DP-0311 | 1 | SOIL CORE | BAG | 1 | 5/9/14 | 0800 | ICE |
| DP-0345 | 2 | | | | 5/12/14 | 1333 | |
| DP-0329 | 3 | | | | | | |
| DP-0304 | 4 | | | | 5/12/14 | 1450 | |
| DP-0303 | 5 | | | | 5/12/14 | 1453 | |
| DP-0346 | 6 | | | | 5/13/14 | 0800 | |
| DP-0344 | 7 | | | | 5/13/14 | 0930 | |
| DP-0338 | 8 | | | | 5/13/14 | 1045 | |
| DP-0339 | 9 | | | | 5/13/14 | 1050 | |
| DP-0333 | 10 | | | | | | |

Analysis Required

| VOCs 8260B | SVOCs/PAHs 8270C | CAM 17 Metals 6000/7000 | Cr6+ 7199 | PCBs 8082 | 8015M TPH | | |
|---|---|---|---|---|---|---|---|
| | X | X | | X | X | | |
| | X | X | | X | X | | |
| | X | X | | X | X | | |
| | X | X | | X | X | | |
| | X | X | | X | X | | |
| | X | X | X | X | X | | |
| | X | X | X | X | X | | |
| | X | X | X | X | X | | |
| | X | X | X | X | X | | |

Lab Name:

Lab Address:

Special Instructions

| Relinquished By | Date/Time | Received By | Date/Time |
|---|---|---|---|
| | 05/14/14 1P.S | CEL | 05/14/14 11.20 |
| | 5/14/14 13.15 | CEL | 5/14/14 13:15 |
| | | Received in Lab By: | Date/Time: |

Turnaround Time (Check)
24 Hours ____ 5 Days ____
48 Hours ____ 10 Days ____
72 Hours ____ Other ____

Sample Integrity (Check):
On Ice ____ Intact ____





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HALEY & ALDRICH

3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

1061

| | |
|---|---|
| Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA | Project /PO Number: 325594-505 |
| Project Manager: KASRA N. KKhah | Phone Number: 619.285.7115 / 619.517.3287 |
| Sampled by (signature): | Fax Number: |

Analysis Required

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C/SIM | CAM17 Metals 6000/7000 | Cr6+ 7196 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0318 | 11 | SOIL CORE | BAG | 1 | 5/7/14 | 1605 | ICE | | X | X | | X | X | | | |
| DP-0317 | 12 | | | | 5/11/14 | 730 | | | X | X | | X | X | | | |
| DP-0319 | 13 | | | | 5/8/14 | 940 | | | X | X | | X | X | | | |
| DP-0309 | 14 | | | | 5/8/14 | 1100 | | X | X | X | X | X | X | | | |
| DP-0308 | 15 | | | | 5/8/14 | 1530 | | | X | X | | X | X | | | |
| DP-0306 | 16 | | | | 5/9/14 | ~~0800~~ 1245 | | X | X | | | | X | | | |
| DP-0313 | 17 | | | | 5/9/14 | 0900 | | | X | X | | X | X | | | |
| DP-0314 | 18 | | | | 5/9/14 | 1010 | | | X | X | | X | X | | | |
| DP-0324 | 19 | | | | 5/12/14 | 0800 | | X | X | X | X | X | X | | | |
| DP-0321 | 20 | | | | 5/12/14 | 0845 | | X | X | X | X | X | X | | | |
| | | | | | | | | | | | | | | | | |
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Lab Name: CALSCIENCE

Lab Address: 7040 Lincoln Way Garden Grove CA

| | | | |
|---|---|---|---|
| Relinquished By: | Date/Time: 05/14/14 11:20 | Received By: CEE | Date/Time: 05/14/14 11:20 |
| Relinquished By: | Date/Time: 5/14/14 13:15 | Received By: Danny Le CEE | Date/Time: 5/14/14 13:15 |
| Relinquished By: | Date/Time: | Received in Lab By: | Date/Time: |

Turnaround Time (Check)
24 Hours ___ 5 Days ___
48 Hours ___ 10 Days ___
72 Hours ___ Other ___

Sample Integrity (Check):
On Ice ___ Intact ___



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HALEY & ALDRICH
3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3410
(714) 371-1800 Fax (714) 641-2811

# CHAIN OF CUSTODY FORM

(1061)

Project Name/Address: BGA 6633 Canoga Avenue Canoga Park CA

Project /PO Number: 32594-505

Project Manager: KASRA N. KKhah

Phone Number: 619.285.7115. 619.517.3287

Sampled by (signature): [signature]

Fax Number:

Lab Name: CALScience

Lab Address: 7040 Lincoln Way Garden Grove CA.

Analysis Required

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | VOCs 8260B | SVOCs/PAHs 8270C | CAM17 Metals 6000/7000 | Cr+6 7199 | PCBs 8082 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0334 | 21 | CONC CORE | BAG | 1 | 5/5/14 | 1120 | ICE | | | | | | | | | |
| DP-0335 | 22 | | | | 5/5/14 | 1220 | | X | X | X | | X | X | | | |
| DP-0337 | 23 | | | | 5/5/14 | 1440 | | X | X | X | | X | X | | | |
| DP-0340 | 24 | | | | 5/6/14 | 0858 | | X | X | X | | X | X | | | |
| DP-0325 | 25 | | | | 5/6/14 | 1133 | | | X | X | | X | X | | | |
| DP-0328 | 26 | | | | 5/6/14 | 1545 | | | X | X | | X | X | | | |
| DP-0330 | 27 | | | | 5/7/14 | 0700 | | | X | X | X | X | X | | | |
| DP-0315 | 28 | | | | 5/7/14 | 0905 | | | X | X | | X | X | | | |
| DP-0312 | 29 | | | | 5/7/14 | 1334 | | | X | X | | X | X | | | |
| DP-0310 | 30 | | | | 5/7/14 | 1415 | | | X | X | | X | X | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| [signature] | 05/14/14 1120 | [signature] CEL | 05/14/14 11.20 |
| [signature] | 5/14/14 13.15 | Danny Le CEL | 5/14/14 13:15 |
| | | | |

Turnaround Time (Check)
24 Hours ____ 5 Days ____
48 Hours ____ 10 Days ____
72 Hours ____ Other ____

Sample Integrity (Check):
On Ice ____ Intact ____

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1067

# SAMPLE RECEIPT FORM

Cooler 1 of 3

CLIENT: HALEY & ALDRICH

DATE: 05/14/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.3 °C - 0.3 °C (CF) = 3.0 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 804

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 806

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☐ | ☑ | ☐ |
| ** ☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels. (-3)(-10) | | | |
| * ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. * (-21)(-10) | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z_____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 806

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope Reviewed by: 802

Preservative: **h:** HCL **n:** $HNO_3$ **$na_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered Scanned by: 802

** (-3), (-10) No collection date/time on label, 806



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1061

# SAMPLE RECEIPT FORM

Cooler 2 of 3

CLIENT: HALEY & ALDRICH

DATE: 05/14/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 804

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 804

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑ Z

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 806

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: SR

Preservative: h: HCL n: $HNO_3$ $na_2$:$Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: SR



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1 0 6 1

# SAMPLE RECEIPT FORM

Cooler 3 of 3

CLIENT: HALEY & ALDRICH

DATE: 05/14/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.1 °C - 0.3 °C (CF) = 2.8 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 804

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 816

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z _____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 816

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: 802

Preservative: h: HCL n: $HNO_3$ $na_2$:$Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: 802



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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 14-05-1061

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

**Comments:**

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired – list sample ID(s) and test
- ☐ Insufficient quantities for analysis – list test
- ☑ Improper container(s) used – list test — (-14), (-16), (19-20), (22-24) Received sample in plastic bag.
- ☐ Improper preservative used – list test
- ☐ No preservative noted on COC or label – list test & notify lab
- ☐ Sample labels illegible – note test/container type
- ☐ Sample label(s) do not match COC – Note in comments
  - ☐ Sample ID
  - ☐ Date and/or Time Collected
  - ☐ Project Information
  - ☐ # of Container(s)
  - ☐ Analysis
- ☐ Sample container(s) compromised – Note in comments
  - ☐ Water present in sample container
  - ☐ Broken
- ☐ Sample container(s) not labeled
- ☐ Air sample container(s) compromised – Note in comments
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (Not transferred - duplicate bag submitted)
  - ☐ Leaking (transferred into Calscience Tedlar® Bag*)
  - ☐ Leaking (transferred into Client's Tedlar® Bag*)
- ☐ Other: _____

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Comments: _____

*Transferred at Client's request.

Initial / Date: SRC 05 1/14/14



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# WORK ORDER NUMBER: 14-06-0203

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** BGI/UTC / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 06/16/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 14-06-0203


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# Work Order Narrative

Work Order: 14-06-0203 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 06/03/14. They were assigned to Work Order 14-06-0203.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-06-0203 |
| | | Project Name: | BGI/UTC / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 06/03/14 18:15 |
| | | Number of Containers: | 14 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| DP-0305 | 14-06-0203-1 | 05/08/14 14:30 | 1 | Solid |
| DP-0307 | 14-06-0203-2 | 05/08/14 16:20 | 1 | Solid |
| DP-0326 | 14-06-0203-3 | 05/06/14 11:33 | 1 | Solid |
| DP-0327A | 14-06-0203-4 | 05/06/14 14:45 | 1 | Solid |
| DP-0331 | 14-06-0203-5 | 05/06/14 14:00 | 1 | Solid |
| DP-0332 | 14-06-0203-6 | 05/06/14 12:20 | 1 | Solid |
| DP-0336 | 14-06-0203-7 | 05/05/14 14:07 | 1 | Solid |
| DP-0341 | 14-06-0203-8 | 05/05/14 15:10 | 1 | Solid |
| DP-0342 | 14-06-0203-9 | 05/05/14 12:20 | 1 | Solid |
| DP-0343 | 14-06-0203-10 | 05/12/14 10:45 | 1 | Solid |
| DP-0320 | 14-06-0203-11 | 05/07/14 09:05 | 1 | Solid |
| DP-0322 | 14-06-0203-12 | 05/07/14 08:55 | 1 | Solid |
| DP-0323 | 14-06-0203-13 | 05/07/14 09:00 | 1 | Solid |
| DP-0316 | 14-06-0203-14 | 05/08/14 08:50 | 1 | Solid |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-06-0203<br>BGI/UTC / 32594-506<br>06/03/14 |
| Attn: | Scott Boston | | Page 1 of 6 |

| Client SampleID<br>Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0305 (14-06-0203-1) | | | | | | |
| Arsenic | 0.990 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 67.0 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.78 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.82 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.0 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.49 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 5.32 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.99 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 10.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 36.6 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 930 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0307 (14-06-0203-2) | | | | | | |
| Arsenic | 1.84 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 87.6 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 21.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.23 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 30.7 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.90 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 3.32 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 10.0 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.5 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 59.5 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 660 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.183 | BU,ET | 0.0781 | mg/kg | EPA 7471A | EPA 7471A Total |
| DP-0326 (14-06-0203-3) | | | | | | |
| Arsenic | 11.5 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 172 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.384 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.5 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.20 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 13.6 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.87 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 1.14 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 30.7 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 53.1 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 32.5 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4100 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-06-0203<br>BGI/UTC / 32594-506<br>06/03/14 |
| Attn: | Scott Boston | | Page 2 of 6 |

| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0327A (14-06-0203-4) | | | | | | |
| Arsenic | 1.50 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 105 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.277 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.60 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.01 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 20.8 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.38 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.488 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.53 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.8 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 42.2 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 650 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0331 (14-06-0203-5) | | | | | | |
| Barium | 99.0 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.64 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.31 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.0 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.32 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.316 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.02 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.8 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 40.9 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0332 (14-06-0203-6) | | | | | | |
| Arsenic | 1.13 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 109 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.263 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.04 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.89 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 20.4 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.67 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.358 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.18 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.3 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.3 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| C6-C44 Total | 6.4 | BV,ET | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-06-0203<br>BGI/UTC / 32594-506<br>06/03/14 |
| Attn: | Scott Boston | | Page 3 of 6 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0336 (14-06-0203-7) | | | | | | |
| Arsenic | 2.10 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 97.0 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.92 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.02 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.2 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.15 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.444 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.10 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.8 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.7 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2500 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0341 (14-06-0203-8) | | | | | | |
| Arsenic | 1.62 | | 0.725 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 98.3 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.02 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.24 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.2 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.54 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.499 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.34 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.7 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.8 | | 0.966 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0342 (14-06-0203-9) | | | | | | |
| Arsenic | 1.92 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 114 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 1.64 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 14.9 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.26 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 80.6 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.28 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.535 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 38.6 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.961 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.0 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 64.6 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-06-0203<br>BGI/UTC / 32594-506<br>06/03/14 |
| Attn: | Scott Boston | | Page 4 of 6 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0343 (14-06-0203-10) | | | | | | |
| Arsenic | 18.3 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.4 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 15.9 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.84 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.2 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.03 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.718 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 12.1 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 27.2 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.8 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0320 (14-06-0203-11) | | | | | | |
| Arsenic | 2.00 | | 0.721 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 113 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.0 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.59 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.9 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.25 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.46 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.4 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 43.5 | | 0.962 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3900 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0322 (14-06-0203-12) | | | | | | |
| Arsenic | 1.45 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 110 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.27 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.98 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.5 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.43 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.440 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.32 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.6 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 46.1 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2100 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-06-0203<br>BGI/UTC / 32594-506<br>06/03/14 |
| Attn: | Scott Boston | | Page 5 of 6 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| DP-0323 (14-06-0203-13) | | | | | | |
| Arsenic | 1.66 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 87.8 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.93 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.56 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 19.1 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.48 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.373 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.48 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.0 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.7 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| DP-0316 (14-06-0203-14) | | | | | | |
| Arsenic | 3.97 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 106 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 13.0 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.61 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 14.0 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.64 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.528 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.05 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.4 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 28.1 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2800 | ET | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C17-C18 | 90 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 200 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 390 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 430 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 790 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1100 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 700 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 370 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 150 | BV,ET | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 4200 | BV,ET | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 170 | BV,ET | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 170 | BV,ET | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Benzyl Alcohol | 17 | BV,ET | 1.0 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 3.3 | BV,ET | 1.0 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-06-0203<br>BGI/UTC / 32594-506<br>06/03/14 |
| Attn: | Scott Boston | | Page 6 of 6 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|

Subcontracted analyses, if any, are not included in this summary.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:26** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 930 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:32** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 660 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:39** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 4100 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:45** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 650 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:52** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0332** | **14-06-0203-6-A** | **05/06/14 12:20** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:58** | **140609L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.
- Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | ET |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 14:05** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2500 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 14:11** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 14:18** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1800 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 14:24** | **140609L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 4500 | 400 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 15:16** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 3900 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 15:23** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2100 | 400 | 10.0 | ET |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 15:29** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 15:36** | **140609L01P** |

Comment(s): - Sample extracted outside recommended holding time.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | 2800 | 400 | 10.0 | ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2667** | **N/A** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:12** | **140609L01P** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 22:12** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 76 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 22:30** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 4.9 | 1.00 | BV,ET |
| C7 | ND | 4.9 | 1.00 | BV,ET |
| C8 | ND | 4.9 | 1.00 | BV,ET |
| C9-C10 | ND | 4.9 | 1.00 | BV,ET |
| C11-C12 | ND | 4.9 | 1.00 | BV,ET |
| C13-C14 | ND | 4.9 | 1.00 | BV,ET |
| C15-C16 | ND | 4.9 | 1.00 | BV,ET |
| C17-C18 | ND | 4.9 | 1.00 | BV,ET |
| C19-C20 | ND | 4.9 | 1.00 | BV,ET |
| C21-C22 | ND | 4.9 | 1.00 | BV,ET |
| C23-C24 | ND | 4.9 | 1.00 | BV,ET |
| C25-C28 | ND | 4.9 | 1.00 | BV,ET |
| C29-C32 | ND | 4.9 | 1.00 | BV,ET |
| C33-C36 | ND | 4.9 | 1.00 | BV,ET |
| C37-C40 | ND | 4.9 | 1.00 | BV,ET |
| C41-C44 | ND | 4.9 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 65 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 22:47** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 62 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 23:05** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 4.9 | 1.00 | BV,ET |
| C7 | ND | 4.9 | 1.00 | BV,ET |
| C8 | ND | 4.9 | 1.00 | BV,ET |
| C9-C10 | ND | 4.9 | 1.00 | BV,ET |
| C11-C12 | ND | 4.9 | 1.00 | BV,ET |
| C13-C14 | ND | 4.9 | 1.00 | BV,ET |
| C15-C16 | ND | 4.9 | 1.00 | BV,ET |
| C17-C18 | ND | 4.9 | 1.00 | BV,ET |
| C19-C20 | ND | 4.9 | 1.00 | BV,ET |
| C21-C22 | ND | 4.9 | 1.00 | BV,ET |
| C23-C24 | ND | 4.9 | 1.00 | BV,ET |
| C25-C28 | ND | 4.9 | 1.00 | BV,ET |
| C29-C32 | ND | 4.9 | 1.00 | BV,ET |
| C33-C36 | ND | 4.9 | 1.00 | BV,ET |
| C37-C40 | ND | 4.9 | 1.00 | BV,ET |
| C41-C44 | ND | 4.9 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 63 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 23:23** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 61 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0332** | **14-06-0203-6-A** | **05/06/14 12:20** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 23:41** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | 6.4 | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 90 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 23:59** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 70 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 00:17** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 00:35** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 90 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 01:10** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 70 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 01:27** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.1 | 1.00 | BV,ET |
| C7 | ND | 5.1 | 1.00 | BV,ET |
| C8 | ND | 5.1 | 1.00 | BV,ET |
| C9-C10 | ND | 5.1 | 1.00 | BV,ET |
| C11-C12 | ND | 5.1 | 1.00 | BV,ET |
| C13-C14 | ND | 5.1 | 1.00 | BV,ET |
| C15-C16 | ND | 5.1 | 1.00 | BV,ET |
| C17-C18 | ND | 5.1 | 1.00 | BV,ET |
| C19-C20 | ND | 5.1 | 1.00 | BV,ET |
| C21-C22 | ND | 5.1 | 1.00 | BV,ET |
| C23-C24 | ND | 5.1 | 1.00 | BV,ET |
| C25-C28 | ND | 5.1 | 1.00 | BV,ET |
| C29-C32 | ND | 5.1 | 1.00 | BV,ET |
| C33-C36 | ND | 5.1 | 1.00 | BV,ET |
| C37-C40 | ND | 5.1 | 1.00 | BV,ET |
| C41-C44 | ND | 5.1 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 66 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 01:45** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | BV,ET |
| C7 | ND | 5.0 | 1.00 | BV,ET |
| C8 | ND | 5.0 | 1.00 | BV,ET |
| C9-C10 | ND | 5.0 | 1.00 | BV,ET |
| C11-C12 | ND | 5.0 | 1.00 | BV,ET |
| C13-C14 | ND | 5.0 | 1.00 | BV,ET |
| C15-C16 | ND | 5.0 | 1.00 | BV,ET |
| C17-C18 | ND | 5.0 | 1.00 | BV,ET |
| C19-C20 | ND | 5.0 | 1.00 | BV,ET |
| C21-C22 | ND | 5.0 | 1.00 | BV,ET |
| C23-C24 | ND | 5.0 | 1.00 | BV,ET |
| C25-C28 | ND | 5.0 | 1.00 | BV,ET |
| C29-C32 | ND | 5.0 | 1.00 | BV,ET |
| C33-C36 | ND | 5.0 | 1.00 | BV,ET |
| C37-C40 | ND | 5.0 | 1.00 | BV,ET |
| C41-C44 | ND | 5.0 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 70 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 02:02** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 4.9 | 1.00 | BV,ET |
| C7 | ND | 4.9 | 1.00 | BV,ET |
| C8 | ND | 4.9 | 1.00 | BV,ET |
| C9-C10 | ND | 4.9 | 1.00 | BV,ET |
| C11-C12 | ND | 4.9 | 1.00 | BV,ET |
| C13-C14 | ND | 4.9 | 1.00 | BV,ET |
| C15-C16 | ND | 4.9 | 1.00 | BV,ET |
| C17-C18 | ND | 4.9 | 1.00 | BV,ET |
| C19-C20 | ND | 4.9 | 1.00 | BV,ET |
| C21-C22 | ND | 4.9 | 1.00 | BV,ET |
| C23-C24 | ND | 4.9 | 1.00 | BV,ET |
| C25-C28 | ND | 4.9 | 1.00 | BV,ET |
| C29-C32 | ND | 4.9 | 1.00 | BV,ET |
| C33-C36 | ND | 4.9 | 1.00 | BV,ET |
| C37-C40 | ND | 4.9 | 1.00 | BV,ET |
| C41-C44 | ND | 4.9 | 1.00 | BV,ET |
| C6-C44 Total | ND | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 99 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **GC 46** | **06/04/14** | **06/05/14 02:36** | **140604B08B** |

Comment(s): - The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 25 | 5.00 | BV,ET |
| C7 | ND | 25 | 5.00 | BV,ET |
| C8 | ND | 25 | 5.00 | BV,ET |
| C9-C10 | ND | 25 | 5.00 | BV,ET |
| C11-C12 | ND | 25 | 5.00 | BV,ET |
| C13-C14 | ND | 25 | 5.00 | BV,ET |
| C15-C16 | ND | 25 | 5.00 | BV,ET |
| C17-C18 | 90 | 25 | 5.00 | BV,ET |
| C19-C20 | 200 | 25 | 5.00 | BV,ET |
| C21-C22 | 390 | 25 | 5.00 | BV,ET |
| C23-C24 | 430 | 25 | 5.00 | BV,ET |
| C25-C28 | 790 | 25 | 5.00 | BV,ET |
| C29-C32 | 1100 | 25 | 5.00 | BV,ET |
| C33-C36 | 700 | 25 | 5.00 | BV,ET |
| C37-C40 | 370 | 25 | 5.00 | BV,ET |
| C41-C44 | 150 | 25 | 5.00 | BV,ET |
| C6-C44 Total | 4200 | 5.0 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 93 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-940** | **N/A** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 20:45** | **140604B08B** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| C6 | ND | 5.0 | 1.00 | |
| C7 | ND | 5.0 | 1.00 | |
| C8 | ND | 5.0 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 102 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:41** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | 0.990 | 0.735 | 0.980 | |
| Barium | 67.0 | 0.490 | 0.980 | |
| Beryllium | ND | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 7.78 | 0.245 | 0.980 | |
| Cobalt | 2.82 | 0.245 | 0.980 | |
| Copper | 21.0 | 0.490 | 0.980 | |
| Lead | 3.49 | 0.490 | 0.980 | |
| Molybdenum | 5.32 | 0.245 | 0.980 | |
| Nickel | 5.99 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 10.9 | 0.245 | 0.980 | |
| Zinc | 36.6 | 0.980 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:42** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | 1.84 | 0.735 | 0.980 | |
| Barium | 87.6 | 0.490 | 0.980 | |
| Beryllium | ND | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 21.9 | 0.245 | 0.980 | |
| Cobalt | 5.23 | 0.245 | 0.980 | |
| Copper | 30.7 | 0.490 | 0.980 | |
| Lead | 8.90 | 0.490 | 0.980 | |
| Molybdenum | 3.32 | 0.245 | 0.980 | |
| Nickel | 10.0 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 15.5 | 0.245 | 0.980 | |
| Zinc | 59.5 | 0.980 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:44** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.761 | 1.02 | |
| Arsenic | 11.5 | 0.761 | 1.02 | |
| Barium | 172 | 0.508 | 1.02 | |
| Beryllium | 0.384 | 0.254 | 1.02 | |
| Cadmium | ND | 0.508 | 1.02 | |
| Chromium | 11.5 | 0.254 | 1.02 | |
| Cobalt | 5.20 | 0.254 | 1.02 | |
| Copper | 13.6 | 0.508 | 1.02 | |
| Lead | 2.87 | 0.508 | 1.02 | |
| Molybdenum | 1.14 | 0.254 | 1.02 | |
| Nickel | 30.7 | 0.254 | 1.02 | |
| Selenium | ND | 0.761 | 1.02 | |
| Silver | ND | 0.254 | 1.02 | |
| Thallium | ND | 0.761 | 1.02 | |
| Vanadium | 53.1 | 0.254 | 1.02 | |
| Zinc | 32.5 | 1.02 | 1.02 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:45** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.995 | |
| Arsenic | 1.50 | 0.746 | 0.995 | |
| Barium | 105 | 0.498 | 0.995 | |
| Beryllium | 0.277 | 0.249 | 0.995 | |
| Cadmium | ND | 0.498 | 0.995 | |
| Chromium | 6.60 | 0.249 | 0.995 | |
| Cobalt | 5.01 | 0.249 | 0.995 | |
| Copper | 20.8 | 0.498 | 0.995 | |
| Lead | 8.38 | 0.498 | 0.995 | |
| Molybdenum | 0.488 | 0.249 | 0.995 | |
| Nickel | 6.53 | 0.249 | 0.995 | |
| Selenium | ND | 0.746 | 0.995 | |
| Silver | ND | 0.249 | 0.995 | |
| Thallium | ND | 0.746 | 0.995 | |
| Vanadium | 14.8 | 0.249 | 0.995 | |
| Zinc | 42.2 | 0.995 | 0.995 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGI/UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:46** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.758 | 1.01 | |
| Arsenic | ND | 0.758 | 1.01 | |
| Barium | 99.0 | 0.505 | 1.01 | |
| Beryllium | ND | 0.253 | 1.01 | |
| Cadmium | ND | 0.505 | 1.01 | |
| Chromium | 7.64 | 0.253 | 1.01 | |
| Cobalt | 4.31 | 0.253 | 1.01 | |
| Copper | 16.0 | 0.505 | 1.01 | |
| Lead | 4.32 | 0.505 | 1.01 | |
| Molybdenum | 0.316 | 0.253 | 1.01 | |
| Nickel | 5.02 | 0.253 | 1.01 | |
| Selenium | ND | 0.758 | 1.01 | |
| Silver | ND | 0.253 | 1.01 | |
| Thallium | ND | 0.758 | 1.01 | |
| Vanadium | 13.8 | 0.253 | 1.01 | |
| Zinc | 40.9 | 1.01 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0332** | **14-06-0203-6-A** | **05/06/14 12:20** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:47** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.980 | |
| Arsenic | 1.13 | 0.735 | 0.980 | |
| Barium | 109 | 0.490 | 0.980 | |
| Beryllium | 0.263 | 0.245 | 0.980 | |
| Cadmium | ND | 0.490 | 0.980 | |
| Chromium | 6.04 | 0.245 | 0.980 | |
| Cobalt | 4.89 | 0.245 | 0.980 | |
| Copper | 20.4 | 0.490 | 0.980 | |
| Lead | 6.67 | 0.490 | 0.980 | |
| Molybdenum | 0.358 | 0.245 | 0.980 | |
| Nickel | 5.18 | 0.245 | 0.980 | |
| Selenium | ND | 0.735 | 0.980 | |
| Silver | ND | 0.245 | 0.980 | |
| Thallium | ND | 0.735 | 0.980 | |
| Vanadium | 16.3 | 0.245 | 0.980 | |
| Zinc | 47.3 | 0.980 | 0.980 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:48** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.985 | |
| Arsenic | 2.10 | 0.739 | 0.985 | |
| Barium | 97.0 | 0.493 | 0.985 | |
| Beryllium | ND | 0.246 | 0.985 | |
| Cadmium | ND | 0.493 | 0.985 | |
| Chromium | 9.92 | 0.246 | 0.985 | |
| Cobalt | 5.02 | 0.246 | 0.985 | |
| Copper | 11.2 | 0.493 | 0.985 | |
| Lead | 5.15 | 0.493 | 0.985 | |
| Molybdenum | 0.444 | 0.246 | 0.985 | |
| Nickel | 6.10 | 0.246 | 0.985 | |
| Selenium | ND | 0.739 | 0.985 | |
| Silver | ND | 0.246 | 0.985 | |
| Thallium | ND | 0.739 | 0.985 | |
| Vanadium | 18.8 | 0.246 | 0.985 | |
| Zinc | 31.7 | 0.985 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:54** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.725 | 0.966 | |
| Arsenic | 1.62 | 0.725 | 0.966 | |
| Barium | 98.3 | 0.483 | 0.966 | |
| Beryllium | ND | 0.242 | 0.966 | |
| Cadmium | ND | 0.483 | 0.966 | |
| Chromium | 8.02 | 0.242 | 0.966 | |
| Cobalt | 4.24 | 0.242 | 0.966 | |
| Copper | 28.2 | 0.483 | 0.966 | |
| Lead | 1.54 | 0.483 | 0.966 | |
| Molybdenum | 0.499 | 0.242 | 0.966 | |
| Nickel | 5.34 | 0.242 | 0.966 | |
| Selenium | ND | 0.725 | 0.966 | |
| Silver | ND | 0.242 | 0.966 | |
| Thallium | ND | 0.725 | 0.966 | |
| Vanadium | 15.7 | 0.242 | 0.966 | |
| Zinc | 47.8 | 0.966 | 0.966 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGI/UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:55** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.985 | |
| Arsenic | 1.92 | 0.739 | 0.985 | |
| Barium | 114 | 0.493 | 0.985 | |
| Beryllium | ND | 0.246 | 0.985 | |
| Cadmium | 1.64 | 0.493 | 0.985 | |
| Chromium | 14.9 | 0.246 | 0.985 | |
| Cobalt | 6.26 | 0.246 | 0.985 | |
| Copper | 80.6 | 0.493 | 0.985 | |
| Lead | 2.28 | 0.493 | 0.985 | |
| Molybdenum | 0.535 | 0.246 | 0.985 | |
| Nickel | 38.6 | 0.246 | 0.985 | |
| Selenium | ND | 0.739 | 0.985 | |
| Silver | 0.961 | 0.246 | 0.985 | |
| Thallium | ND | 0.739 | 0.985 | |
| Vanadium | 17.0 | 0.246 | 0.985 | |
| Zinc | 64.6 | 0.985 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGI/UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:56** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | 18.3 | 0.750 | 1.00 | |
| Barium | 92.4 | 0.500 | 1.00 | |
| Beryllium | ND | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | 15.9 | 0.250 | 1.00 | |
| Cobalt | 4.84 | 0.250 | 1.00 | |
| Copper | 11.2 | 0.500 | 1.00 | |
| Lead | 3.03 | 0.500 | 1.00 | |
| Molybdenum | 0.718 | 0.250 | 1.00 | |
| Nickel | 12.1 | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | 27.2 | 0.250 | 1.00 | |
| Zinc | 45.8 | 1.00 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:57** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.721 | 0.962 | |
| Arsenic | 2.00 | 0.721 | 0.962 | |
| Barium | 113 | 0.481 | 0.962 | |
| Beryllium | ND | 0.240 | 0.962 | |
| Cadmium | ND | 0.481 | 0.962 | |
| Chromium | 12.0 | 0.240 | 0.962 | |
| Cobalt | 4.59 | 0.240 | 0.962 | |
| Copper | 23.9 | 0.481 | 0.962 | |
| Lead | 1.25 | 0.481 | 0.962 | |
| Molybdenum | ND | 0.240 | 0.962 | |
| Nickel | 7.46 | 0.240 | 0.962 | |
| Selenium | ND | 0.721 | 0.962 | |
| Silver | ND | 0.240 | 0.962 | |
| Thallium | ND | 0.721 | 0.962 | |
| Vanadium | 19.4 | 0.240 | 0.962 | |
| Zinc | 43.5 | 0.962 | 0.962 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:59** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | 1.45 | 0.750 | 1.00 | |
| Barium | 110 | 0.500 | 1.00 | |
| Beryllium | ND | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | 9.27 | 0.250 | 1.00 | |
| Cobalt | 5.98 | 0.250 | 1.00 | |
| Copper | 23.5 | 0.500 | 1.00 | |
| Lead | 7.43 | 0.500 | 1.00 | |
| Molybdenum | 0.440 | 0.250 | 1.00 | |
| Nickel | 7.32 | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | 17.6 | 0.250 | 1.00 | |
| Zinc | 46.1 | 1.00 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: BGI/UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 21:00** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | 1.66 | 0.750 | 1.00 | |
| Barium | 87.8 | 0.500 | 1.00 | |
| Beryllium | ND | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | 6.93 | 0.250 | 1.00 | |
| Cobalt | 3.56 | 0.250 | 1.00 | |
| Copper | 19.1 | 0.500 | 1.00 | |
| Lead | 6.48 | 0.500 | 1.00 | |
| Molybdenum | 0.373 | 0.250 | 1.00 | |
| Nickel | 5.48 | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | 14.0 | 0.250 | 1.00 | |
| Zinc | 41.7 | 1.00 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 21:01** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.995 | |
| Arsenic | 3.97 | 0.746 | 0.995 | |
| Barium | 106 | 0.498 | 0.995 | |
| Beryllium | ND | 0.249 | 0.995 | |
| Cadmium | ND | 0.498 | 0.995 | |
| Chromium | 13.0 | 0.249 | 0.995 | |
| Cobalt | 5.61 | 0.249 | 0.995 | |
| Copper | 14.0 | 0.498 | 0.995 | |
| Lead | 1.64 | 0.498 | 0.995 | |
| Molybdenum | 0.528 | 0.249 | 0.995 | |
| Nickel | 8.05 | 0.249 | 0.995 | |
| Selenium | ND | 0.746 | 0.995 | |
| Silver | ND | 0.249 | 0.995 | |
| Thallium | ND | 0.746 | 0.995 | |
| Vanadium | 18.4 | 0.249 | 0.995 | |
| Zinc | 28.1 | 0.995 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18454** | **N/A** | **Solid** | **ICP 7300** | **06/06/14** | **06/09/14 16:33** | **140606L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Antimony | ND | 0.750 | 1.00 | |
| Arsenic | ND | 0.750 | 1.00 | |
| Barium | ND | 0.500 | 1.00 | |
| Beryllium | ND | 0.250 | 1.00 | |
| Cadmium | ND | 0.500 | 1.00 | |
| Chromium | ND | 0.250 | 1.00 | |
| Cobalt | ND | 0.250 | 1.00 | |
| Copper | ND | 0.500 | 1.00 | |
| Lead | ND | 0.500 | 1.00 | |
| Molybdenum | ND | 0.250 | 1.00 | |
| Nickel | ND | 0.250 | 1.00 | |
| Selenium | ND | 0.750 | 1.00 | |
| Silver | ND | 0.250 | 1.00 | |
| Thallium | ND | 0.750 | 1.00 | |
| Vanadium | ND | 0.250 | 1.00 | |
| Zinc | ND | 1.00 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:13** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0794 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:16** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | 0.183 | 0.0781 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:18** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:24** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:27** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0332** | **14-06-0203-6-A** | **05/06/14 12:20** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:29** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:31** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | BV,BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 20:33** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0794 | 1.00 | BV,BU,ET |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 16:19** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0794 | 1.00 | BV,BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 16:22** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 16:24** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0847 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 16:26** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 16:28** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0806 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **Mercury 05** | **06/10/14** | **06/11/14 13:05** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0820 | 1.00 | BU,ET |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-272-298** | **N/A** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 15:42** | **1406010L01** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-272-295** | **N/A** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 19:33** | **140606L04** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Mercury | ND | 0.0833 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 14:07** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 81 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 14:25** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 91 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 14:43** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 49 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 15:01** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 49 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 15:19** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| DP-0332 | 14-06-0203-6-A | 05/06/14 12:20 | Solid | GC 58 | 06/06/14 | 06/09/14 15:37 | 140606L14 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 49 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 15:55** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 91 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 16:13** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 101 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 16:31** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 92 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 16:49** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 49 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 17:07** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 76 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 17:43** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 49 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 49 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 18:01** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1260 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 82 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **GC 58** | **06/06/14** | **06/10/14 11:42** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1221 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1232 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1242 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1248 | ND | 50 | 1.00 | BV,ET |
| Aroclor-1254 | 170 | 50 | 1.00 | BV,ET |
| Aroclor-1260 | 170 | 50 | 1.00 | BV,ET |
| Aroclor-1262 | ND | 50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 92 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2675** | **N/A** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 13:31** | **140606L14** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 1.00 | |
| Aroclor-1221 | ND | 50 | 1.00 | |
| Aroclor-1232 | ND | 50 | 1.00 | |
| Aroclor-1242 | ND | 50 | 1.00 | |
| Aroclor-1248 | ND | 50 | 1.00 | |
| Aroclor-1254 | ND | 50 | 1.00 | |
| Aroclor-1260 | ND | 50 | 1.00 | |
| Aroclor-1262 | ND | 50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 84 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **GC/MS SS** | **06/11/14** | **06/12/14 22:54** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | Page 2 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 83 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

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|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | Page 3 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 76 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 11:15** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | Page 5 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

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|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 6 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 9 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 11:34** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 9 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 74 | 27-159 | |
| Phenol-d6 | 1 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 11:53** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGI/UTC / 32594-506



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 81 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 12 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 8 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 12:12** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 14 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 33 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 15 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 30 | 33-123 | 2,6 |
| p-Terphenyl-d14 | 36 | 27-159 | |
| Phenol-d6 | 2 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0332** | **14-06-0203-6-A** | **05/06/14 12:20** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 12:30** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | Page 17 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 18 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 79 | 27-159 | |
| Phenol-d6 | 16 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 00:46** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 20 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 63 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 21 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 59 | 33-123 | |
| p-Terphenyl-d14 | 67 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 01:05** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 24 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 12:49** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 27 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 13:08** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 29 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 22 | 27-120 | 2,6 |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 30 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 20 | 33-123 | 2,6 |
| p-Terphenyl-d14 | 23 | 27-159 | 2,6 |
| Phenol-d6 | 0 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 02:01** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | Page 32 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 45 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 33 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 39 | 33-123 | |
| p-Terphenyl-d14 | 40 | 27-159 | |
| Phenol-d6 | 23 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 02:20** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: BGI/UTC / 32594-506



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 51 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 36 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 44 | 33-123 | |
| p-Terphenyl-d14 | 47 | 27-159 | |
| Phenol-d6 | 19 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 02:39** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | BV,ET |
| Acenaphthylene | ND | 0.50 | 1.00 | BV,ET |
| Aniline | ND | 0.50 | 1.00 | BV,ET |
| Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Azobenzene | ND | 0.50 | 1.00 | BV,ET |
| Benzidine | ND | 10 | 1.00 | BV,ET |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Benzoic Acid | ND | 2.5 | 1.00 | BV,ET |
| Benzyl Alcohol | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chloroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Chlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | BV,ET |
| Chrysene | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | BV,ET |
| Dibenzofuran | ND | 0.50 | 1.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| Diethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 38 of 45 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | BV,ET |
| Fluoranthene | ND | 0.50 | 1.00 | BV,ET |
| Fluorene | ND | 0.50 | 1.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | BV,ET |
| Hexachloroethane | ND | 0.50 | 1.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Isophorone | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | BV,ET |
| 2-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | BV,ET |
| Naphthalene | ND | 0.50 | 1.00 | BV,ET |
| 4-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 3-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitroaniline | ND | 0.50 | 1.00 | BV,ET |
| Nitrobenzene | ND | 2.5 | 1.00 | BV,ET |
| 4-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| 2-Nitrophenol | ND | 0.50 | 1.00 | BV,ET |
| Pentachlorophenol | ND | 2.5 | 1.00 | BV,ET |
| Phenanthrene | ND | 0.50 | 1.00 | BV,ET |
| Phenol | ND | 0.50 | 1.00 | BV,ET |
| Pyrene | ND | 0.50 | 1.00 | BV,ET |
| Pyridine | ND | 0.50 | 1.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 39 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 61 | 33-123 | |
| p-Terphenyl-d14 | 69 | 27-159 | |
| Phenol-d6 | 10 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **GC/MS SS** | **06/11/14** | **06/13/14 13:27** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 1.0 | 2.00 | BV,ET |
| Acenaphthylene | ND | 1.0 | 2.00 | BV,ET |
| Aniline | ND | 1.0 | 2.00 | BV,ET |
| Anthracene | ND | 1.0 | 2.00 | BV,ET |
| Azobenzene | ND | 1.0 | 2.00 | BV,ET |
| Benzidine | ND | 20 | 2.00 | BV,ET |
| Benzo (a) Anthracene | ND | 1.0 | 2.00 | BV,ET |
| Benzo (a) Pyrene | ND | 1.0 | 2.00 | BV,ET |
| Benzo (b) Fluoranthene | ND | 1.0 | 2.00 | BV,ET |
| Benzo (g,h,i) Perylene | ND | 1.0 | 2.00 | BV,ET |
| Benzo (k) Fluoranthene | ND | 1.0 | 2.00 | BV,ET |
| Benzoic Acid | ND | 5.0 | 2.00 | BV,ET |
| Benzyl Alcohol | 17 | 1.0 | 2.00 | BV,ET |
| Bis(2-Chloroethoxy) Methane | ND | 1.0 | 2.00 | BV,ET |
| Bis(2-Chloroethyl) Ether | ND | 5.0 | 2.00 | BV,ET |
| Bis(2-Chloroisopropyl) Ether | ND | 1.0 | 2.00 | BV,ET |
| Bis(2-Ethylhexyl) Phthalate | 3.3 | 1.0 | 2.00 | BV,ET |
| 4-Bromophenyl-Phenyl Ether | ND | 1.0 | 2.00 | BV,ET |
| Butyl Benzyl Phthalate | ND | 1.0 | 2.00 | BV,ET |
| 4-Chloro-3-Methylphenol | ND | 1.0 | 2.00 | BV,ET |
| 4-Chloroaniline | ND | 1.0 | 2.00 | BV,ET |
| 2-Chloronaphthalene | ND | 1.0 | 2.00 | BV,ET |
| 2-Chlorophenol | ND | 1.0 | 2.00 | BV,ET |
| 4-Chlorophenyl-Phenyl Ether | ND | 1.0 | 2.00 | BV,ET |
| Chrysene | ND | 1.0 | 2.00 | BV,ET |
| Di-n-Butyl Phthalate | ND | 1.0 | 2.00 | BV,ET |
| Di-n-Octyl Phthalate | ND | 1.0 | 2.00 | BV,ET |
| Dibenz (a,h) Anthracene | ND | 1.0 | 2.00 | BV,ET |
| Dibenzofuran | ND | 1.0 | 2.00 | BV,ET |
| 1,2-Dichlorobenzene | ND | 1.0 | 2.00 | BV,ET |
| 1,3-Dichlorobenzene | ND | 1.0 | 2.00 | BV,ET |
| 1,4-Dichlorobenzene | ND | 1.0 | 2.00 | BV,ET |
| 3,3'-Dichlorobenzidine | ND | 20 | 2.00 | BV,ET |
| 2,4-Dichlorophenol | ND | 1.0 | 2.00 | BV,ET |
| Diethyl Phthalate | ND | 1.0 | 2.00 | BV,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 1.0 | 2.00 | BV,ET |
| 2,4-Dimethylphenol | ND | 1.0 | 2.00 | BV,ET |
| 4,6-Dinitro-2-Methylphenol | ND | 5.0 | 2.00 | BV,ET |
| 2,4-Dinitrophenol | ND | 5.0 | 2.00 | BV,ET |
| 2,4-Dinitrotoluene | ND | 1.0 | 2.00 | BV,ET |
| 2,6-Dinitrotoluene | ND | 1.0 | 2.00 | BV,ET |
| Fluoranthene | ND | 1.0 | 2.00 | BV,ET |
| Fluorene | ND | 1.0 | 2.00 | BV,ET |
| Hexachloro-1,3-Butadiene | ND | 1.0 | 2.00 | BV,ET |
| Hexachlorobenzene | ND | 1.0 | 2.00 | BV,ET |
| Hexachlorocyclopentadiene | ND | 5.0 | 2.00 | BV,ET |
| Hexachloroethane | ND | 1.0 | 2.00 | BV,ET |
| Indeno (1,2,3-c,d) Pyrene | ND | 1.0 | 2.00 | BV,ET |
| Isophorone | ND | 1.0 | 2.00 | BV,ET |
| 2-Methylnaphthalene | ND | 1.0 | 2.00 | BV,ET |
| 1-Methylnaphthalene | ND | 1.0 | 2.00 | BV,ET |
| 2-Methylphenol | ND | 1.0 | 2.00 | BV,ET |
| 3/4-Methylphenol | ND | 1.0 | 2.00 | BV,ET |
| N-Nitroso-di-n-propylamine | ND | 1.0 | 2.00 | BV,ET |
| N-Nitrosodimethylamine | ND | 1.0 | 2.00 | BV,ET |
| N-Nitrosodiphenylamine | ND | 1.0 | 2.00 | BV,ET |
| Naphthalene | ND | 1.0 | 2.00 | BV,ET |
| 4-Nitroaniline | ND | 1.0 | 2.00 | BV,ET |
| 3-Nitroaniline | ND | 1.0 | 2.00 | BV,ET |
| 2-Nitroaniline | ND | 1.0 | 2.00 | BV,ET |
| Nitrobenzene | ND | 5.0 | 2.00 | BV,ET |
| 4-Nitrophenol | ND | 1.0 | 2.00 | BV,ET |
| 2-Nitrophenol | ND | 1.0 | 2.00 | BV,ET |
| Pentachlorophenol | ND | 5.0 | 2.00 | BV,ET |
| Phenanthrene | ND | 1.0 | 2.00 | BV,ET |
| Phenol | ND | 1.0 | 2.00 | BV,ET |
| Pyrene | ND | 1.0 | 2.00 | BV,ET |
| Pyridine | ND | 1.0 | 2.00 | BV,ET |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 2.00 | BV,ET |
| 2,4,6-Trichlorophenol | ND | 1.0 | 2.00 | BV,ET |
| 2,4,5-Trichlorophenol | ND | 1.0 | 2.00 | BV,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | | Page 42 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 8 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 61 | 33-123 | |
| p-Terphenyl-d14 | 67 | 27-159 | |
| Phenol-d6 | 30 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-549-2958** | **N/A** | **Solid** | **GC/MS SS** | **06/11/14** | **06/11/14 15:34** | **140611L05** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acenaphthene | ND | 0.50 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 1.00 | |
| Aniline | ND | 0.50 | 1.00 | |
| Anthracene | ND | 0.50 | 1.00 | |
| Azobenzene | ND | 0.50 | 1.00 | |
| Benzidine | ND | 10 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 2.5 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 1.00 | |
| Chrysene | ND | 0.50 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 10 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.5 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 1.00 | |
| Fluoranthene | ND | 0.50 | 1.00 | |
| Fluorene | ND | 0.50 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 1.00 | |
| Isophorone | ND | 0.50 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 1.00 | |
| Naphthalene | ND | 0.50 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 1.00 | |
| Nitrobenzene | ND | 2.5 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.00 | |
| Phenanthrene | ND | 0.50 | 1.00 | |
| Phenol | ND | 0.50 | 1.00 | |
| Pyrene | ND | 0.50 | 1.00 | |
| Pyridine | ND | 0.50 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 92 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: BGI/UTC / 32594-506 | | Page 45 of 45 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 77 | 25-120 | |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 91 | 26-122 | |
| 2,4,6-Tribromophenol | 94 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0305** | **14-06-0203-1-A** | **05/08/14 14:30** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 02:00** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 111 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0307** | **14-06-0203-2-A** | **05/08/14 16:20** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 02:27** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 5030C |
| | Method: | EPA 8260B |
| | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | Page 4 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 89 | 60-132 | |
| Dibromofluoromethane | 14 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0326** | **14-06-0203-3-A** | **05/06/14 11:33** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 02:54** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 6 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0327A** | **14-06-0203-4-A** | **05/06/14 14:45** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 03:21** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 16 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0331** | **14-06-0203-5-A** | **05/06/14 14:00** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 03:48** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | | Page 10 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 16 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0332** | **14-06-0203-6-A** | **05/06/14 12:20** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 04:15** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | | Page 12 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 16 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 99 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0336** | **14-06-0203-7-A** | **05/05/14 14:07** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 04:41** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 16 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 99 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0341** | **14-06-0203-8-A** | **05/05/14 15:10** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 05:08** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: BGI/UTC / 32594-506



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 12 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0342** | **14-06-0203-9-A** | **05/05/14 12:20** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 10:03** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | BV,BU |
| Benzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Butanone | ND | 51 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 51 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.1 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.1 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.1 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.1 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.1 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.1 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.1 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 51 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.1 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 51 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 51 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 51 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 51 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 51 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.1 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.1 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.1 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 30 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 107 | 62-146 | |
| Toluene-d8 | 99 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0343** | **14-06-0203-10-A** | **05/12/14 10:45** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 10:30** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 4.9 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 4.9 | 1.00 | BV,BU,ET |
| Bromoform | ND | 4.9 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Butanone | ND | 49 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 49 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 4.9 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| Chloroform | ND | 4.9 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 4.9 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 4.9 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 4.9 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 4.9 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 4.9 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 4.9 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 4.9 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | | Page 20 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 4.9 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 4.9 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 4.9 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 49 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 4.9 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 49 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 49 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 49 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Styrene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 4.9 | 1.00 | BV,BU,ET |
| Toluene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 4.9 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 49 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 49 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 4.9 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 4.9 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 4.9 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 10 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0320** | **14-06-0203-11-A** | **05/07/14 09:05** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 10:57** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | | Page 22 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 23 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 110 | 62-146 | |
| Toluene-d8 | 98 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0322** | **14-06-0203-12-A** | **05/07/14 08:55** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 08:16** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | | Page 24 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 89 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 99 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0323** | **14-06-0203-13-A** | **05/07/14 09:00** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 11:24** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | BV,BU |
| Benzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.0 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Butanone | ND | 50 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 50 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.0 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 50 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 50 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 50 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 50 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 50 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.0 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.0 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 10 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **DP-0316** | **14-06-0203-14-A** | **05/08/14 08:50** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 11:51** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 130 | 1.00 | BV,BU |
| Benzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromochloromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromodichloromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromoform | ND | 5.1 | 1.00 | BV,BU,ET |
| Bromomethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Butanone | ND | 51 | 1.00 | BV,BU,ET |
| n-Butylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| sec-Butylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| tert-Butylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Carbon Disulfide | ND | 51 | 1.00 | BV,BU,ET |
| Carbon Tetrachloride | ND | 5.1 | 1.00 | BV,BU,ET |
| Chlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Chloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Chloroform | ND | 5.1 | 1.00 | BV,BU,ET |
| Chloromethane | ND | 25 | 1.00 | BV,BU,ET |
| 2-Chlorotoluene | ND | 5.1 | 1.00 | BV,BU,ET |
| 4-Chlorotoluene | ND | 5.1 | 1.00 | BV,BU,ET |
| Dibromochloromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | BV,BU,ET |
| 1,2-Dibromoethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Dibromomethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,3-Dichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,4-Dichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Dichlorodifluoromethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1-Dichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| c-1,2-Dichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| t-1,2-Dichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2-Dichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,3-Dichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |
| 2,2-Dichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: BGI/UTC / 32594-506 | | | Page 28 of 32 |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.1 | 1.00 | BV,BU,ET |
| c-1,3-Dichloropropene | ND | 5.1 | 1.00 | BV,BU,ET |
| t-1,3-Dichloropropene | ND | 5.1 | 1.00 | BV,BU,ET |
| Ethylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 2-Hexanone | ND | 51 | 1.00 | BV,BU,ET |
| Isopropylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| p-Isopropyltoluene | ND | 5.1 | 1.00 | BV,BU,ET |
| Methylene Chloride | ND | 51 | 1.00 | BV,BU,ET |
| 4-Methyl-2-Pentanone | ND | 51 | 1.00 | BV,BU,ET |
| Naphthalene | ND | 51 | 1.00 | BV,BU,ET |
| n-Propylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Styrene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| Tetrachloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| Toluene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | BV,BU,ET |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,1-Trichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloroethane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 1.00 | BV,BU,ET |
| Trichloroethene | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2,3-Trichloropropane | ND | 5.1 | 1.00 | BV,BU,ET |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Trichlorofluoromethane | ND | 51 | 1.00 | BV,BU,ET |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 1.00 | BV,BU,ET |
| Vinyl Acetate | ND | 51 | 1.00 | BV,BU,ET |
| Vinyl Chloride | ND | 5.1 | 1.00 | BV,BU,ET |
| p/m-Xylene | ND | 5.1 | 1.00 | BV,BU,ET |
| o-Xylene | ND | 5.1 | 1.00 | BV,BU,ET |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 1.00 | BV,BU,ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 98 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-796-8544** | **N/A** | **Solid** | **GC/MS BB** | **06/04/14** | **06/04/14 20:11** | **140604L032** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | |
| Benzene | ND | 5.0 | 1.00 | |
| Bromobenzene | ND | 5.0 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 1.00 | |
| Bromoform | ND | 5.0 | 1.00 | |
| Bromomethane | ND | 25 | 1.00 | |
| 2-Butanone | ND | 50 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 1.00 | |
| Carbon Disulfide | ND | 50 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.00 | |
| Chloroform | ND | 5.0 | 1.00 | |
| Chloromethane | ND | 25 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | |
| Dibromomethane | ND | 5.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | |
| Naphthalene | ND | 50 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 1.00 | |
| Styrene | ND | 5.0 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | |
| Trichloroethene | ND | 5.0 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | |
| Vinyl Acetate | ND | 50 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 104 | 63-141 | |
| 1,2-Dichloroethane-d4 | 111 | 62-146 | |
| Toluene-d8 | 98 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-796-8548** | **N/A** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 07:22** | **140604L056** |

| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| Acetone | ND | 120 | 1.00 | |
| Benzene | ND | 5.0 | 1.00 | |
| Bromobenzene | ND | 5.0 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 1.00 | |
| Bromoform | ND | 5.0 | 1.00 | |
| Bromomethane | ND | 25 | 1.00 | |
| 2-Butanone | ND | 50 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 1.00 | |
| Carbon Disulfide | ND | 50 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.00 | |
| Chloroform | ND | 5.0 | 1.00 | |
| Chloromethane | ND | 25 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 1.00 | |
| Dibromomethane | ND | 5.0 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.0 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | DF | Qualifiers |
|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 1.00 | |
| Naphthalene | ND | 50 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 1.00 | |
| Styrene | ND | 5.0 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 1.00 | |
| Toluene | ND | 5.0 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 1.00 | |
| Trichloroethene | ND | 5.0 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 1.00 | |
| Vinyl Acetate | ND | 50 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 1.00 | |
| o-Xylene | ND | 5.0 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 105 | 63-141 | |
| 1,2-Dichloroethane-d4 | 110 | 62-146 | |
| Toluene-d8 | 100 | 80-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: BGI/UTC / 32594-506 | | | Page 1 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0305** | **Sample** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:26** | **140609S01P** |
| **DP-0305** | **Matrix Spike** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 14:31** | **140609S01P** |
| **DP-0305** | **Matrix Spike Duplicate** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 14:37** | **140609S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 929.2 | 40000 | 42310 | 103 | 40830 | 100 | 75-125 | 4 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: BGI/UTC / 32594-506 | | | Page 2 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-06-0290-1** | **Sample** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 21:55** | **140604S08** |
| **14-06-0290-1** | **Matrix Spike** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 21:20** | **140604S08** |
| **14-06-0290-1** | **Matrix Spike Duplicate** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 21:37** | **140604S08** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | ND | 400.0 | 367.1 | 92 | 415.1 | 104 | 55-133 | 12 | 0-30 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: BGI/UTC / 32594-506 | | | Page 3 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-06-0468-1** | **Sample** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:31** | **140606S01** |
| **14-06-0468-1** | **Matrix Spike** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:38** | **140606S01** |
| **14-06-0468-1** | **Matrix Spike Duplicate** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:39** | **140606S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 8.907 | 36 | 10.68 | 43 | 50-115 | 18 | 0-20 | 3 |
| Arsenic | 3.090 | 25.00 | 27.56 | 98 | 31.52 | 114 | 75-125 | 13 | 0-20 | |
| Barium | 63.94 | 25.00 | 92.51 | 114 | 90.58 | 107 | 75-125 | 2 | 0-20 | |
| Beryllium | 0.3386 | 25.00 | 26.66 | 105 | 26.98 | 107 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 25.56 | 102 | 25.95 | 104 | 75-125 | 1 | 0-20 | |
| Chromium | 14.40 | 25.00 | 40.54 | 105 | 42.08 | 111 | 75-125 | 4 | 0-20 | |
| Cobalt | 7.574 | 25.00 | 32.79 | 101 | 34.49 | 108 | 75-125 | 5 | 0-20 | |
| Copper | 11.61 | 25.00 | 35.07 | 94 | 37.47 | 103 | 75-125 | 7 | 0-20 | |
| Lead | 16.87 | 25.00 | 37.82 | 84 | 56.08 | 157 | 75-125 | 39 | 0-20 | 3,4 |
| Molybdenum | ND | 25.00 | 22.39 | 90 | 23.69 | 95 | 75-125 | 6 | 0-20 | |
| Nickel | 11.96 | 25.00 | 37.74 | 103 | 43.06 | 124 | 75-125 | 13 | 0-20 | |
| Selenium | ND | 25.00 | 21.54 | 86 | 23.06 | 92 | 75-125 | 7 | 0-20 | |
| Silver | ND | 12.50 | 12.71 | 102 | 13.03 | 104 | 75-125 | 2 | 0-20 | |
| Thallium | ND | 25.00 | 24.56 | 98 | 25.74 | 103 | 75-125 | 5 | 0-20 | |
| Vanadium | 31.04 | 25.00 | 56.57 | 102 | 52.39 | 85 | 75-125 | 8 | 0-20 | |
| Zinc | 35.66 | 25.00 | 74.50 | 155 | 62.73 | 108 | 75-125 | 17 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-06-0357-5** | **Sample** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 15:46** | **1406010S01** |
| **14-06-0357-5** | **Matrix Spike** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 15:48** | **1406010S01** |
| **14-06-0357-5** | **Matrix Spike Duplicate** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 15:50** | **1406010S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.1441 | 0.8350 | 1.153 | 121 | 1.019 | 105 | 71-137 | 12 | 0-14 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: BGI/UTC / 32594-506 | | | Page 5 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-06-0266-10** | **Sample** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 19:38** | **140606S04** |
| **14-06-0266-10** | **Matrix Spike** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 19:40** | **140606S04** |
| **14-06-0266-10** | **Matrix Spike Duplicate** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 19:42** | **140606S04** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 1.019 | 122 | 1.006 | 121 | 71-137 | 1 | 0-14 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: BGI/UTC / 32594-506 | | | Page 6 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0343** | **Sample** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 16:49** | **140606S14** |
| **DP-0343** | **Matrix Spike** | **Solid** | **GC 58** | **06/06/14** | **06/10/14 11:06** | **140606S14** |
| **DP-0343** | **Matrix Spike Duplicate** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 18:55** | **140606S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 98.92 | 99 | 107.3 | 107 | 50-135 | 8 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 88.08 | 88 | 93.21 | 93 | 50-135 | 6 | 0-25 | |

RPD: Relative Percent Difference. CL: Control Limits



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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: BGI/UTC / 32594-506

Date Received: 06/03/14
Work Order: 14-06-0203
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-06-0801-1** | **Sample** | **Solid** | **GC/MS SS** | **06/11/14** | **06/11/14 15:52** | **140611S05** |
| **14-06-0801-1** | **Matrix Spike** | **Solid** | **GC/MS SS** | **06/11/14** | **06/11/14 17:45** | **140611S05** |
| **14-06-0801-1** | **Matrix Spike Duplicate** | **Solid** | **GC/MS SS** | **06/11/14** | **06/11/14 18:04** | **140611S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acenaphthene | ND | 10.00 | 9.419 | 94 | 9.530 | 95 | 34-148 | 1 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.165 | 92 | 9.248 | 92 | 53-120 | 1 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 8.713 | 87 | 8.680 | 87 | 15-189 | 0 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 8.898 | 89 | 8.851 | 89 | 32-120 | 1 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 8.866 | 89 | 8.608 | 86 | 53-120 | 3 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 8.658 | 87 | 8.331 | 83 | 43-120 | 4 | 0-26 | |
| Dimethyl Phthalate | ND | 10.00 | 9.521 | 95 | 9.627 | 96 | 44-122 | 1 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.047 | 90 | 9.179 | 92 | 28-120 | 1 | 0-20 | |
| Fluorene | ND | 10.00 | 9.123 | 91 | 9.186 | 92 | 12-186 | 1 | 0-20 | |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 10.42 | 104 | 10.49 | 105 | 38-140 | 1 | 0-20 | |
| Naphthalene | ND | 10.00 | 8.999 | 90 | 9.290 | 93 | 20-140 | 3 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 8.226 | 82 | 8.299 | 83 | 14-128 | 1 | 0-59 | |
| Pentachlorophenol | ND | 10.00 | 8.660 | 87 | 8.528 | 85 | 10-124 | 2 | 0-20 | |
| Phenol | ND | 10.00 | 10.24 | 102 | 9.754 | 98 | 22-124 | 5 | 0-20 | |
| Pyrene | ND | 10.00 | 9.588 | 96 | 9.601 | 96 | 31-169 | 0 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 8.264 | 83 | 8.669 | 87 | 56-120 | 5 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: BGI/UTC / 32594-506 | | | Page 8 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-06-0182-11** | **Sample** | **Solid** | **GC/MS BB** | **06/03/14** | **06/04/14 21:05** | **140604S018** |
| **14-06-0182-11** | **Matrix Spike** | **Solid** | **GC/MS BB** | **06/03/14** | **06/04/14 21:32** | **140604S018** |
| **14-06-0182-11** | **Matrix Spike Duplicate** | **Solid** | **GC/MS BB** | **06/03/14** | **06/04/14 21:59** | **140604S018** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 48.73 | 97 | 48.05 | 96 | 61-127 | 1 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 44.85 | 90 | 44.71 | 89 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 50.34 | 101 | 49.71 | 99 | 57-123 | 1 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 48.79 | 98 | 47.96 | 96 | 64-124 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 51.31 | 103 | 50.74 | 101 | 35-131 | 1 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 46.27 | 93 | 45.35 | 91 | 80-120 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 49.25 | 98 | 49.44 | 99 | 47-143 | 0 | 0-25 | |
| Ethylbenzene | ND | 50.00 | 53.19 | 106 | 52.61 | 105 | 57-129 | 1 | 0-22 | |
| Toluene | ND | 50.00 | 49.92 | 100 | 49.47 | 99 | 63-123 | 1 | 0-20 | |
| Trichloroethene | ND | 50.00 | 47.27 | 95 | 44.77 | 90 | 44-158 | 5 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 45.72 | 91 | 47.15 | 94 | 49-139 | 3 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 111.1 | 111 | 109.9 | 110 | 70-130 | 1 | 0-30 | |
| o-Xylene | ND | 50.00 | 56.65 | 113 | 55.87 | 112 | 70-130 | 1 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 47.20 | 94 | 46.94 | 94 | 57-123 | 1 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: BGI/UTC / 32594-506 | | | Page 9 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **DP-0322** | **Sample** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 08:16** | **140604S036** |
| **DP-0322** | **Matrix Spike** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 08:43** | **140604S036** |
| **DP-0322** | **Matrix Spike Duplicate** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 09:10** | **140604S036** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 44.81 | 90 | 43.10 | 86 | 61-127 | 4 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 40.73 | 81 | 39.45 | 79 | 51-135 | 3 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 45.81 | 92 | 43.29 | 87 | 57-123 | 6 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 44.05 | 88 | 41.38 | 83 | 64-124 | 6 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 43.98 | 88 | 42.64 | 85 | 35-131 | 3 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 42.32 | 85 | 40.50 | 81 | 80-120 | 4 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 74.39 | 149 | 73.39 | 147 | 47-143 | 1 | 0-25 | 3 |
| Ethylbenzene | ND | 50.00 | 47.54 | 95 | 45.60 | 91 | 57-129 | 4 | 0-22 | |
| Toluene | ND | 50.00 | 45.22 | 90 | 43.46 | 87 | 63-123 | 4 | 0-20 | |
| Trichloroethene | ND | 50.00 | 72.56 | 145 | 70.28 | 141 | 44-158 | 3 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 42.06 | 84 | 42.58 | 85 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 100.1 | 100 | 94.91 | 95 | 70-130 | 5 | 0-30 | |
| o-Xylene | ND | 50.00 | 51.07 | 102 | 48.74 | 97 | 70-130 | 5 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 43.19 | 86 | 41.19 | 82 | 57-123 | 5 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: BGI/UTC / 32594-506 | | | Page 1 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2667** | **LCS** | **Solid** | **IC 11** | **06/09/14** | **06/09/14 13:18** | **140609L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19460 | 97 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: BGI/UTC / 32594-506 | | | Page 2 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-940** | **LCS** | **Solid** | **GC 46** | **06/04/14** | **06/04/14 21:03** | **140604B08B** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 433.6 | 108 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: BGI/UTC / 32594-506 | | | Page 3 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18454** | **LCS** | **Solid** | **ICP 7300** | **06/06/14** | **06/06/14 20:28** | **140606L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 24.78 | 99 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 23.94 | 96 | 80-120 | 73-127 | |
| Barium | 25.00 | 25.09 | 100 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 24.36 | 97 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 25.87 | 103 | 80-120 | 73-127 | |
| Chromium | 25.00 | 24.99 | 100 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 27.87 | 111 | 80-120 | 73-127 | |
| Copper | 25.00 | 26.01 | 104 | 80-120 | 73-127 | |
| Lead | 25.00 | 25.35 | 101 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.68 | 103 | 80-120 | 73-127 | |
| Nickel | 25.00 | 26.39 | 106 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.03 | 92 | 80-120 | 73-127 | |
| Silver | 12.50 | 12.43 | 99 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.57 | 106 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 24.17 | 97 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.38 | 106 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: BGI/UTC / 32594-506 | | | Page 4 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-272-298** | **LCS** | **Solid** | **Mercury 05** | **06/10/14** | **06/10/14 15:44** | **1406010L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.9093 | 109 | 85-121 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: BGI/UTC / 32594-506 | | | Page 5 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-272-295** | **LCS** | **Solid** | **Mercury 05** | **06/06/14** | **06/09/14 19:35** | **140606L04** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.9513 | 114 | 85-121 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: BGI/UTC / 32594-506 | | | Page 6 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2675** | **LCS** | **Solid** | **GC 58** | **06/06/14** | **06/09/14 13:49** | **140606L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 77.56 | 78 | 50-135 | |
| Aroclor-1260 | 100.0 | 75.05 | 75 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: BGI/UTC / 32594-506 | | | Page 7 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-549-2958** | **LCS** | **Solid** | **GC/MS SS** | **06/11/14** | **06/11/14 17:26** | **140611L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acenaphthene | 10.00 | 9.454 | 95 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 9.270 | 93 | 52-120 | 41-131 | |
| Butyl Benzyl Phthalate | 10.00 | 9.185 | 92 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 8.708 | 87 | 55-121 | 44-132 | |
| 2-Chlorophenol | 10.00 | 8.656 | 87 | 58-124 | 47-135 | |
| 1,4-Dichlorobenzene | 10.00 | 9.637 | 96 | 42-132 | 27-147 | |
| Dimethyl Phthalate | 10.00 | 9.167 | 92 | 51-123 | 39-135 | |
| 2,4-Dinitrotoluene | 10.00 | 8.892 | 89 | 51-129 | 38-142 | |
| Fluorene | 10.00 | 9.019 | 90 | 54-126 | 42-138 | |
| N-Nitroso-di-n-propylamine | 10.00 | 10.47 | 105 | 40-136 | 24-152 | |
| Naphthalene | 10.00 | 9.344 | 93 | 32-146 | 13-165 | |
| 4-Nitrophenol | 10.00 | 8.584 | 86 | 24-126 | 7-143 | |
| Pentachlorophenol | 10.00 | 8.525 | 85 | 23-131 | 5-149 | |
| Phenol | 10.00 | 10.17 | 102 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.544 | 95 | 47-143 | 31-159 | |
| 1,2,4-Trichlorobenzene | 10.00 | 8.601 | 86 | 45-129 | 31-143 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: BGI/UTC / 32594-506 | | | Page 8 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-796-8544** | **LCS** | **Solid** | **GC/MS BB** | **06/04/14** | **06/04/14 19:12** | **140604L032** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 50.00 | 48.50 | 97 | 78-120 | 71-127 | |
| Carbon Tetrachloride | 50.00 | 44.27 | 89 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 50.28 | 101 | 79-120 | 72-127 | |
| 1,2-Dibromoethane | 50.00 | 49.93 | 100 | 80-120 | 73-127 | |
| 1,2-Dichlorobenzene | 50.00 | 51.37 | 103 | 75-120 | 68-128 | |
| 1,2-Dichloroethane | 50.00 | 47.13 | 94 | 80-120 | 73-127 | |
| 1,1-Dichloroethene | 50.00 | 48.20 | 96 | 74-122 | 66-130 | |
| Ethylbenzene | 50.00 | 52.76 | 106 | 76-120 | 69-127 | |
| Toluene | 50.00 | 49.57 | 99 | 77-120 | 70-127 | |
| Trichloroethene | 50.00 | 47.89 | 96 | 80-120 | 73-127 | |
| Vinyl Chloride | 50.00 | 46.08 | 92 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 109.1 | 109 | 75-125 | 67-133 | |
| o-Xylene | 50.00 | 56.34 | 113 | 75-125 | 67-133 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.26 | 97 | 77-120 | 70-127 | |

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 06/03/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-06-0203 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: BGI/UTC / 32594-506 | | | Page 9 of 9 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-796-8548** | **LCS** | **Solid** | **GC/MS BB** | **06/04/14** | **06/05/14 06:29** | **140604L056** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 50.00 | 49.95 | 100 | 78-120 | 71-127 | |
| Carbon Tetrachloride | 50.00 | 44.93 | 90 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 51.09 | 102 | 79-120 | 72-127 | |
| 1,2-Dibromoethane | 50.00 | 51.43 | 103 | 80-120 | 73-127 | |
| 1,2-Dichlorobenzene | 50.00 | 52.08 | 104 | 75-120 | 68-128 | |
| 1,2-Dichloroethane | 50.00 | 49.05 | 98 | 80-120 | 73-127 | |
| 1,1-Dichloroethene | 50.00 | 49.51 | 99 | 74-122 | 66-130 | |
| Ethylbenzene | 50.00 | 52.86 | 106 | 76-120 | 69-127 | |
| Toluene | 50.00 | 50.58 | 101 | 77-120 | 70-127 | |
| Trichloroethene | 50.00 | 46.88 | 94 | 80-120 | 73-127 | |
| Vinyl Chloride | 50.00 | 46.64 | 93 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 110.0 | 110 | 75-125 | 67-133 | |
| o-Xylene | 50.00 | 57.06 | 114 | 75-125 | 67-133 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 49.77 | 100 | 77-120 | 70-127 | |

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 14-06-0203 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 921 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 46 | 1 |
| EPA 8082 | EPA 3545 | 842 | GC 58 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS BB | 2 |
| EPA 8270C | EPA 3545 | 513 | GC/MS SS | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-06-0203 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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HALEY & ALDRICH

3187 Red Hill Avenue, Suite 150
Costa Mesa, CA 92626
(714) 371-1800 Fax (714) 371-1883

# CHAIN OF CUSTODY FORM

**14-06-0203**

| Project Name/Address: BGI/UTC 6633canoga Avenue, Canoga Park CA | Project /PO Number: 32594-506 | Analysis Required | Lab Name: Calscience |
|---|---|---|---|
| Project Manager: Kasra Nikkhah | Phone Number: 951.288.9371 | | Lab Address: 7040 Lincoln Way Garden Grove, CA |
| Sampled by (signature): Scott Boston | Fax Number: | | |

| Sample Identification | Lab ID No. | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | PCBs 8082 | Chrome 6+ 7199 | VOCs 8260B | SVOCs 8270C | Metals (CAMM 17) 6000/7000 | TPH 8015M | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-0305 | 1 | Conc. Co | Bag | 1 | 5/8/2014 | 1430 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0307 | 2 | Conc. Co | Bag | 1 | 5/8/2014 | 1620 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0326 | 3 | Conc. Co | Bag | 1 | 5/6/2014 | 1133 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0327A | 4 | Conc. Co | Bag | 1 | 5/6/2014 | 1445 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0331 | 5 | Conc. Co | Bag | 1 | 5/6/2014 | 1400 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0332 | 6 | Conc. Co | Bag | 1 | 5/6/2014 | 1220 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0336 | 7 | Conc. Co | Bag | 1 | 5/5/2014 | 1407 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0341 | 8 | Conc. Co | Bag | 1 | 5/5/2014 | 1510 | | X | X | X | X | X | X | | | Currently in Custody |
| ~~DP-0335~~ DP05462 | 9 | Conc. Co | Bag | 1 | 5/5/2014 | 1220 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0343 | 10 | Conc. Co | Bag | 1 | 5/12/2014 | 1045 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0320 | 11 | Conc. Co | Bag | 1 | 5/7/2014 | 905 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0322 | 12 | Conc. Co | Bag | 1 | 5/7/2014 | 855 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0323 | 13 | Conc. Co | Bag | 1 | 5/7/2014 | 900 | | X | X | X | X | X | X | | | Currently in Custody |
| DP-0316 | 14 | Conc. Co | Bag | 1 | 5/8/2014 | 850 | | X | X | X | X | X | X | | | Currently in Custody |
| | | | | | | | | | | | | | | | | Currently in Custody |

| Relinquished By: | Date/Time: | Received By: | Date/Time: | Turnaround Time (Check) |
|---|---|---|---|---|
| [signature] | 6/03/2014 | [signature] ECI | 6/3/14 1430 | 24 Hours ___ 5 Days ___ |
| Relinquished By: [signature] | Date/Time: 6/3/14 1815 | Received By: [signature] ECI | Date/Time: 6/3/14 1815 | 48 Hours ___ 10 Days ___ |
| | | | | 72 Hours ___ Other ___ |
| Relinquished By: | Date/Time: | Received in Lab By: 6/3/14 | Date/Time: | Sample Integrity (Check): On Ice X Intact ___ |



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WORK ORDER #: 14-06-0203

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley & Aldrich

DATE: 06/3/14

**TEMPERATURE:** Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.4 °C - 0.3 °C (CF) = 3.1 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 820

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 739

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z_____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 739

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** 659

**Preservative:** h: HCL n: $HNO_3$ $na_2$:$Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** 659



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WORK ORDER #: 14-06-0203

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☑ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

**Comments:**

(1-14) Received samples in zip lock bag for all analyses.

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Comments:** _____

*Transferred at Client's request.

Initial / Date: JJ9 06/3/14



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# WORK ORDER NUMBER: 14-07-1603

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park / 32594-506

**Attention:** Tom Tatnall
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/05/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 14-07-1603


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# Work Order Narrative

Work Order: 14-07-1603 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/23/14. They were assigned to Work Order 14-07-1603.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1603 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/23/14 18:15 |
| | | Number of Containers: | 27 |
| Attn: | Tom Tatnall | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| AD1AC2 | 14-07-1603-1 | 07/22/14 07:42 | 1 | Concrete |
| AC1AB2 | 14-07-1603-2 | 07/22/14 07:50 | 1 | Concrete |
| AA1A2 | 14-07-1603-3 | 07/22/14 08:00 | 1 | Concrete |
| A9C10 | 14-07-1603-4 | 07/22/14 08:10 | 1 | Concrete |
| AA13A14 | 14-07-1603-5 | 07/22/14 08:20 | 1 | Concrete |
| A15C16 | 14-07-1603-6 | 07/22/14 09:00 | 1 | Concrete |
| A17C18 | 14-07-1603-7 | 07/22/14 09:40 | 1 | Concrete |
| A18C19 | 14-07-1603-8 | 07/22/14 09:55 | 1 | Concrete |
| A20C21 | 14-07-1603-9 | 07/22/14 10:00 | 1 | Concrete |
| AA22A23 | 14-07-1603-10 | 07/22/14 10:05 | 1 | Concrete |
| C20D21 | 14-07-1603-11 | 07/22/14 10:57 | 1 | Concrete |
| C19D20 | 14-07-1603-12 | 07/22/14 11:03 | 1 | Concrete |
| D18E19 | 14-07-1603-13 | 07/22/14 11:10 | 1 | Concrete |
| E25F26 | 14-07-1603-14 | 07/22/14 11:30 | 1 | Concrete |
| E24F25 | 14-07-1603-15 | 07/22/14 11:35 | 1 | Concrete |
| F24G25 | 14-07-1603-16 | 07/22/14 11:42 | 1 | Concrete |
| F25G26 | 14-07-1603-17 | 07/22/14 11:48 | 1 | Concrete |
| E26F29 | 14-07-1603-18 | 07/22/14 11:55 | 1 | Concrete |
| D24E25 | 14-07-1603-19 | 07/22/14 12:15 | 1 | Concrete |
| C24D25 | 14-07-1603-20 | 07/22/14 12:20 | 1 | Concrete |
| E20F21 | 14-07-1603-21 | 07/22/14 12:40 | 1 | Concrete |
| E18F19 | 14-07-1603-22 | 07/22/14 12:50 | 1 | Concrete |
| F26G29 | 14-07-1603-23 | 07/22/14 13:00 | 1 | Concrete |
| G26H29 | 14-07-1603-24 | 07/22/14 13:05 | 1 | Concrete |
| G25H26 | 14-07-1603-25 | 07/22/14 13:15 | 1 | Concrete |
| G23H24 | 14-07-1603-26 | 07/22/14 13:24 | 1 | Concrete |
| G21H22 | 14-07-1603-27 | 07/22/14 13:35 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1603 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC Canoga Park / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/23/14 |
| Attn: | Tom Tatnall | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AD1AC2 (14-07-1603-1) | | | | | | |
| Arsenic | 0.614 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 105 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.233 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.145 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 13.4 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.04 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.2 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.7 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 1.32 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.34 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.285 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.6 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.5 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00633 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Dimethyl Phthalate | 0.22 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| AC1AB2 (14-07-1603-2) | | | | | | |
| Arsenic | 2.15 | | 0.781 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 73.7 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.181 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.1 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.56 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.88 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.93 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.642 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.97 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.373 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.5 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 22.2 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00921 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 17 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 0.37 | J | 0.13* | mg/kg | EPA 8270C | EPA 3545 |
| Phenanthrene | 0.13 | J | 0.12* | mg/kg | EPA 8270C | EPA 3545 |
| Pyrene | 0.12 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1603 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/23/14 |
| Attn: | Tom Tatnall | | Page 2 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AA1A2 (14-07-1603-3) | | | | | | |
| Arsenic | 20.1 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 94.2 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.229 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.275 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 14.1 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.63 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.1 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.84 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.626 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.33 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.331 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 24.7 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 80.0 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0113 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 19 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| A9C10 (14-07-1603-4) | | | | | | |
| Arsenic | 1.55 | | 0.781 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 133 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.216 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.149 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.79 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.44 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 35.7 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.20 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.75 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.301 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.9 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 57.2 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Aroclor-1254 | 13 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 13 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Phenol | 0.15 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AA13A14 (14-07-1603-5) | | | | | | |
| Arsenic | 11.9 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 101 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.204 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.172 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 19.0 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.21 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 17.2 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.81 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.435 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 10.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.265 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 25.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 62.6 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 6400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00907 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 16 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| A15C16 (14-07-1603-6) | | | | | | |
| Arsenic | 1.28 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 99.4 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.221 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.4 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.56 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 7.79 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.423 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.96 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.271 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.3 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 22.2 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0156 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Dimethyl Phthalate | 0.21 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A17C18 (14-07-1603-7) | | | | | | |
| Arsenic | 2.10 | | 0.789 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 82.6 | | 0.526 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.175 | J | 0.144* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 1.22 | | 0.526 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.61 | | 0.263 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.74 | | 0.263 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 6.96 | | 0.526 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.51 | | 0.526 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.150 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 3.63 | | 0.263 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.297 | | 0.263 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.0 | | 0.263 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 61.2 | | 1.05 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0306 | J | 0.00618* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.1 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 7.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 11 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A18C19 (14-07-1603-8) | | | | | | |
| Arsenic | 0.780 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 90.9 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.242 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.281 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.36 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.07 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 34.4 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.44 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.459 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.33 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.419 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.7 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 57.1 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0272 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C25-C28 | 3.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 5.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 31 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 52 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 35 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 42 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.7 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A20C21 (14-07-1603-9) | | | | | | |
| Arsenic | 4.24 | | 0.769 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 76.1 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.204 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 32.1 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.81 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 17.0 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.526 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.386 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 27.1 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.201 | J | 0.0879* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 32.3 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 28.4 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0144 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 13 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| AA22A23 (14-07-1603-10) | | | | | | |
| Arsenic | 0.792 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 74.7 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.219 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 1.33 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.24 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.29 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.2 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.40 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.255 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.05 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.264 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 11.5 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 36.2 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00904 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 15 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C20D21 (14-07-1603-11) | | | | | | |
| Arsenic | 0.609 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 73.3 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.199 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.09 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.97 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.3 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.23 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.338 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.10 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.279 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.5 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.0 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0135 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.2 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 41 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 1.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 5.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 8.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 9.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2.7 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 96 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 83 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 340 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 12 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 2.8 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.23 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.4 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.4 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 22 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.36 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

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|---|---|---|---|
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| | | Project Name: | UTC Canoga Park / 32594-506 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C19D20 (14-07-1603-12) | | | | | | |
| Arsenic | 0.622 | J | 0.271* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 99.7 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.214 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.85 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.65 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.7 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.9 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.333 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 11.0 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.278 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.4 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.6 | | 1.05 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0319 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.22 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.0 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1.9 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 110 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 18 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.20 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.69 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.4 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.59 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.56 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.12 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

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|---|---|---|---|
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D18E19 (14-07-1603-13) | | | | | | |
| Arsenic | 0.553 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.8 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.208 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.65 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.42 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.9 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.72 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.226 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.67 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.220 | J | 0.0870* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.0 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 49.2 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0116 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 8.8 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

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|---|---|---|---|
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E25F26 (14-07-1603-14) | | | | | | |
| Arsenic | 0.557 | J | 0.270* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 90.8 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.195 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.43 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.89 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.1 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.1 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.569 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.61 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.266 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.9 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.1 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0123 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 4.7 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 17 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 26 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 24 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 4.4 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 21 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 71 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 56 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 15 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Di-n-Butyl Phthalate | 0.32 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.43 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1603 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/23/14 |
| Attn: | Tom Tatnall | | Page 11 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E24F25 (14-07-1603-15) | | | | | | |
| Arsenic | 1.36 | | 0.785 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 77.1 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.222 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 13.0 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.07 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 6.70 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.46 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.151 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.65 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.211 | J | 0.0897* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.9 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 26.6 | | 1.05 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C6 | 0.30 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 4.8 | J | 3.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 3.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 25 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 14 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.97 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 12 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F24G25 (14-07-1603-16) | | | | | | |
| Arsenic | 0.470 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 87.5 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.236 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.11 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.98 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.4 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.8 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.577 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.85 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.291 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.0 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.0 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 940 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0157 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.5 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 3.3 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 36 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.40 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1,1-Trichloroethane | 0.66 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.60 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F25G26 (14-07-1603-17) | | | | | | |
| Arsenic | 0.552 | J | 0.247* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 145 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.182 | J | 0.130* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.78 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 7.38 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 41.7 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.8 | | 0.476 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.401 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.75 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.130 | J | 0.0816* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 29.7 | | 0.238 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.8 | | 0.952 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C21-C22 | 2.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 3.6 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.9 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 15 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 22 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.51 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.23 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1603 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/23/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E26F29 (14-07-1603-18) | | | | | | |
| Arsenic | 1.04 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 109 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.202 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.83 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.07 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.5 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.27 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.287 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.30 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.306 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.8 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0117 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C7 | 3.0 | J | 2.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 260 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 25 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.42 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 3.4 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.63 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.25 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D24E25 (14-07-1603-19) | | | | | | |
| Arsenic | 0.886 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 95.4 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.217 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.62 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.38 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.1 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.71 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.311 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.63 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.318 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.3 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 59.4 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 590 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00864 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.6 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 8.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 260 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 9.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 8.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 400 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 43 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 22 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzo (a) Pyrene | 0.11 | J | 0.085* | mg/kg | EPA 8270C | EPA 3545 |
| Benzo (b) Fluoranthene | 0.088 | J | 0.083* | mg/kg | EPA 8270C | EPA 3545 |
| Benzo (g,h,i) Perylene | 0.14 | J | 0.089* | mg/kg | EPA 8270C | EPA 3545 |
| Benzyl Alcohol | 23 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 430 | | 50 | mg/kg | EPA 8270C | EPA 3545 |
| Chrysene | 0.11 | J | 0.093* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 2.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.23 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Fluoranthene | 0.25 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Indeno (1,2,3-c,d) Pyrene | 0.10 | J | 0.098* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 16 of 23 |

| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 0.29 | J | 0.13* | mg/kg | EPA 8270C | EPA 3545 |
| Phenanthrene | 0.23 | J | 0.12* | mg/kg | EPA 8270C | EPA 3545 |
| Pyrene | 0.33 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| C24D25 (14-07-1603-20) | | | | | | |
| Arsenic | 0.658 | J | 0.267* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 89.8 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.249 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.29 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.84 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.6 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.4 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.526 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.64 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.325 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.2 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.0 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0109 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.35 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 1.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.7 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.4 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.3 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 24 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 27 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 12 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 12 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.38 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 17 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E20F21 (14-07-1603-21) | | | | | | |
| Arsenic | 0.989 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 112 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.221 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.38 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.35 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.1 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.7 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.685 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.70 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.299 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.9 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.7 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 690 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0233 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.74 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 22 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 2.7 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 4.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 56 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 230 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 280 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 54 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 6.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1300 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1100 | | 250 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 19 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.64 | J | 0.14* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.78 | J | 0.28* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 37 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Octyl Phthalate | 0.19 | J | 0.084* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1603 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC Canoga Park / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/23/14 |
| Attn: | Tom Tatnall | | Page 18 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E18F19 (14-07-1603-22) | | | | | | |
| Arsenic | 0.658 | J | 0.269* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 110 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.253 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.44 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.85 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.9 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.2 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.626 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.52 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.220 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.2 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 46.4 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 410 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0108 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 64 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 160 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 280 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 330 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 620 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 400 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 260 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 110 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 2200 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 240 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 15 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.17 | J | 0.15* | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.34 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 19 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F26G29 (14-07-1603-23) | | | | | | |
| Arsenic | 0.820 | | 0.781 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 95.3 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.208 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.10 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.04 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.7 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.8 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.619 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.76 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.349 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.8 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.3 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 490 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0118 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 4.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 6.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 7.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 6.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 50 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1300 | | 250 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 19 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.34 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Methylene Chloride | 1.7 | J | 1.3* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.5 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.57 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Phenol | 0.29 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 20 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G26H29 (14-07-1603-24) | | | | | | |
| Arsenic | 0.320 | J | 0.254* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 75.5 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.205 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.79 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.06 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.6 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.67 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.192 | J | 0.129* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.34 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.254 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 51.6 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 960 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0155 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C7 | 2.6 | J | 2.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 6.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 8.7 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 7.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 7.8 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 38 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 420 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 14 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.96 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Phenol | 0.53 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 21 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G25H26 (14-07-1603-25) | | | | | | |
| Barium | 130 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.219 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.69 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.64 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.6 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.4 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.455 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.30 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.277 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.8 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 49.9 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00688 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 3.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 6.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 6.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.1 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 540 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 14 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.31 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Di-n-Butyl Phthalate | 0.10 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.30 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 22 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G23H24 (14-07-1603-26) | | | | | | |
| Arsenic | 0.723 | J | 0.250* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 97.1 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.218 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.21 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.31 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.8 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.8 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.459 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.26 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.153 | J | 0.0828* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.9 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.7 | | 0.966 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 610 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0194 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 16 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 2.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 3.5 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 37 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 85 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 150 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 160 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 270 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 310 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 200 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 97 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 34 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1400 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 75 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 240 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 17 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.32 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.56 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 15 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.85 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1603<br>UTC Canoga Park / 32594-506<br>07/23/14 |
| Attn: | Tom Tatnall | | Page 23 of 23 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G21H22 (14-07-1603-27) | | | | | | |
| Arsenic | 1.81 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 117 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.176 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 19.2 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.60 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.5 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.66 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.138 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.23 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.254 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.8 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 20.0 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Acetone | 6.9 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |

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Subcontracted analyses, if any, are not included in this summary.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 21:32** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:03** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 4300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:09** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 4500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:15** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:22** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 6400 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:28** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 4700 | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:34** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:40** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:47** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 4000 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 22:53** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:12** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:18** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:24** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:30** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:37** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:43** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 940 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:49** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1400 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 23:55** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 00:02** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 590 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 00:08** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 14:03** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 690 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 14:49** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 410 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 14:55** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 490 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 15:01** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 960 | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 15:08** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1600 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 15:14** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 610 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G21H22** | **14-07-1603-27-A** | **07/22/14 13:35** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 15:20** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2688** | **N/A** | **Solid** | **IC 11** | **07/29/14** | **07/29/14 21:07** | **140729L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2689** | **N/A** | **Solid** | **IC 11** | **07/29/14** | **07/30/14 13:50** | **140729L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 14:01** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.6 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 63 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 14:20** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 68 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 14:38** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 64 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 14:55** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.6 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 62 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 15:13** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 65 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 15:31** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 71 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 17:54** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.1 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 4.1 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 7.6 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 5.5 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 19 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 93 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 18:11** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 3.2 | 4.9 | 2.4 | 1.00 | J |
| C29-C32 | 2.7 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 5.9 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 18:29** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 66 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 18:48** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 81 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 11 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 19:23** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.2 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 41 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 1.9 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 5.2 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 9.0 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 11 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 8.8 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 9.9 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 5.8 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 2.7 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 96 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 75 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 19:41** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.22 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.0 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 1.9 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 68 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 13 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 20:00** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 20:17** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 4.7 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 13 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 17 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 26 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 24 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 11 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 4.4 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 100 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 80 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 20:35** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.30 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 4.8 | 4.9 | 3.0 | 1.00 | J |
| C11-C12 | 3.8 | 4.9 | 1.7 | 1.00 | J |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 9.0 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 83 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 20:52** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.5 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 3.3 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 5.2 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 3.2 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 14 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 93 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 17 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 21:10** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 2.8 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 3.6 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 5.9 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 4.2 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 16 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 21:29** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | 3.0 | 4.9 | 2.2 | 1.00 | J |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 73 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 22:05** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.6 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 23 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 8.9 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 6.3 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 10 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 260 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 33 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 14 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 16 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 9.3 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 8.1 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 400 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 68 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 21:48** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.35 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 11 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 1.8 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 2.7 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 4.4 | 4.9 | 2.4 | 1.00 | J |
| C29-C32 | 3.3 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 24 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 61 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 03:10** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.74 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 22 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 2.7 | 5.0 | 1.7 | 1.00 | J |
| C15-C16 | 4.4 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 56 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 120 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 160 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 230 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 290 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 280 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 130 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 54 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 6.7 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 1300 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 64 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 22 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 07:51** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | ND | 25 | 15 | 5.00 | |
| C11-C12 | ND | 25 | 8.5 | 5.00 | |
| C13-C14 | ND | 25 | 8.6 | 5.00 | |
| C15-C16 | ND | 25 | 8.8 | 5.00 | |
| C17-C18 | ND | 25 | 8.8 | 5.00 | |
| C19-C20 | 64 | 25 | 9.0 | 5.00 | |
| C21-C22 | 160 | 25 | 8.6 | 5.00 | |
| C23-C24 | 280 | 25 | 8.2 | 5.00 | |
| C25-C28 | 330 | 25 | 12 | 5.00 | |
| C29-C32 | 620 | 25 | 12 | 5.00 | |
| C33-C36 | 400 | 25 | 13 | 5.00 | |
| C37-C40 | 260 | 25 | 7.8 | 5.00 | |
| C41-C44 | 110 | 25 | 7.4 | 5.00 | |
| C6-C44 Total | 2200 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 74 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 03:46** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 4.2 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 6.5 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 6.4 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 7.3 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 7.7 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 11 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 6.9 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 50 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 61 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 04:21** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | 2.6 | 4.9 | 2.2 | 1.00 | J |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 6.6 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 8.7 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 7.6 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 7.8 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 4.7 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 38 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 61 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 04:38** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 3.0 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 4.1 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 6.5 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 6.1 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 3.1 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 23 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 66 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 04:55** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 16 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 2.0 | 4.9 | 1.7 | 1.00 | J |
| C15-C16 | 3.5 | 4.9 | 1.8 | 1.00 | J |
| C17-C18 | 37 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 85 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 150 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 160 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 270 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 310 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 200 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 97 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | 34 | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 1400 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 84 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G21H22** | **14-07-1603-27-A** | **07/22/14 13:35** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 07:33** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 90 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1052** | **N/A** | **Solid** | **GC 45** | **07/28/14** | **07/28/14 12:50** | **140728B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 79 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1050** | **N/A** | **Solid** | **GC 46** | **07/28/14** | **07/29/14 01:44** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:52** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.614 | 0.761 | 0.263 | 1.02 | J |
| Barium | 105 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.233 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | 0.145 | 0.508 | 0.137 | 1.02 | J |
| Chromium | 13.4 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 5.04 | 0.254 | 0.150 | 1.02 | |
| Copper | 26.2 | 0.508 | 0.137 | 1.02 | |
| Lead | 12.7 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 1.32 | 0.254 | 0.134 | 1.02 | |
| Nickel | 7.34 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.285 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 19.6 | 0.254 | 0.143 | 1.02 | |
| Zinc | 44.5 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:53** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.781 | 0.155 | 1.04 | |
| Arsenic | 2.15 | 0.781 | 0.270 | 1.04 | |
| Barium | 73.7 | 0.521 | 0.161 | 1.04 | |
| Beryllium | 0.181 | 0.260 | 0.143 | 1.04 | J |
| Cadmium | ND | 0.521 | 0.141 | 1.04 | |
| Chromium | 11.1 | 0.260 | 0.148 | 1.04 | |
| Cobalt | 3.56 | 0.260 | 0.154 | 1.04 | |
| Copper | 8.88 | 0.521 | 0.140 | 1.04 | |
| Lead | 1.93 | 0.521 | 0.137 | 1.04 | |
| Molybdenum | 0.642 | 0.260 | 0.137 | 1.04 | |
| Nickel | 4.97 | 0.260 | 0.151 | 1.04 | |
| Selenium | ND | 0.781 | 0.312 | 1.04 | |
| Silver | 0.373 | 0.260 | 0.0893 | 1.04 | |
| Thallium | ND | 0.781 | 0.158 | 1.04 | |
| Vanadium | 12.5 | 0.260 | 0.147 | 1.04 | |
| Zinc | 22.2 | 1.04 | 0.185 | 1.04 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:54** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 20.1 | 0.758 | 0.262 | 1.01 | |
| Barium | 94.2 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.229 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | 0.275 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 14.1 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.63 | 0.253 | 0.150 | 1.01 | |
| Copper | 16.1 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.84 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.626 | 0.253 | 0.133 | 1.01 | |
| Nickel | 9.33 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.331 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 24.7 | 0.253 | 0.143 | 1.01 | |
| Zinc | 80.0 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:55** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.781 | 0.155 | 1.04 | |
| Arsenic | 1.55 | 0.781 | 0.270 | 1.04 | |
| Barium | 133 | 0.521 | 0.161 | 1.04 | |
| Beryllium | 0.216 | 0.260 | 0.143 | 1.04 | J |
| Cadmium | 0.149 | 0.521 | 0.141 | 1.04 | J |
| Chromium | 6.79 | 0.260 | 0.148 | 1.04 | |
| Cobalt | 4.44 | 0.260 | 0.154 | 1.04 | |
| Copper | 35.7 | 0.521 | 0.140 | 1.04 | |
| Lead | 5.20 | 0.521 | 0.137 | 1.04 | |
| Molybdenum | ND | 0.260 | 0.137 | 1.04 | |
| Nickel | 6.75 | 0.260 | 0.151 | 1.04 | |
| Selenium | ND | 0.781 | 0.312 | 1.04 | |
| Silver | 0.301 | 0.260 | 0.0893 | 1.04 | |
| Thallium | ND | 0.781 | 0.158 | 1.04 | |
| Vanadium | 15.9 | 0.260 | 0.147 | 1.04 | |
| Zinc | 57.2 | 1.04 | 0.185 | 1.04 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:02** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 11.9 | 0.758 | 0.262 | 1.01 | |
| Barium | 101 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.204 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | 0.172 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 19.0 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 5.21 | 0.253 | 0.150 | 1.01 | |
| Copper | 17.2 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.81 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.435 | 0.253 | 0.133 | 1.01 | |
| Nickel | 10.5 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.265 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 25.5 | 0.253 | 0.143 | 1.01 | |
| Zinc | 62.6 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:35** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.28 | 0.750 | 0.259 | 1.00 | |
| Barium | 99.4 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.221 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 10.4 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 4.56 | 0.250 | 0.148 | 1.00 | |
| Copper | 7.79 | 0.500 | 0.135 | 1.00 | |
| Lead | 0.423 | 0.500 | 0.132 | 1.00 | J |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | 4.96 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.271 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 17.3 | 0.250 | 0.141 | 1.00 | |
| Zinc | 22.2 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:03** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.789 | 0.157 | 1.05 | |
| Arsenic | 2.10 | 0.789 | 0.273 | 1.05 | |
| Barium | 82.6 | 0.526 | 0.163 | 1.05 | |
| Beryllium | 0.175 | 0.263 | 0.144 | 1.05 | J |
| Cadmium | 1.22 | 0.526 | 0.143 | 1.05 | |
| Chromium | 8.61 | 0.263 | 0.150 | 1.05 | |
| Cobalt | 3.74 | 0.263 | 0.156 | 1.05 | |
| Copper | 6.96 | 0.526 | 0.142 | 1.05 | |
| Lead | 9.51 | 0.526 | 0.139 | 1.05 | |
| Molybdenum | 0.150 | 0.263 | 0.139 | 1.05 | J |
| Nickel | 3.63 | 0.263 | 0.152 | 1.05 | |
| Selenium | ND | 0.789 | 0.315 | 1.05 | |
| Silver | 0.297 | 0.263 | 0.0902 | 1.05 | |
| Thallium | ND | 0.789 | 0.160 | 1.05 | |
| Vanadium | 15.0 | 0.263 | 0.149 | 1.05 | |
| Zinc | 61.2 | 1.05 | 0.187 | 1.05 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:04** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.780 | 0.773 | 0.267 | 1.03 | |
| Barium | 90.9 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.242 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | 0.281 | 0.515 | 0.140 | 1.03 | J |
| Chromium | 6.36 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 4.07 | 0.258 | 0.153 | 1.03 | |
| Copper | 34.4 | 0.515 | 0.139 | 1.03 | |
| Lead | 9.44 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.459 | 0.258 | 0.136 | 1.03 | |
| Nickel | 5.33 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.419 | 0.258 | 0.0884 | 1.03 | |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 13.7 | 0.258 | 0.146 | 1.03 | |
| Zinc | 57.1 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:06** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 4.24 | 0.769 | 0.266 | 1.03 | |
| Barium | 76.1 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.204 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 32.1 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 4.81 | 0.256 | 0.152 | 1.03 | |
| Copper | 17.0 | 0.513 | 0.138 | 1.03 | |
| Lead | 0.526 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.386 | 0.256 | 0.135 | 1.03 | |
| Nickel | 27.1 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.201 | 0.256 | 0.0879 | 1.03 | J |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 32.3 | 0.256 | 0.145 | 1.03 | |
| Zinc | 28.4 | 1.03 | 0.182 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:07** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 0.792 | 0.746 | 0.258 | 0.995 | |
| Barium | 74.7 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.219 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | 1.33 | 0.498 | 0.135 | 0.995 | |
| Chromium | 7.24 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 3.29 | 0.249 | 0.147 | 0.995 | |
| Copper | 25.2 | 0.498 | 0.134 | 0.995 | |
| Lead | 7.40 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.255 | 0.249 | 0.131 | 0.995 | |
| Nickel | 5.05 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.264 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 11.5 | 0.249 | 0.141 | 0.995 | |
| Zinc | 36.2 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:08** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.609 | 0.761 | 0.263 | 1.02 | J |
| Barium | 73.3 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.199 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 8.09 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 3.97 | 0.254 | 0.150 | 1.02 | |
| Copper | 26.3 | 0.508 | 0.137 | 1.02 | |
| Lead | 9.23 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.338 | 0.254 | 0.134 | 1.02 | |
| Nickel | 5.10 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.279 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 12.5 | 0.254 | 0.143 | 1.02 | |
| Zinc | 44.0 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:10** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.785 | 0.156 | 1.05 | |
| Arsenic | 0.622 | 0.785 | 0.271 | 1.05 | J |
| Barium | 99.7 | 0.524 | 0.162 | 1.05 | |
| Beryllium | 0.214 | 0.262 | 0.143 | 1.05 | J |
| Cadmium | ND | 0.524 | 0.142 | 1.05 | |
| Chromium | 9.85 | 0.262 | 0.149 | 1.05 | |
| Cobalt | 5.65 | 0.262 | 0.155 | 1.05 | |
| Copper | 29.7 | 0.524 | 0.141 | 1.05 | |
| Lead | 11.9 | 0.524 | 0.138 | 1.05 | |
| Molybdenum | 0.333 | 0.262 | 0.138 | 1.05 | |
| Nickel | 11.0 | 0.262 | 0.152 | 1.05 | |
| Selenium | ND | 0.785 | 0.314 | 1.05 | |
| Silver | 0.278 | 0.262 | 0.0897 | 1.05 | |
| Thallium | ND | 0.785 | 0.159 | 1.05 | |
| Vanadium | 14.4 | 0.262 | 0.148 | 1.05 | |
| Zinc | 45.6 | 1.05 | 0.186 | 1.05 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:11** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.553 | 0.761 | 0.263 | 1.02 | J |
| Barium | 92.8 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.208 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 5.65 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 4.42 | 0.254 | 0.150 | 1.02 | |
| Copper | 23.9 | 0.508 | 0.137 | 1.02 | |
| Lead | 7.72 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.226 | 0.254 | 0.134 | 1.02 | J |
| Nickel | 5.67 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.220 | 0.254 | 0.0870 | 1.02 | J |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 15.0 | 0.254 | 0.143 | 1.02 | |
| Zinc | 49.2 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:13** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.781 | 0.155 | 1.04 | |
| Arsenic | 0.557 | 0.781 | 0.270 | 1.04 | J |
| Barium | 90.8 | 0.521 | 0.161 | 1.04 | |
| Beryllium | 0.195 | 0.260 | 0.143 | 1.04 | J |
| Cadmium | ND | 0.521 | 0.141 | 1.04 | |
| Chromium | 6.43 | 0.260 | 0.148 | 1.04 | |
| Cobalt | 3.89 | 0.260 | 0.154 | 1.04 | |
| Copper | 24.1 | 0.521 | 0.140 | 1.04 | |
| Lead | 14.1 | 0.521 | 0.137 | 1.04 | |
| Molybdenum | 0.569 | 0.260 | 0.137 | 1.04 | |
| Nickel | 5.61 | 0.260 | 0.151 | 1.04 | |
| Selenium | ND | 0.781 | 0.312 | 1.04 | |
| Silver | 0.266 | 0.260 | 0.0893 | 1.04 | |
| Thallium | ND | 0.781 | 0.158 | 1.04 | |
| Vanadium | 12.9 | 0.260 | 0.147 | 1.04 | |
| Zinc | 48.1 | 1.04 | 0.185 | 1.04 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:14** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.785 | 0.156 | 1.05 | |
| Arsenic | 1.36 | 0.785 | 0.271 | 1.05 | |
| Barium | 77.1 | 0.524 | 0.162 | 1.05 | |
| Beryllium | 0.222 | 0.262 | 0.143 | 1.05 | J |
| Cadmium | ND | 0.524 | 0.142 | 1.05 | |
| Chromium | 13.0 | 0.262 | 0.149 | 1.05 | |
| Cobalt | 4.07 | 0.262 | 0.155 | 1.05 | |
| Copper | 6.70 | 0.524 | 0.141 | 1.05 | |
| Lead | 6.46 | 0.524 | 0.138 | 1.05 | |
| Molybdenum | 0.151 | 0.262 | 0.138 | 1.05 | J |
| Nickel | 5.65 | 0.262 | 0.152 | 1.05 | |
| Selenium | ND | 0.785 | 0.314 | 1.05 | |
| Silver | 0.211 | 0.262 | 0.0897 | 1.05 | J |
| Thallium | ND | 0.785 | 0.159 | 1.05 | |
| Vanadium | 17.9 | 0.262 | 0.148 | 1.05 | |
| Zinc | 26.6 | 1.05 | 0.186 | 1.05 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:21** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.470 | 0.761 | 0.263 | 1.02 | J |
| Barium | 87.5 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.236 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 6.11 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 3.98 | 0.254 | 0.150 | 1.02 | |
| Copper | 24.4 | 0.508 | 0.137 | 1.02 | |
| Lead | 13.8 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.577 | 0.254 | 0.134 | 1.02 | |
| Nickel | 5.85 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.291 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 14.0 | 0.254 | 0.143 | 1.02 | |
| Zinc | 52.0 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:22** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.714 | 0.142 | 0.952 | |
| Arsenic | 0.552 | 0.714 | 0.247 | 0.952 | J |
| Barium | 145 | 0.476 | 0.147 | 0.952 | |
| Beryllium | 0.182 | 0.238 | 0.130 | 0.952 | J |
| Cadmium | ND | 0.476 | 0.129 | 0.952 | |
| Chromium | 5.78 | 0.238 | 0.136 | 0.952 | |
| Cobalt | 7.38 | 0.238 | 0.141 | 0.952 | |
| Copper | 41.7 | 0.476 | 0.128 | 0.952 | |
| Lead | 10.8 | 0.476 | 0.125 | 0.952 | |
| Molybdenum | 0.401 | 0.238 | 0.126 | 0.952 | |
| Nickel | 6.75 | 0.238 | 0.138 | 0.952 | |
| Selenium | ND | 0.714 | 0.285 | 0.952 | |
| Silver | 0.130 | 0.238 | 0.0816 | 0.952 | J |
| Thallium | ND | 0.714 | 0.144 | 0.952 | |
| Vanadium | 29.7 | 0.238 | 0.135 | 0.952 | |
| Zinc | 44.8 | 0.952 | 0.169 | 0.952 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:23** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.04 | 0.750 | 0.259 | 1.00 | |
| Barium | 109 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.202 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 5.83 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 4.07 | 0.250 | 0.148 | 1.00 | |
| Copper | 27.5 | 0.500 | 0.135 | 1.00 | |
| Lead | 9.27 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.287 | 0.250 | 0.132 | 1.00 | |
| Nickel | 5.30 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.306 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 13.5 | 0.250 | 0.141 | 1.00 | |
| Zinc | 53.8 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:24** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.886 | 0.761 | 0.263 | 1.02 | |
| Barium | 95.4 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.217 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 8.62 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 4.38 | 0.254 | 0.150 | 1.02 | |
| Copper | 29.1 | 0.508 | 0.137 | 1.02 | |
| Lead | 8.71 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.311 | 0.254 | 0.134 | 1.02 | |
| Nickel | 8.63 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.318 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 13.3 | 0.254 | 0.143 | 1.02 | |
| Zinc | 59.4 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:25** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.658 | 0.773 | 0.267 | 1.03 | J |
| Barium | 89.8 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.249 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 6.29 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 3.84 | 0.258 | 0.153 | 1.03 | |
| Copper | 28.6 | 0.515 | 0.139 | 1.03 | |
| Lead | 15.4 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.526 | 0.258 | 0.136 | 1.03 | |
| Nickel | 5.64 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.325 | 0.258 | 0.0884 | 1.03 | |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 13.2 | 0.258 | 0.146 | 1.03 | |
| Zinc | 52.0 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:26** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 0.989 | 0.758 | 0.262 | 1.01 | |
| Barium | 112 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.221 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 6.38 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.35 | 0.253 | 0.150 | 1.01 | |
| Copper | 24.1 | 0.505 | 0.136 | 1.01 | |
| Lead | 14.7 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.685 | 0.253 | 0.133 | 1.01 | |
| Nickel | 6.70 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.299 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 13.9 | 0.253 | 0.143 | 1.01 | |
| Zinc | 48.7 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:28** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 0.658 | 0.777 | 0.269 | 1.04 | J |
| Barium | 110 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.253 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 5.44 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.85 | 0.259 | 0.153 | 1.04 | |
| Copper | 26.9 | 0.518 | 0.140 | 1.04 | |
| Lead | 15.2 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.626 | 0.259 | 0.137 | 1.04 | |
| Nickel | 6.52 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.220 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 14.2 | 0.259 | 0.146 | 1.04 | |
| Zinc | 46.4 | 1.04 | 0.184 | 1.04 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:29** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.781 | 0.155 | 1.04 | |
| Arsenic | 0.820 | 0.781 | 0.270 | 1.04 | |
| Barium | 95.3 | 0.521 | 0.161 | 1.04 | |
| Beryllium | 0.208 | 0.260 | 0.143 | 1.04 | J |
| Cadmium | ND | 0.521 | 0.141 | 1.04 | |
| Chromium | 7.10 | 0.260 | 0.148 | 1.04 | |
| Cobalt | 4.04 | 0.260 | 0.154 | 1.04 | |
| Copper | 28.7 | 0.521 | 0.140 | 1.04 | |
| Lead | 11.8 | 0.521 | 0.137 | 1.04 | |
| Molybdenum | 0.619 | 0.260 | 0.137 | 1.04 | |
| Nickel | 6.76 | 0.260 | 0.151 | 1.04 | |
| Selenium | ND | 0.781 | 0.312 | 1.04 | |
| Silver | 0.349 | 0.260 | 0.0893 | 1.04 | |
| Thallium | ND | 0.781 | 0.158 | 1.04 | |
| Vanadium | 12.8 | 0.260 | 0.147 | 1.04 | |
| Zinc | 48.3 | 1.04 | 0.185 | 1.04 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:30** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | 0.320 | 0.735 | 0.254 | 0.980 | J |
| Barium | 75.5 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.205 | 0.245 | 0.134 | 0.980 | J |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 5.79 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 4.06 | 0.245 | 0.145 | 0.980 | |
| Copper | 23.6 | 0.490 | 0.132 | 0.980 | |
| Lead | 7.67 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.192 | 0.245 | 0.129 | 0.980 | J |
| Nickel | 5.34 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.254 | 0.245 | 0.0840 | 0.980 | |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 13.9 | 0.245 | 0.138 | 0.980 | |
| Zinc | 51.6 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:31** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | ND | 0.739 | 0.255 | 0.985 | |
| Barium | 130 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.219 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 7.69 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 4.64 | 0.246 | 0.146 | 0.985 | |
| Copper | 24.6 | 0.493 | 0.133 | 0.985 | |
| Lead | 12.4 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.455 | 0.246 | 0.130 | 0.985 | |
| Nickel | 6.30 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.277 | 0.246 | 0.0844 | 0.985 | |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 15.8 | 0.246 | 0.139 | 0.985 | |
| Zinc | 49.9 | 0.985 | 0.175 | 0.985 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:37** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.725 | 0.144 | 0.966 | |
| Arsenic | 0.723 | 0.725 | 0.250 | 0.966 | J |
| Barium | 97.1 | 0.483 | 0.149 | 0.966 | |
| Beryllium | 0.218 | 0.242 | 0.132 | 0.966 | J |
| Cadmium | ND | 0.483 | 0.131 | 0.966 | |
| Chromium | 5.21 | 0.242 | 0.137 | 0.966 | |
| Cobalt | 5.31 | 0.242 | 0.143 | 0.966 | |
| Copper | 21.8 | 0.483 | 0.130 | 0.966 | |
| Lead | 12.8 | 0.483 | 0.127 | 0.966 | |
| Molybdenum | 0.459 | 0.242 | 0.128 | 0.966 | |
| Nickel | 6.26 | 0.242 | 0.140 | 0.966 | |
| Selenium | ND | 0.725 | 0.289 | 0.966 | |
| Silver | 0.153 | 0.242 | 0.0828 | 0.966 | J |
| Thallium | ND | 0.725 | 0.147 | 0.966 | |
| Vanadium | 22.9 | 0.242 | 0.136 | 0.966 | |
| Zinc | 50.7 | 0.966 | 0.172 | 0.966 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G21H22** | **14-07-1603-27-A** | **07/22/14 13:35** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 18:39** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 1.81 | 0.754 | 0.260 | 1.01 | |
| Barium | 117 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.176 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 19.2 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 5.60 | 0.251 | 0.149 | 1.01 | |
| Copper | 11.5 | 0.503 | 0.135 | 1.01 | |
| Lead | 1.66 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.138 | 0.251 | 0.133 | 1.01 | J |
| Nickel | 6.23 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.254 | 0.251 | 0.0861 | 1.01 | |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 19.8 | 0.251 | 0.142 | 1.01 | |
| Zinc | 20.0 | 1.01 | 0.178 | 1.01 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18664** | **N/A** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:23** | **140728L01A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18663** | **N/A** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:27** | **140728L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:48** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00633 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:50** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00921 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:52** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0113 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:55** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0794 | 0.00559 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:57** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00907 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:32** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0156 | 0.0833 | 0.00587 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:59** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0306 | 0.0877 | 0.00618 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:01** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0272 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:03** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0144 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:05** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00904 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:08** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0135 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:14** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0319 | 0.0806 | 0.00568 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:16** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0116 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:19** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0123 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:21** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:23** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0157 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:25** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0820 | 0.00578 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:28** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0117 | 0.0862 | 0.00607 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:30** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00864 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 20:32** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0109 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:51** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0233 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:53** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0108 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:55** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0118 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:57** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0155 | 0.0806 | 0.00568 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 21:00** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00688 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 21:07** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0194 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G21H22** | **14-07-1603-27-A** | **07/22/14 13:35** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:39** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-19** | **N/A** | **Solid** | **Mercury 05** | **07/29/14** | **07/29/14 19:28** | **140729L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-18** | **N/A** | **Solid** | **Mercury 04** | **07/29/14** | **07/29/14 20:30** | **140729L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 11:41** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 135 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 102 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 11:59** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 12:17** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 133 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 109 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 12:35** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 13 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 12:53** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 133 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 13:47** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 131 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 14:05** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 14:23** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 31 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 52 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 35 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 14:41** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 14:58** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 15:17** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 83 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 340 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 15:51** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 110 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 16:09** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 129 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 16:27** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 21 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 71 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 56 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 17:41** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 25 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 17:59** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 18:17** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 15 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 18:35** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 260 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 18:53** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 43 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 127 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 105 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 19:11** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 27 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 13:15** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 16:48** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1100 | 250 | 61 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 13:34** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 240 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 13:53** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 157 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 17:07** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1300 | 250 | 60 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 90 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 15:21** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 420 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 15:40** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 540 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 134 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **GC 31** | **07/29/14** | **07/31/14 15:59** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 75 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 240 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 130 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2768** | **N/A** | **Solid** | **GC 31** | **07/29/14** | **07/30/14 10:32** | **140729L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2773** | **N/A** | **Solid** | **GC 58** | **08/29/14** | **07/31/14 11:05** | **140729L15** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 14:04** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.22 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 3 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 5 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 80 | 33-123 | |
| p-Terphenyl-d14 | 101 | 27-159 | |
| Phenol-d6 | 29 | 26-122 | |
| 2,4,6-Tribromophenol | 3 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 14:22** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 0.37 | 0.50 | 0.13 | 1.00 | J |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | 0.13 | 0.50 | 0.12 | 1.00 | J |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | 0.12 | 0.50 | 0.10 | 1.00 | J |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 6 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 67 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 98 | 27-159 | |
| Phenol-d6 | 15 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 14:41** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 9 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 3 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 97 | 27-159 | |
| Phenol-d6 | 32 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 14:59** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.15 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 65 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 12 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 15:18** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 96 | 27-159 | |
| Phenol-d6 | 24 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 15:36** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.21 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 89 | 33-123 | |
| p-Terphenyl-d14 | 100 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 19:17** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 19:36** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 24 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 19:54** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 27 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 104 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 104 | 33-123 | |
| p-Terphenyl-d14 | 113 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 20:13** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 30 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 15:54** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.36 | 0.50 | 0.097 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 9 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 40 | 26-122 | |
| 2,4,6-Tribromophenol | 1 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/04/14 11:51** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 22 | 5.0 | 1.6 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 7 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 34 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 16:13** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 0.56 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.12 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 36 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 99 | 27-159 | |
| Phenol-d6 | 16 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 16:31** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 39 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 68 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 28 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 16:50** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.32 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.43 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 42 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 21 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 17:08** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.97 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 45 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 17:26** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 48 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 91 | 27-120 | |
| 2-Fluorophenol | 7 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 92 | 33-123 | |
| p-Terphenyl-d14 | 99 | 27-159 | |
| Phenol-d6 | 39 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 17:45** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | 0.50 | 0.097 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.23 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 51 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 5 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 97 | 27-159 | |
| Phenol-d6 | 37 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 18:03** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.25 | 0.50 | 0.097 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 54 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 21 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 18:22** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | 0.11 | 0.50 | 0.085 | 1.00 | J |
| Benzo (b) Fluoranthene | 0.088 | 0.50 | 0.083 | 1.00 | J |
| Benzo (g,h,i) Perylene | 0.14 | 0.50 | 0.089 | 1.00 | J |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | 0.11 | 0.50 | 0.093 | 1.00 | J |
| Di-n-Butyl Phthalate | 2.1 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Dimethyl Phthalate | 0.23 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | 0.25 | 0.50 | 0.11 | 1.00 | J |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | 0.10 | 0.50 | 0.098 | 1.00 | J |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 0.29 | 0.50 | 0.13 | 1.00 | J |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | 0.23 | 0.50 | 0.12 | 1.00 | J |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | 0.33 | 0.50 | 0.10 | 1.00 | J |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 85 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 18:40** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 23 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 91 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 92 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/04/14 12:10** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Butyl Benzyl Phthalate | 430 | 50 | 10 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 76 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 18:59** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 12 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.38 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 60 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 84 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 88 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 16:45** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | 0.19 | 0.50 | 0.084 | 1.00 | J |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 63 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 102 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 108 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/04/14 13:25** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 37 | 5.0 | 1.6 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 108 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 115 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 17:04** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 0.17 | 0.50 | 0.15 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.34 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 66 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 17:22** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.29 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 69 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 90 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 9 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 17:41** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.53 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 72 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 94 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 65 | 33-123 | |
| p-Terphenyl-d14 | 105 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 18:00** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.10 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.30 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 75 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 93 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 100 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 18:19** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 15 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.85 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 78 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 48 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 32 | 33-123 | 2,6 |
| p-Terphenyl-d14 | 50 | 27-159 | |
| Phenol-d6 | 8 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G21H22** | **14-07-1603-27-A** | **07/22/14 13:35** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 18:37** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 81 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 89 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 66 | 33-123 | |
| p-Terphenyl-d14 | 103 | 27-159 | |
| Phenol-d6 | 1 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-8** | **N/A** | **Solid** | **GC/MS CCC** | **08/02/14** | **08/02/14 13:46** | **140802L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 84 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 90 | 27-120 | |
| 2-Fluorophenol | 94 | 25-120 | |
| Nitrobenzene-d5 | 94 | 33-123 | |
| p-Terphenyl-d14 | 98 | 27-159 | |
| Phenol-d6 | 88 | 26-122 | |
| 2,4,6-Tribromophenol | 94 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-7** | **N/A** | **Solid** | **GC/MS SS** | **08/02/14** | **08/02/14 13:55** | **140802L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 87 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 98 | 27-120 | |
| 2-Fluorophenol | 96 | 25-120 | |
| Nitrobenzene-d5 | 88 | 33-123 | |
| p-Terphenyl-d14 | 107 | 27-159 | |
| Phenol-d6 | 94 | 26-122 | |
| 2,4,6-Tribromophenol | 96 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD1AC2** | **14-07-1603-1-A** | **07/22/14 07:42** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 14:27** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 45 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC1AB2** | **14-07-1603-2-A** | **07/22/14 07:50** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 16:11** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 17 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.2 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | ND | 52 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.2 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.2 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA1A2** | **14-07-1603-3-A** | **07/22/14 08:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 16:37** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 19 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 65 | 63-141 | |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506 Page 7 of 58

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A9C10** | **14-07-1603-4-A** | **07/22/14 08:10** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 17:03** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 13 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA13A14** | **14-07-1603-5-A** | **07/22/14 08:20** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 17:28** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 16 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 62 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 11 of 58 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A15C16** | **14-07-1603-6-A** | **07/22/14 09:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 17:55** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.0 | 1.00 | |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | ND | 48 | 0.78 | 1.00 | |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 101 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506 Page 13 of 58

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A17C18** | **14-07-1603-7-A** | **07/22/14 09:40** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 18:20** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 11 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A18C19** | **14-07-1603-8-A** | **07/22/14 09:55** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 18:46** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 42 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 4.7 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 46 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 122 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506 Page 17 of 58

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A20C21** | **14-07-1603-9-A** | **07/22/14 10:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 19:13** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 13 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 37 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506 Page 19 of 58

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AA22A23** | **14-07-1603-10-A** | **07/22/14 10:05** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 19:39** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 15 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 55 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C20D21** | **14-07-1603-11-A** | **07/22/14 10:57** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 20:05** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 12 | 130 | 6.4 | 1.00 | J |
| Benzene | 2.8 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 0.23 | 5.1 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | 1.4 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | 1.4 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 51 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C19D20** | **14-07-1603-12-A** | **07/22/14 11:03** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 20:31** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 18 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 0.20 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.69 | 5.0 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 1.4 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 0.59 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D18E19** | **14-07-1603-13-A** | **07/22/14 11:10** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 20:56** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 8.8 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 46 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506 Page 27 of 58

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E25F26** | **14-07-1603-14-A** | **07/22/14 11:30** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 21:22** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 15 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E24F25** | **14-07-1603-15-A** | **07/22/14 11:35** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 21:48** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 14 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 53 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 124 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F24G25** | **14-07-1603-16-A** | **07/22/14 11:42** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 03:24** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 36 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 0.40 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | 0.66 | 5.1 | 0.23 | 1.00 | J |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.60 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 37 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F25G26** | **14-07-1603-17-A** | **07/22/14 11:48** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 03:50** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 22 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.51 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 42 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29** | **14-07-1603-18-A** | **07/22/14 11:55** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 04:15** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 25 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 0.42 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 3.4 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | 0.63 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D24E25** | **14-07-1603-19-A** | **07/22/14 12:15** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 04:41** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 22 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 40 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 121 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C24D25** | **14-07-1603-20-A** | **07/22/14 12:20** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 05:07** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 12 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E20F21** | **14-07-1603-21-A** | **07/22/14 12:40** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 01:40** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 19 | 130 | 6.5 | 1.00 | J |
| Benzene | 0.64 | 5.2 | 0.14 | 1.00 | J |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.83 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.6 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.27 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.81 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.46 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.27 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 0.66 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | ND | 52 | 0.85 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | ND | 5.2 | 0.54 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 0.78 | 5.2 | 0.28 | 1.00 | J |
| o-Xylene | ND | 5.2 | 0.58 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E18F19** | **14-07-1603-22-A** | **07/22/14 12:50** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 05:33** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 15 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 41 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29** | **14-07-1603-23-A** | **07/22/14 13:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 05:59** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 19 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 0.34 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | 1.7 | 50 | 1.3 | 1.00 | J |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 2.5 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 0.57 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G26H29** | **14-07-1603-24-A** | **07/22/14 13:05** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 06:25** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 14 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.96 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 37 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G25H26** | **14-07-1603-25-A** | **07/22/14 13:15** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 06:51** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 14 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | 0.31 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G23H24** | **14-07-1603-26-A** | **07/22/14 13:24** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 07:17** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 17 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.32 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.56 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 38 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G21H22** | **14-07-1603-27-A** | **07/22/14 13:35** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 07:44** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 6.9 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 31 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 121 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 55 of 58 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-338** | **N/A** | **Solid** | **GC/MS Q** | **07/26/14** | **07/26/14 13:35** | **140726L007** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 103 | 63-141 | |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-340** | **N/A** | **Solid** | **GC/MS Q** | **07/26/14** | **07/27/14 00:48** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 107 | 63-141 | |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AD1AC2** | **Sample** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 21:32** | **140729S01P** |
| **AD1AC2** | **Matrix Spike** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 21:38** | **140729S01P** |
| **AD1AC2** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/29/14** | **07/29/14 21:44** | **140729S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 2315 | 40000 | 37870 | 89 | 37050 | 87 | 75-125 | 2 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3060A
Method: EPA 7199

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **E20F21** | **Sample** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 14:03** | **140729S02P** |
| **E20F21** | **Matrix Spike** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 14:15** | **140729S02P** |
| **E20F21** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/29/14** | **07/30/14 14:25** | **140729S02P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 692.4 | 40000 | 48440 | 119 | 42940 | 106 | 75-125 | 12 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC1AB2** | **Sample** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 14:20** | **140728S01** |
| **AC1AB2** | **Matrix Spike** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 13:26** | **140728S01** |
| **AC1AB2** | **Matrix Spike Duplicate** | **Concrete** | **GC 45** | **07/28/14** | **07/28/14 13:44** | **140728S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | ND | 400.0 | 399.1 | 100 | 366.0 | 91 | 64-130 | 9 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1690-21** | **Sample** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:53** | **140728S02** |
| **14-07-1690-21** | **Matrix Spike** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:19** | **140728S02** |
| **14-07-1690-21** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:36** | **140728S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 22.70 | 400.0 | 360.1 | 84 | 364.6 | 85 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-0678-6** | **Sample** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:47** | **140728S01** |
| **14-07-0678-6** | **Matrix Spike** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:48** | **140728S01** |
| **14-07-0678-6** | **Matrix Spike Duplicate** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:49** | **140728S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 6.292 | 25 | 5.568 | 22 | 50-115 | 12 | 0-20 | 3 |
| Arsenic | ND | 25.00 | 26.10 | 104 | 26.27 | 105 | 75-125 | 1 | 0-20 | |
| Barium | 82.51 | 25.00 | 104.2 | 87 | 98.04 | 62 | 75-125 | 6 | 0-20 | 3 |
| Beryllium | 0.5801 | 25.00 | 28.29 | 111 | 27.89 | 109 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 26.41 | 106 | 25.98 | 104 | 75-125 | 2 | 0-20 | |
| Chromium | 7.124 | 25.00 | 35.28 | 113 | 34.93 | 111 | 75-125 | 1 | 0-20 | |
| Cobalt | 2.832 | 25.00 | 30.49 | 111 | 30.09 | 109 | 75-125 | 1 | 0-20 | |
| Copper | 3.646 | 25.00 | 30.54 | 108 | 30.07 | 106 | 75-125 | 2 | 0-20 | |
| Lead | 2.933 | 25.00 | 29.36 | 106 | 29.31 | 106 | 75-125 | 0 | 0-20 | |
| Molybdenum | ND | 25.00 | 23.00 | 92 | 22.84 | 91 | 75-125 | 1 | 0-20 | |
| Nickel | 3.697 | 25.00 | 30.32 | 106 | 30.03 | 105 | 75-125 | 1 | 0-20 | |
| Selenium | ND | 25.00 | 25.18 | 101 | 24.75 | 99 | 75-125 | 2 | 0-20 | |
| Silver | ND | 12.50 | 13.97 | 112 | 13.96 | 112 | 75-125 | 0 | 0-20 | |
| Thallium | ND | 25.00 | 16.45 | 66 | 17.11 | 68 | 75-125 | 4 | 0-20 | 3 |
| Vanadium | 15.94 | 25.00 | 44.01 | 112 | 43.85 | 112 | 75-125 | 0 | 0-20 | |
| Zinc | 17.86 | 25.00 | 47.12 | 117 | 46.27 | 114 | 75-125 | 2 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A15C16** | **Sample** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:35** | **140728S06** |
| **A15C16** | **Matrix Spike** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:37** | **140728S06** |
| **A15C16** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **07/28/14** | **07/29/14 17:38** | **140728S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 12.75 | 51 | 9.226 | 37 | 50-115 | 32 | 0-20 | 3,4 |
| Arsenic | 1.281 | 25.00 | 27.59 | 105 | 28.13 | 107 | 75-125 | 2 | 0-20 | |
| Barium | 99.35 | 25.00 | 118.9 | 78 | 126.1 | 107 | 75-125 | 6 | 0-20 | |
| Beryllium | ND | 25.00 | 26.78 | 107 | 27.72 | 111 | 75-125 | 3 | 0-20 | |
| Cadmium | ND | 25.00 | 24.06 | 96 | 24.98 | 100 | 75-125 | 4 | 0-20 | |
| Chromium | 10.41 | 25.00 | 34.90 | 98 | 36.98 | 106 | 75-125 | 6 | 0-20 | |
| Cobalt | 4.564 | 25.00 | 29.76 | 101 | 30.51 | 104 | 75-125 | 3 | 0-20 | |
| Copper | 7.794 | 25.00 | 32.85 | 100 | 34.34 | 106 | 75-125 | 4 | 0-20 | |
| Lead | ND | 25.00 | 24.37 | 97 | 25.43 | 102 | 75-125 | 4 | 0-20 | |
| Molybdenum | ND | 25.00 | 25.28 | 101 | 26.30 | 105 | 75-125 | 4 | 0-20 | |
| Nickel | 4.964 | 25.00 | 28.67 | 95 | 29.88 | 100 | 75-125 | 4 | 0-20 | |
| Selenium | ND | 25.00 | 24.51 | 98 | 25.61 | 102 | 75-125 | 4 | 0-20 | |
| Silver | 0.2714 | 12.50 | 14.23 | 112 | 14.80 | 116 | 75-125 | 4 | 0-20 | |
| Thallium | ND | 25.00 | 21.77 | 87 | 21.76 | 87 | 75-125 | 0 | 0-20 | |
| Vanadium | 17.28 | 25.00 | 42.03 | 99 | 44.54 | 109 | 75-125 | 6 | 0-20 | |
| Zinc | 22.15 | 25.00 | 42.49 | 81 | 44.68 | 90 | 75-125 | 5 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G21H22** | **Sample** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:39** | **140729S07** |
| **G21H22** | **Matrix Spike** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:42** | **140729S07** |
| **G21H22** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 04** | **07/29/14** | **07/29/14 20:44** | **140729S07** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.7505 | 90 | 0.6347 | 76 | 80-120 | 17 | 0-15 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 7471A Total
Method: EPA 7471A
Page 8 of 18

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A15C16** | **Sample** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:32** | **140729S06** |
| **A15C16** | **Matrix Spike** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:34** | **140729S06** |
| **A15C16** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **07/29/14** | **07/29/14 19:37** | **140729S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.8526 | 102 | 0.6443 | 77 | 80-120 | 28 | 0-15 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1632-33** | **Sample** | **Concrete** | **GC 31** | **07/29/14** | **07/30/14 12:45** | **140729S12** |
| **14-07-1632-33** | **Matrix Spike** | **Concrete** | **GC 31** | **07/29/14** | **07/30/14 12:07** | **140729S12** |
| **14-07-1632-33** | **Matrix Spike Duplicate** | **Concrete** | **GC 31** | **07/29/14** | **07/30/14 12:26** | **140729S12** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 289.2 | 289 | 278.7 | 279 | 50-135 | 4 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 321.5 | 321 | 328.6 | 329 | 50-135 | 2 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC1AB2** | **Sample** | **Concrete** | **GC 58** | **07/29/14** | **07/31/14 11:59** | **140729S15** |
| **AC1AB2** | **Matrix Spike** | **Concrete** | **GC 58** | **08/29/14** | **07/31/14 19:29** | **140729S15** |
| **AC1AB2** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **08/29/14** | **07/31/14 19:47** | **140729S15** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 92.86 | 93 | 99.96 | 100 | 50-135 | 7 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 99.50 | 99 | 100.9 | 101 | 50-135 | 1 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G21H22** | **Sample** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 18:37** | **140802S02** |
| **G21H22** | **Matrix Spike** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 18:56** | **140802S02** |
| **G21H22** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS SS** | **08/02/14** | **08/02/14 19:15** | **140802S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.670 | 97 | 9.222 | 92 | 34-148 | 5 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.441 | 94 | 9.152 | 92 | 53-120 | 3 | 0-20 | |
| Aniline | ND | 10.00 | 5.761 | 58 | 5.362 | 54 | 80-120 | 7 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 10.01 | 100 | 9.485 | 95 | 80-120 | 5 | 0-20 | |
| Azobenzene | ND | 10.00 | 8.801 | 88 | 8.244 | 82 | 80-120 | 7 | 0-20 | |
| Benzidine | ND | 10.00 | 8.863 | 89 | 8.031 | 80 | 80-120 | 10 | 0-20 | |
| Benzo (a) Anthracene | ND | 10.00 | 9.785 | 98 | 9.314 | 93 | 80-120 | 5 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 11.31 | 113 | 10.80 | 108 | 80-120 | 5 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 10.75 | 107 | 10.26 | 103 | 80-120 | 5 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 13.05 | 130 | 12.28 | 123 | 80-120 | 6 | 0-20 | 3 |
| Benzo (k) Fluoranthene | ND | 10.00 | 9.829 | 98 | 9.313 | 93 | 80-120 | 5 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 9.457 | 95 | 8.784 | 88 | 80-120 | 7 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 8.514 | 85 | 8.033 | 80 | 80-120 | 6 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 9.357 | 94 | 7.959 | 80 | 80-120 | 16 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 9.152 | 92 | 8.500 | 85 | 80-120 | 7 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 10.07 | 101 | 9.672 | 97 | 80-120 | 4 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 10.22 | 102 | 9.649 | 96 | 80-120 | 6 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.131 | 91 | 9.004 | 90 | 15-189 | 1 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 0.7521 | 8 | 0.5504 | 6 | 32-120 | 31 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 10.00 | 6.442 | 64 | 6.151 | 62 | 80-120 | 5 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 9.520 | 95 | 9.174 | 92 | 80-120 | 4 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 53-120 | 0 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 9.312 | 93 | 8.988 | 90 | 80-120 | 4 | 0-20 | |
| Chrysene | ND | 10.00 | 9.895 | 99 | 9.281 | 93 | 80-120 | 6 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 9.658 | 97 | 9.335 | 93 | 80-120 | 3 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 10.48 | 105 | 10.14 | 101 | 80-120 | 3 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 13.15 | 132 | 12.42 | 124 | 80-120 | 6 | 0-20 | 3 |
| Dibenzofuran | ND | 10.00 | 9.610 | 96 | 9.194 | 92 | 80-120 | 4 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 9.524 | 95 | 8.559 | 86 | 80-120 | 11 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 8.623 | 86 | 7.756 | 78 | 80-120 | 11 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 10.00 | 9.003 | 90 | 8.405 | 84 | 43-120 | 7 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 6.168 | 62 | 6.027 | 60 | 80-120 | 2 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 8.681 | 87 | 8.381 | 84 | 80-120 | 4 | 0-20 | |
| Dimethyl Phthalate | ND | 10.00 | 7.522 | 75 | 7.352 | 74 | 44-122 | 2 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 5.209 | 52 | 4.709 | 47 | 80-120 | 10 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6258 | 6 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.276 | 93 | 8.609 | 86 | 28-120 | 7 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 10.20 | 102 | 9.501 | 95 | 80-120 | 7 | 0-20 | |
| Fluoranthene | ND | 10.00 | 9.770 | 98 | 9.303 | 93 | 80-120 | 5 | 0-20 | |
| Fluorene | ND | 10.00 | 9.467 | 95 | 9.105 | 91 | 12-186 | 4 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 9.238 | 92 | 8.934 | 89 | 80-120 | 3 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 8.521 | 85 | 8.219 | 82 | 80-120 | 4 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 5.610 | 56 | 5.273 | 53 | 80-120 | 6 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 10.08 | 101 | 9.140 | 91 | 80-120 | 10 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 13.40 | 134 | 12.68 | 127 | 80-120 | 6 | 0-20 | 3 |
| Isophorone | ND | 10.00 | 8.779 | 88 | 8.419 | 84 | 80-120 | 4 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.898 | 99 | 9.291 | 93 | 80-120 | 6 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 9.335 | 93 | 8.645 | 86 | 80-120 | 8 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 5.171 | 52 | 3.812 | 38 | 80-120 | 30 | 0-20 | 3,4 |
| 3/4-Methylphenol | ND | 20.00 | 7.077 | 35 | 5.362 | 27 | 80-120 | 28 | 0-20 | 3,4 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 11.03 | 110 | 10.10 | 101 | 38-140 | 9 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 9.748 | 97 | 8.922 | 89 | 80-120 | 9 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 10.00 | 12.14 | 121 | 11.42 | 114 | 80-120 | 6 | 0-20 | 3 |
| Naphthalene | ND | 10.00 | 9.391 | 94 | 8.819 | 88 | 20-140 | 6 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 8.748 | 87 | 8.220 | 82 | 80-120 | 6 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.489 | 95 | 8.868 | 89 | 80-120 | 7 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 8.512 | 85 | 7.908 | 79 | 80-120 | 7 | 0-20 | 3 |
| Nitrobenzene | ND | 10.00 | 7.942 | 79 | 7.644 | 76 | 80-120 | 4 | 0-20 | 3 |
| 4-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 14-128 | 0 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.1026 | 1 | 0.1196 | 1 | 10-124 | 15 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.885 | 99 | 9.286 | 93 | 80-120 | 6 | 0-20 | |
| Phenol | ND | 10.00 | 0.9337 | 9 | 0.6811 | 7 | 22-124 | 31 | 0-20 | 3,4 |
| Pyrene | ND | 10.00 | 9.732 | 97 | 9.379 | 94 | 31-169 | 4 | 0-20 | |
| Pyridine | ND | 10.00 | 12.41 | 124 | 11.19 | 112 | 80-120 | 10 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 9.188 | 92 | 8.905 | 89 | 56-120 | 3 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC1AB2** | **Sample** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 14:22** | **140802S01** |
| **AC1AB2** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 20:31** | **140802S01** |
| **AC1AB2** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/02/14** | **08/02/14 20:49** | **140802S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0.09259 | 1 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.377 | 94 | 8.763 | 88 | 34-148 | 7 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.486 | 95 | 8.739 | 87 | 53-120 | 8 | 0-20 | |
| Aniline | ND | 10.00 | 7.271 | 73 | 5.941 | 59 | 80-120 | 20 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 9.742 | 97 | 8.922 | 89 | 80-120 | 9 | 0-20 | |
| Azobenzene | ND | 10.00 | 9.448 | 94 | 8.691 | 87 | 80-120 | 8 | 0-20 | |
| Benzidine | ND | 10.00 | 14.58 | 146 | 11.62 | 116 | 80-120 | 23 | 0-20 | 3,4 |
| Benzo (a) Anthracene | ND | 10.00 | 9.843 | 98 | 8.971 | 90 | 80-120 | 9 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 10.96 | 110 | 10.09 | 101 | 80-120 | 8 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 10.41 | 104 | 9.458 | 95 | 80-120 | 10 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 12.31 | 123 | 11.31 | 113 | 80-120 | 8 | 0-20 | 3 |
| Benzo (k) Fluoranthene | ND | 10.00 | 9.794 | 98 | 9.129 | 91 | 80-120 | 7 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 4.098 | 41 | 0.8420 | 8 | 80-120 | 132 | 0-20 | 3,4 |
| Benzyl Alcohol | ND | 10.00 | 9.186 | 92 | 7.988 | 80 | 80-120 | 14 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 9.047 | 90 | 8.183 | 82 | 80-120 | 10 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 8.676 | 87 | 7.818 | 78 | 80-120 | 10 | 0-20 | 3 |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 8.524 | 85 | 7.543 | 75 | 80-120 | 12 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 9.121 | 91 | 8.336 | 83 | 80-120 | 9 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 9.110 | 91 | 8.412 | 84 | 80-120 | 8 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.299 | 93 | 8.397 | 84 | 15-189 | 10 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 5.040 | 50 | 2.224 | 22 | 32-120 | 78 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 10.00 | 7.496 | 75 | 6.476 | 65 | 80-120 | 15 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 9.436 | 94 | 8.725 | 87 | 80-120 | 8 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.8795 | 9 | 0.3564 | 4 | 53-120 | 85 | 0-20 | 3,4 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 8.758 | 88 | 8.091 | 81 | 80-120 | 8 | 0-20 | |
| Chrysene | ND | 10.00 | 9.471 | 95 | 8.657 | 87 | 80-120 | 9 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 8.913 | 89 | 8.204 | 82 | 80-120 | 8 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 9.516 | 95 | 8.692 | 87 | 80-120 | 9 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 12.23 | 122 | 11.27 | 113 | 80-120 | 8 | 0-20 | 3 |
| Dibenzofuran | ND | 10.00 | 9.436 | 94 | 8.699 | 87 | 80-120 | 8 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 8.840 | 88 | 7.804 | 78 | 80-120 | 12 | 0-20 | 3 |
| 1,3-Dichlorobenzene | ND | 10.00 | 8.955 | 90 | 7.999 | 80 | 80-120 | 11 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 8.859 | 89 | 7.936 | 79 | 43-120 | 11 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 8.094 | 81 | 7.270 | 73 | 80-120 | 11 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0.3024 | 3 | 0.04792 | 0 | 80-120 | 145 | 0-20 | 3,4 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 8.546 | 85 | 7.923 | 79 | 80-120 | 8 | 0-20 | 3 |
| Dimethyl Phthalate | ND | 10.00 | 8.067 | 81 | 7.399 | 74 | 44-122 | 9 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 6.325 | 63 | 4.378 | 44 | 80-120 | 36 | 0-20 | 3,4 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6174 | 6 | 0.6094 | 6 | 80-120 | 1 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.196 | 12 | 1.220 | 12 | 80-120 | 2 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.260 | 93 | 8.518 | 85 | 28-120 | 8 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 9.611 | 96 | 8.912 | 89 | 80-120 | 8 | 0-20 | |
| Fluoranthene | ND | 10.00 | 9.500 | 95 | 8.742 | 87 | 80-120 | 8 | 0-20 | |
| Fluorene | ND | 10.00 | 9.190 | 92 | 8.461 | 85 | 12-186 | 8 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 9.471 | 95 | 8.479 | 85 | 80-120 | 11 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 9.156 | 92 | 8.343 | 83 | 80-120 | 9 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 9.608 | 96 | 8.767 | 88 | 80-120 | 9 | 0-20 | |
| Hexachloroethane | ND | 10.00 | 8.836 | 88 | 7.894 | 79 | 80-120 | 11 | 0-20 | 3 |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 12.67 | 127 | 11.64 | 116 | 80-120 | 9 | 0-20 | 3 |
| Isophorone | ND | 10.00 | 8.895 | 89 | 8.070 | 81 | 80-120 | 10 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.380 | 94 | 8.608 | 86 | 80-120 | 9 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 8.761 | 88 | 7.985 | 80 | 80-120 | 9 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 6.924 | 69 | 4.167 | 42 | 80-120 | 50 | 0-20 | 3,4 |
| 3/4-Methylphenol | ND | 20.00 | 11.92 | 60 | 5.840 | 29 | 80-120 | 69 | 0-20 | 3,4 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 8.456 | 85 | 7.507 | 75 | 38-140 | 12 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 9.193 | 92 | 7.966 | 80 | 80-120 | 14 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 10.00 | 11.23 | 112 | 10.36 | 104 | 80-120 | 8 | 0-20 | |
| Naphthalene | ND | 10.00 | 9.184 | 92 | 8.325 | 83 | 20-140 | 10 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 9.757 | 98 | 8.839 | 88 | 80-120 | 10 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.375 | 94 | 8.505 | 85 | 80-120 | 10 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 9.845 | 98 | 9.120 | 91 | 80-120 | 8 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 9.379 | 94 | 8.501 | 85 | 80-120 | 10 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0.5628 | 6 | 0.5069 | 5 | 14-128 | 10 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0.08207 | 1 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.8360 | 8 | 0.9404 | 9 | 10-124 | 12 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.559 | 96 | 8.834 | 88 | 80-120 | 8 | 0-20 | |
| Phenol | ND | 10.00 | 4.427 | 44 | 2.385 | 24 | 22-124 | 60 | 0-20 | 4 |
| Pyrene | ND | 10.00 | 9.749 | 97 | 8.911 | 89 | 31-169 | 9 | 0-20 | |
| Pyridine | ND | 10.00 | 11.11 | 111 | 9.466 | 95 | 80-120 | 16 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 9.118 | 91 | 8.267 | 83 | 56-120 | 10 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0.04906 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0.08266 | 1 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AD1AC2** | **Sample** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 14:27** | **140726S003** |
| **AD1AC2** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 14:53** | **140726S003** |
| **AD1AC2** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/26/14 15:19** | **140726S003** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 70.28 | 141 | 64.15 | 128 | 70-130 | 9 | 0-20 | 3 |
| Benzene | ND | 50.00 | 46.08 | 92 | 46.30 | 93 | 61-127 | 0 | 0-20 | |
| Bromobenzene | ND | 50.00 | 44.94 | 90 | 45.28 | 91 | 70-130 | 1 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 50.32 | 101 | 47.27 | 95 | 70-130 | 6 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 41.76 | 84 | 40.00 | 80 | 70-130 | 4 | 0-20 | |
| Bromoform | ND | 50.00 | 41.75 | 84 | 40.88 | 82 | 70-130 | 2 | 0-20 | |
| Bromomethane | ND | 50.00 | 29.15 | 58 | 40.56 | 81 | 70-130 | 33 | 0-20 | 3,4 |
| 2-Butanone | ND | 50.00 | 62.80 | 126 | 59.58 | 119 | 70-130 | 5 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 44.17 | 88 | 44.87 | 90 | 77-123 | 2 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 44.97 | 90 | 45.12 | 90 | 70-130 | 0 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 41.53 | 83 | 41.63 | 83 | 70-130 | 0 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 38.22 | 76 | 36.51 | 73 | 70-130 | 5 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 42.43 | 85 | 42.88 | 86 | 51-135 | 1 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 46.02 | 92 | 45.70 | 91 | 57-123 | 1 | 0-20 | |
| Chloroethane | ND | 50.00 | 51.24 | 102 | 49.53 | 99 | 70-130 | 3 | 0-20 | |
| Chloroform | ND | 50.00 | 51.34 | 103 | 48.91 | 98 | 70-130 | 5 | 0-20 | |
| Chloromethane | ND | 50.00 | 38.05 | 76 | 38.09 | 76 | 70-130 | 0 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 44.72 | 89 | 45.43 | 91 | 70-130 | 2 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 45.44 | 91 | 45.55 | 91 | 70-130 | 0 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 42.14 | 84 | 40.37 | 81 | 70-130 | 4 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 28.16 | 56 | 23.40 | 47 | 70-130 | 18 | 0-20 | 3 |
| 1,2-Dibromoethane | ND | 50.00 | 48.95 | 98 | 48.33 | 97 | 64-124 | 1 | 0-20 | |
| Dibromomethane | ND | 50.00 | 51.71 | 103 | 50.70 | 101 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 44.59 | 89 | 44.83 | 90 | 35-131 | 1 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 44.59 | 89 | 44.93 | 90 | 70-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 44.40 | 89 | 44.60 | 89 | 70-130 | 0 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 45.60 | 91 | 44.13 | 88 | 70-130 | 3 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 48.51 | 97 | 46.62 | 93 | 70-130 | 4 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 51.61 | 103 | 50.94 | 102 | 70-130 | 1 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 63.78 | 128 | 66.10 | 132 | 47-143 | 4 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 49.92 | 100 | 47.53 | 95 | 70-130 | 5 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 49.94 | 100 | 48.44 | 97 | 70-130 | 3 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 47.55 | 95 | 47.44 | 95 | 79-115 | 0 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 49.59 | 99 | 49.31 | 99 | 70-130 | 1 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 43.26 | 87 | 42.88 | 86 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 50.46 | 101 | 49.17 | 98 | 70-130 | 3 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 45.20 | 90 | 44.94 | 90 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 44.83 | 90 | 44.21 | 88 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 46.36 | 93 | 46.63 | 93 | 57-129 | 1 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 57.87 | 116 | 56.33 | 113 | 70-130 | 3 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 46.32 | 93 | 46.59 | 93 | 70-130 | 1 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 43.52 | 87 | 44.24 | 88 | 70-130 | 2 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 47.36 | 95 | 46.61 | 93 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 53.18 | 106 | 53.32 | 107 | 70-130 | 0 | 0-20 | |
| Naphthalene | ND | 50.00 | 44.25 | 89 | 45.60 | 91 | 70-130 | 3 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 45.52 | 91 | 46.47 | 93 | 70-130 | 2 | 0-20 | |
| Styrene | ND | 50.00 | 45.19 | 90 | 45.87 | 92 | 70-130 | 1 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 39.44 | 79 | 38.53 | 77 | 70-130 | 2 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 1.251 | 3 | 1.222 | 2 | 70-130 | 2 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 65.65 | 131 | 65.32 | 131 | 70-130 | 1 | 0-20 | 3 |
| Toluene | ND | 50.00 | 47.35 | 95 | 47.82 | 96 | 63-123 | 1 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 38.44 | 77 | 40.08 | 80 | 70-130 | 4 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 39.33 | 79 | 40.65 | 81 | 70-130 | 3 | 0-20 | |
| 1,1,1-Trichloroethane | ND | 50.00 | 46.22 | 92 | 45.52 | 91 | 70-130 | 2 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 33.66 | 67 | 28.45 | 57 | 70-130 | 17 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 49.11 | 98 | 47.13 | 94 | 70-130 | 4 | 0-20 | |
| Trichloroethene | ND | 50.00 | 86.15 | 172 | 86.41 | 173 | 44-158 | 0 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 44.85 | 90 | 43.30 | 87 | 70-130 | 4 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 44.14 | 88 | 44.85 | 90 | 70-130 | 2 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 55.21 | 110 | 53.07 | 106 | 70-130 | 4 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 43.19 | 86 | 44.61 | 89 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.7192 | 1 | 1.442 | 3 | 70-130 | 67 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 51.94 | 104 | 49.79 | 100 | 49-139 | 4 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 89.99 | 90 | 91.61 | 92 | 70-130 | 2 | 0-20 | |
| o-Xylene | ND | 50.00 | 45.30 | 91 | 46.00 | 92 | 70-130 | 2 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 47.93 | 96 | 46.17 | 92 | 57-123 | 4 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **E20F21** | **Sample** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 01:40** | **140726S007** |
| **E20F21** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 02:05** | **140726S007** |
| **E20F21** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 02:31** | **140726S007** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 71.23 | 142 | 72.98 | 146 | 70-130 | 2 | 0-20 | 3 |
| Benzene | ND | 50.00 | 40.57 | 81 | 40.99 | 82 | 61-127 | 1 | 0-20 | |
| Bromobenzene | ND | 50.00 | 27.10 | 54 | 27.50 | 55 | 70-130 | 1 | 0-20 | 3 |
| Bromochloromethane | ND | 50.00 | 43.45 | 87 | 43.73 | 87 | 70-130 | 1 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 14.88 | 30 | 15.13 | 30 | 70-130 | 2 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 23.28 | 47 | 24.58 | 49 | 70-130 | 5 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 43.17 | 86 | 46.13 | 92 | 70-130 | 7 | 0-20 | |
| 2-Butanone | ND | 50.00 | 52.73 | 105 | 52.61 | 105 | 70-130 | 0 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 13.89 | 28 | 12.48 | 25 | 77-123 | 11 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 17.09 | 34 | 15.51 | 31 | 70-130 | 10 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 18.06 | 36 | 16.60 | 33 | 70-130 | 8 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 23.68 | 47 | 22.88 | 46 | 70-130 | 3 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 32.15 | 64 | 32.79 | 66 | 51-135 | 2 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 32.11 | 64 | 32.26 | 65 | 57-123 | 0 | 0-20 | |
| Chloroethane | ND | 50.00 | 49.13 | 98 | 51.48 | 103 | 70-130 | 5 | 0-20 | |
| Chloroform | ND | 50.00 | 43.26 | 87 | 43.93 | 88 | 70-130 | 2 | 0-20 | |
| Chloromethane | ND | 50.00 | 38.61 | 77 | 40.74 | 81 | 70-130 | 5 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 24.71 | 49 | 23.84 | 48 | 70-130 | 4 | 0-20 | 3 |
| 4-Chlorotoluene | ND | 50.00 | 25.33 | 51 | 25.09 | 50 | 70-130 | 1 | 0-20 | 3 |
| Dibromochloromethane | ND | 50.00 | 17.03 | 34 | 18.03 | 36 | 70-130 | 6 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 0.2844 | 1 | 0.08780 | 0 | 70-130 | 106 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 37.21 | 74 | 38.14 | 76 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 42.65 | 85 | 44.08 | 88 | 70-130 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 22.78 | 46 | 23.37 | 47 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 21.81 | 44 | 21.82 | 44 | 70-130 | 0 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 50.00 | 21.90 | 44 | 22.20 | 44 | 70-130 | 1 | 0-20 | 3 |
| Dichlorodifluoromethane | ND | 50.00 | 38.04 | 76 | 38.98 | 78 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 43.63 | 87 | 44.36 | 89 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 44.63 | 89 | 45.75 | 92 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 77.70 | 155 | 78.94 | 158 | 47-143 | 2 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 43.05 | 86 | 43.96 | 88 | 70-130 | 2 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 43.61 | 87 | 44.11 | 88 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 41.17 | 82 | 41.62 | 83 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 41.36 | 83 | 42.23 | 84 | 70-130 | 2 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 32.15 | 64 | 33.05 | 66 | 70-130 | 3 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 39.86 | 80 | 39.50 | 79 | 70-130 | 1 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 31.29 | 63 | 33.28 | 67 | 70-130 | 6 | 0-20 | 3 |
| t-1,3-Dichloropropene | ND | 50.00 | 31.24 | 62 | 32.67 | 65 | 70-130 | 4 | 0-20 | 3 |
| Ethylbenzene | ND | 50.00 | 30.28 | 61 | 29.70 | 59 | 57-129 | 2 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 49.38 | 99 | 50.35 | 101 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 24.82 | 50 | 23.44 | 47 | 70-130 | 6 | 0-20 | 3 |
| p-Isopropyltoluene | ND | 50.00 | 16.11 | 32 | 14.48 | 29 | 70-130 | 11 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 43.84 | 88 | 44.69 | 89 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 43.33 | 87 | 43.95 | 88 | 70-130 | 1 | 0-20 | |
| Naphthalene | ND | 50.00 | 18.35 | 37 | 19.61 | 39 | 70-130 | 7 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 22.53 | 45 | 20.85 | 42 | 70-130 | 8 | 0-20 | 3 |
| Styrene | ND | 50.00 | 29.22 | 58 | 29.37 | 59 | 70-130 | 1 | 0-20 | 3 |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 19.19 | 38 | 19.88 | 40 | 70-130 | 4 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.6967 | 1 | 0.7871 | 2 | 70-130 | 12 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 39.37 | 79 | 37.72 | 75 | 70-130 | 4 | 0-20 | |
| Toluene | ND | 50.00 | 36.41 | 73 | 36.42 | 73 | 63-123 | 0 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 10.37 | 21 | 10.67 | 21 | 70-130 | 3 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 10.37 | 21 | 10.50 | 21 | 70-130 | 1 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 37.38 | 75 | 38.48 | 77 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 0.8715 | 2 | 0.7663 | 2 | 70-130 | 13 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 33.49 | 67 | 32.54 | 65 | 70-130 | 3 | 0-20 | 3 |
| Trichloroethene | ND | 50.00 | 73.75 | 148 | 74.81 | 150 | 44-158 | 1 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 23.40 | 47 | 25.00 | 50 | 70-130 | 7 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 29.67 | 59 | 28.20 | 56 | 70-130 | 5 | 0-20 | 3 |
| Trichlorofluoromethane | ND | 50.00 | 45.63 | 91 | 47.42 | 95 | 70-130 | 4 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 20.54 | 41 | 18.87 | 38 | 70-130 | 8 | 0-20 | 3 |
| Vinyl Acetate | ND | 50.00 | 1.532 | 3 | 0.1373 | 0 | 70-130 | 167 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 49.93 | 100 | 50.24 | 100 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 57.86 | 58 | 56.26 | 56 | 70-130 | 3 | 0-20 | 3 |
| o-Xylene | ND | 50.00 | 28.59 | 57 | 28.16 | 56 | 70-130 | 2 | 0-20 | 3 |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 41.78 | 84 | 42.82 | 86 | 57-123 | 2 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-0678-6** | **Sample** | **Solid** | **ICP 7300** | **07/28/14 00:00** | **07/29/14 17:47** | **140728S01** |
| **14-07-0678-6** | **PDS** | **Solid** | **ICP 7300** | **07/28/14 00:00** | **07/29/14 17:50** | **140728S01** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 24.95 | 100 | 75-125 | |
| Arsenic | ND | 25.00 | 26.63 | 107 | 75-125 | |
| Barium | 82.51 | 25.00 | 107.6 | 101 | 75-125 | |
| Beryllium | 0.5801 | 25.00 | 27.93 | 109 | 75-125 | |
| Cadmium | ND | 25.00 | 26.24 | 105 | 75-125 | |
| Chromium | 7.124 | 25.00 | 34.31 | 109 | 75-125 | |
| Cobalt | 2.832 | 25.00 | 30.44 | 110 | 75-125 | |
| Copper | 3.646 | 25.00 | 30.31 | 107 | 75-125 | |
| Lead | 2.933 | 25.00 | 29.38 | 106 | 75-125 | |
| Molybdenum | ND | 25.00 | 26.81 | 107 | 75-125 | |
| Nickel | 3.697 | 25.00 | 30.27 | 106 | 75-125 | |
| Selenium | ND | 25.00 | 24.48 | 98 | 75-125 | |
| Silver | ND | 12.50 | 12.63 | 101 | 75-125 | |
| Thallium | ND | 25.00 | 25.42 | 102 | 75-125 | |
| Vanadium | 15.94 | 25.00 | 42.54 | 106 | 75-125 | |
| Zinc | 17.86 | 25.00 | 43.51 | 103 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A15C16** | **Sample** | **Concrete** | **ICP 7300** | **07/28/14 00:00** | **07/29/14 17:35** | **140728S06** |
| **A15C16** | **PDS** | **Concrete** | **ICP 7300** | **07/28/14 00:00** | **07/29/14 17:44** | **140728S06** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 22.84 | 91 | 75-125 | |
| Arsenic | 1.281 | 25.00 | 28.49 | 109 | 75-125 | |
| Barium | 99.35 | 25.00 | 123.8 | 98 | 75-125 | |
| Beryllium | ND | 25.00 | 27.79 | 111 | 75-125 | |
| Cadmium | ND | 25.00 | 24.88 | 100 | 75-125 | |
| Chromium | 10.41 | 25.00 | 36.72 | 105 | 75-125 | |
| Cobalt | 4.564 | 25.00 | 30.95 | 106 | 75-125 | |
| Copper | 7.794 | 25.00 | 33.59 | 103 | 75-125 | |
| Lead | ND | 25.00 | 25.83 | 103 | 75-125 | |
| Molybdenum | ND | 25.00 | 26.32 | 105 | 75-125 | |
| Nickel | 4.964 | 25.00 | 29.85 | 100 | 75-125 | |
| Selenium | ND | 25.00 | 25.37 | 101 | 75-125 | |
| Silver | 0.2714 | 12.50 | 13.67 | 107 | 75-125 | |
| Thallium | ND | 25.00 | 22.61 | 90 | 75-125 | |
| Vanadium | 17.28 | 25.00 | 43.94 | 107 | 75-125 | |
| Zinc | 22.15 | 25.00 | 45.25 | 92 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **G21H22** | **Sample** | **Concrete** | **Mercury 04** | **07/29/14 00:00** | **07/29/14 20:39** | **140729S07** |
| **G21H22** | **PDS** | **Concrete** | **Mercury 04** | **07/29/14 00:00** | **07/29/14 20:46** | **140729S07** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.7438 | 89 | 75-125 | |

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A15C16** | **Sample** | **Concrete** | **Mercury 05** | **07/29/14 00:00** | **07/29/14 19:32** | **140729S06** |
| **A15C16** | **PDS** | **Concrete** | **Mercury 05** | **07/29/14 00:00** | **07/29/14 19:39** | **140729S06** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.8366 | 100 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2688** | **LCS** | **Solid** | **IC 11** | **07/29/14** | **07/29/14 21:24** | **140729L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20630 | 103 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2689** | **LCS** | **Solid** | **IC 11** | **07/29/14** | **07/30/14 13:56** | **140729L02P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19530 | 98 | 80-120 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1052** | **LCS** | **Solid** | **GC 45** | **07/28/14** | **07/28/14 13:09** | **140728B01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 403.4 | 101 | 75-123 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1050** | **LCS** | **Solid** | **GC 46** | **07/28/14** | **07/29/14 02:02** | **140728B02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 377.5 | 94 | 75-123 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18664** | **LCS** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:29** | **140728L01A** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 25.30 | 101 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 24.77 | 99 | 80-120 | 73-127 | |
| Barium | 25.00 | 26.34 | 105 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 24.75 | 99 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 25.59 | 102 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.16 | 105 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 27.72 | 111 | 80-120 | 73-127 | |
| Copper | 25.00 | 24.71 | 99 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.06 | 104 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.84 | 103 | 80-120 | 73-127 | |
| Nickel | 25.00 | 26.63 | 107 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.26 | 93 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.36 | 107 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.40 | 106 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 25.33 | 101 | 80-120 | 73-127 | |
| Zinc | 25.00 | 24.52 | 98 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18663** | **LCS** | **Solid** | **ICP 7300** | **07/28/14** | **07/29/14 17:32** | **140728L06** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 25.67 | 103 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 25.11 | 100 | 80-120 | 73-127 | |
| Barium | 25.00 | 26.57 | 106 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.50 | 102 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.43 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.93 | 108 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 27.98 | 112 | 80-120 | 73-127 | |
| Copper | 25.00 | 25.45 | 102 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.29 | 105 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 26.21 | 105 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.56 | 110 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.53 | 94 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.32 | 107 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.59 | 106 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.10 | 104 | 80-120 | 73-127 | |
| Zinc | 25.00 | 25.10 | 100 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-18** | **LCS** | **Solid** | **Mercury 04** | **07/29/14** | **07/29/14 20:33** | **140729L07D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8367 | 100 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-19** | **LCS** | **Solid** | **Mercury 05** | **07/29/14** | **07/29/14 19:30** | **140729L06D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.7489 | 90 | 80-120 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2768** | **LCS** | **Solid** | **GC 31** | **07/29/14** | **07/30/14 10:51** | **140729L12** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 79.41 | 79 | 50-135 | |
| Aroclor-1260 | 100.0 | 84.66 | 85 | 50-135 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2773** | **LCS** | **Solid** | **GC 58** | **08/29/14** | **07/31/14 11:23** | **140729L15** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 105.6 | 106 | 50-135 | |
| Aroclor-1260 | 100.0 | 103.1 | 103 | 50-135 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 11 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-7** | **LCS** | **Solid** | **GC/MS TT** | **08/02/14** | **08/04/14 12:26** | **140802L02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.220 | 82 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 8.097 | 81 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.066 | 81 | 52-120 | 41-131 | |
| Aniline | 10.00 | 8.012 | 80 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 7.563 | 76 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 8.394 | 84 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 11.98 | 120 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 8.002 | 80 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 9.187 | 92 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 8.684 | 87 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 9.444 | 94 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 8.036 | 80 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 4.106 | 41 | 50-130 | 37-143 | ME |
| Benzyl Alcohol | 10.00 | 9.008 | 90 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 8.292 | 83 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 8.244 | 82 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 8.375 | 84 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 8.354 | 84 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 7.706 | 77 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 8.140 | 81 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 8.915 | 89 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 7.831 | 78 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 7.819 | 78 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 8.687 | 87 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.024 | 80 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 8.023 | 80 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 8.447 | 84 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 8.828 | 88 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 9.666 | 97 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 8.257 | 83 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 8.044 | 80 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 8.015 | 80 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 8.021 | 80 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 7.963 | 80 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.505 | 85 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 8.921 | 89 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 8.269 | 83 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 8.469 | 85 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 18 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 8.666 | 87 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 8.170 | 82 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 9.131 | 91 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 9.066 | 91 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 8.511 | 85 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 7.975 | 80 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 7.969 | 80 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 7.568 | 76 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 6.127 | 61 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.018 | 80 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 9.952 | 100 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 8.473 | 85 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 8.457 | 85 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 8.078 | 81 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 8.884 | 89 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 17.02 | 85 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 8.687 | 87 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 8.323 | 83 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 8.861 | 89 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 7.831 | 78 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 9.530 | 95 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 8.602 | 86 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 8.711 | 87 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.007 | 80 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 8.653 | 87 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.359 | 84 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 7.674 | 77 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 8.028 | 80 | 54-120 | 43-131 | |
| Phenol | 10.00 | 8.749 | 87 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 7.780 | 78 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 9.877 | 99 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 7.830 | 78 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.009 | 80 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 8.093 | 81 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 13 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-8** | **LCS** | **Solid** | **GC/MS CCC** | **08/02/14** | **08/04/14 11:33** | **140802L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.281 | 83 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 8.095 | 81 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 7.926 | 79 | 52-120 | 41-131 | |
| Aniline | 10.00 | 8.027 | 80 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 7.769 | 78 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 7.967 | 80 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 12.39 | 124 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 8.431 | 84 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 7.644 | 76 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 7.704 | 77 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 8.600 | 86 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 7.095 | 71 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 11.56 | 116 | 50-130 | 37-143 | |
| Benzyl Alcohol | 10.00 | 8.546 | 85 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 8.070 | 81 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 7.914 | 79 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 7.684 | 77 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 8.952 | 90 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.027 | 80 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.039 | 90 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 8.340 | 83 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 7.590 | 76 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 7.991 | 80 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 8.537 | 85 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 7.629 | 76 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 8.001 | 80 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 7.915 | 79 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 8.592 | 86 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 8.825 | 88 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 8.122 | 81 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 7.933 | 79 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 8.156 | 82 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 7.966 | 80 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 7.852 | 79 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.498 | 85 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 8.142 | 81 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 7.876 | 79 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 8.644 | 86 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 14 of 18 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 8.803 | 88 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 8.327 | 83 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 8.552 | 86 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 8.403 | 84 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 7.658 | 77 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 7.756 | 78 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 8.481 | 85 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 7.780 | 78 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 9.608 | 96 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.131 | 81 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 9.129 | 91 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 8.251 | 83 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 8.275 | 83 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 7.726 | 77 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 8.498 | 85 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 16.14 | 81 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 7.949 | 79 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 8.056 | 81 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 9.555 | 96 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 7.880 | 79 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 8.344 | 83 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 8.207 | 82 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 8.559 | 86 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.043 | 80 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.179 | 92 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.561 | 86 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 8.230 | 82 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 8.028 | 80 | 54-120 | 43-131 | |
| Phenol | 10.00 | 8.379 | 84 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.279 | 93 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 9.713 | 97 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 7.989 | 80 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.436 | 84 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 8.527 | 85 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/23/14
Work Order: 14-07-1603
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-338** | **LCS** | **Solid** | **GC/MS Q** | **07/26/14** | **07/26/14 12:39** | **140726L007** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 53.23 | 106 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.47 | 99 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 48.88 | 98 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.42 | 103 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 49.12 | 98 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 43.47 | 87 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 49.68 | 99 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 54.80 | 110 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 50.77 | 102 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.91 | 100 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 49.34 | 99 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.53 | 89 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 45.40 | 91 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 49.49 | 99 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 53.53 | 107 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 52.62 | 105 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 41.90 | 84 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 49.48 | 99 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 50.48 | 101 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 47.22 | 94 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 42.26 | 85 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 49.29 | 99 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.20 | 102 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.47 | 99 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 49.43 | 99 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.43 | 99 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 47.09 | 94 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 49.82 | 100 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 51.68 | 103 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 50.79 | 102 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 50.44 | 101 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 52.27 | 105 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.62 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.70 | 101 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 45.74 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 52.25 | 104 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 48.50 | 97 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 46.51 | 93 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 16 of 18 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 50.32 | 101 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 52.14 | 104 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.65 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 49.61 | 99 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.51 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.08 | 100 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 46.41 | 93 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 50.38 | 101 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.67 | 99 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 44.98 | 90 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 47.37 | 95 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 55.40 | 111 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.02 | 102 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 44.30 | 89 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 46.28 | 93 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 48.06 | 96 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.54 | 103 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.56 | 97 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 52.84 | 106 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 42.60 | 85 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 50.01 | 100 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 56.11 | 112 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 48.98 | 98 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 44.14 | 88 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 52.96 | 106 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.37 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.38 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 47.28 | 95 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 17 of 18 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-340** | **LCS** | **Solid** | **GC/MS Q** | **07/26/14** | **07/26/14 23:56** | **140726L015** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 49.31 | 99 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.60 | 99 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 47.58 | 95 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 50.22 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 49.78 | 100 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 44.06 | 88 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 50.86 | 102 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 52.98 | 106 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 49.05 | 98 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 48.99 | 98 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 46.23 | 92 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.23 | 88 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 46.38 | 93 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 49.37 | 99 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 54.44 | 109 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 53.62 | 107 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 43.68 | 87 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 49.20 | 98 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 48.32 | 97 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 43.25 | 87 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 48.43 | 97 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.62 | 103 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 47.49 | 95 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 47.25 | 95 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 47.04 | 94 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 45.63 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 50.54 | 101 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 53.08 | 106 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 50.76 | 102 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 51.02 | 102 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 50.61 | 101 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.38 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.95 | 102 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 41.33 | 83 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 52.42 | 105 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 47.21 | 94 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 44.92 | 90 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/23/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1603 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 18 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 50.04 | 100 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.37 | 103 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 49.73 | 99 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 48.04 | 96 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.02 | 102 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 47.14 | 94 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.15 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.86 | 100 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 45.60 | 91 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 45.99 | 92 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 60.00 | 120 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.15 | 102 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 41.45 | 83 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 41.86 | 84 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 48.12 | 96 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.95 | 104 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.80 | 98 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 53.24 | 106 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 43.52 | 87 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 48.38 | 97 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 57.41 | 115 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 48.24 | 96 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 37.68 | 75 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 54.65 | 109 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.08 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.55 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.46 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 14-07-1603 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 606 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 04 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 682 | GC 45 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 46 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 31 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 58 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 449 | GC/MS SS | 1 |
| EPA 8270C | EPA 3545 | 513 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-07-1603 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **14-07-1603**

Date 7.22.14

Page 1 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Camesa Park

P.O. NO.: 32554-506

PROJECT CONTACT: Tom Tetma11

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

COC Edited by Scott Boston on 07/24/2014 @ 3:40 pm

**REQUESTED ANALYSES**

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015m | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6 of 7199 | Metals (Comp 17) 6010/7000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A01AC2 | 7.22.14 | 0742 | core core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X |
| 2 | AC1AB2 | | 0750 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 3 | AA1A2 | | 0800 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 4 | A9C10 | | 0810 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 5 | AA13A14 | | 0820 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 6 | A15C16 | | 0900 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 7 | A17C18 | | 0940 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 8 | A18C19 | | 0955 | | | | | | | | | | | | | | | | | SAB | | | | | |
| 9 | A20C21 | | 1000 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | AA22A23 | | 1005 | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/23/14 | Time: 1130 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/23/14 | Time: 18:15 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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P.O. NO.: 32594-506

PROJECT CONTACT: Tom Tatnall

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | ~~C20D20~~ XC20D21 SA | 7.22.14 | 1057 | Core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X |
| 12 | C19 D20 | | 1103 | | | | | | | | | | | | | | | | | | | | | |
| 13 | D18 E19 | | 1110 | | | | | | | | | | | | | | | | | | | | | |
| 14 | E25 F26 | | 1130 | | | | | | | | | | | | | | | | | | | | | |
| 15 | E24 F25 | | 1135 | | | | | | | | | | | | | | | | | | | | | |
| 16 | F24 G25 | | 1142 | | | | | | | | | | | | | | | | | | | | | |
| 17 | F25 G26 | | 1148 | | | | | | | | | | | | | | | | | | | | | |
| 18 | E26 F29 | | 1155 | | | | | | | | | | | | | | | | | | | | | |
| 19 | D24 E25 | | 1215 | | | | | | | | | | | | | | | | | | | | | |
| 20 | C24 D25 | | 1220 | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ELT | Date: 7/23/14 | Time: 1130 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 7/23/14 | Time: 18:15 |
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P.O. NO.: 32594-506

PROJECT CONTACT: Tom Tetnall

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A01AC2 | 7.22.14 | 0742 | concore | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 2 | AC1AB2 | | 0750 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | AA1A2 | | 0800 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | A9C10 | | 0810 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | AA13A14 | | 0820 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | A15C16 | | 0900 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | A17C18 | | 0940 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | A18C19 | | 0955 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | A20C21 | | 1000 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | AA22A23 | | 1005 | | | | | | | | | | | | | | | | | | | | | | | |

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| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/23/14 | Time: 1130 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) Danny L ECI | Date: 7/23/14 | Time: 18:15 |
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | C20 D1 | 7.22.14 | 1057 | Core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | |
| 12 | C19 D20 | | 1103 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | D18 E19 | | 1110 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | E25 F26 | | 1130 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | E24 F25 | | 1135 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | F24 G25 | | 1142 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | F25 G26 | | 1148 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | E26 F29 | | 1155 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | D24 E25 | | 1215 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | C24 D25 | | 1220 | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 7/23/14 | Time: 11:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ELT / GLT | Date: 7/23/14 | Time: 18:15 |
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P.O. NO.: 325594-506

PROJECT CONTACT: Tom Tatnall

SAMPLER(S): (PRINT) M. Simpson

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | E20 F21 | 7.22.14 | 1240 | Canc Core | 1 | X | | | | | | X | | X | | | X | | X | | | | | | | |
| 22 | E18 F19 | ↓ | 1250 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | | | | |
| 23 | F26 G29 | | 1300 | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | G26 H29 | | 1305 | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | G25 H26 | | 1315 | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | G23 H24 | | 1324 | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | G21 H22 | ↓ | 1335 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
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WORK ORDER #: 14-07-1603

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley & ALRich

DATE: 07/23/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Checked by: SCV

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: SCV

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: SCV

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☐ | ☑ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑2_____

**Aqueous:** ☐VOA ☐VOAh ☐VOA$na_2$ ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB$na_2$ ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJ$na_2$ ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: SCV

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: TTG

Preservative: h: HCL n: $HNO_3$ $na_2$:$Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered Scanned by: TTG



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WORK ORDER #: 14-07-1603

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample label(s) do not match COC** – Note in comments
  - ☑ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

**Comments:**

(-11) labeled as C20 D21

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Comments: _____

*Transferred at Client's request.

Initial / Date: AR 07/23/14



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# WORK ORDER NUMBER: 14-07-1690

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park / 32594-506

**Attention:** Tom Tatnall
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/11/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 14-07-1690


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**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/24/14. They were assigned to Work Order 14-07-1690.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1690 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/24/14 18:10 |
| | | Number of Containers: | 21 |
| Attn: | Tom Tatnall | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| F18G19 | 14-07-1690-1 | 07/24/14 08:00 | 1 | Concrete |
| G18H19 | 14-07-1690-2 | 07/24/14 09:20 | 1 | Concrete |
| G20H21 | 14-07-1690-3 | 07/24/14 09:50 | 1 | Concrete |
| G19H20 | 14-07-1690-4 | 07/24/14 10:10 | 1 | Concrete |
| F20G21 | 14-07-1690-5 | 07/24/14 10:14 | 1 | Concrete |
| F21G22 | 14-07-1690-6 | 07/24/14 10:20 | 1 | Concrete |
| E16F17 | 14-07-1690-7 | 07/24/14 10:30 | 1 | Concrete |
| E17F18 | 14-07-1690-8 | 07/24/14 10:50 | 1 | Concrete |
| E15F16 | 14-07-1690-9 | 07/24/14 11:00 | 1 | Concrete |
| F15G16 | 14-07-1690-10 | 07/24/14 11:10 | 1 | Concrete |
| E13F14 | 14-07-1690-11 | 07/24/14 11:20 | 1 | Concrete |
| D15E16 | 14-07-1690-12 | 07/24/14 11:30 | 1 | Concrete |
| D13E14 | 14-07-1690-13 | 07/24/14 11:50 | 1 | Concrete |
| D12E13 | 14-07-1690-14 | 07/24/14 12:00 | 1 | Concrete |
| E12F13 | 14-07-1690-15 | 07/24/14 12:15 | 1 | Concrete |
| C10D11 | 14-07-1690-16 | 07/24/14 12:25 | 1 | Concrete |
| C12D13 | 14-07-1690-17 | 07/24/14 12:40 | 1 | Concrete |
| C13D14 | 14-07-1690-18 | 07/24/14 13:00 | 1 | Concrete |
| C14D15 | 14-07-1690-19 | 07/24/14 13:10 | 1 | Concrete |
| C16D17 | 14-07-1690-20 | 07/24/14 13:25 | 1 | Concrete |
| C18D19 | 14-07-1690-21 | 07/24/14 13:55 | 1 | Concrete |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F18G19 (14-07-1690-1) | | | | | | |
| Arsenic | 0.928 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 100 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.250 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.2 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.60 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 10.7 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.31 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.213 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.23 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.144 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.8 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 25.5 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0362 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 7.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 44 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 74 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 60 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 26 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 4.8 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 10 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14

Attn: Tom Tatnall



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G18H19 (14-07-1690-2) | | | | | | |
| Arsenic | 0.402 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 108 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.262 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.19 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.50 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.4 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.4 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.367 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.86 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.241 | J | 0.0870* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 49.7 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 620 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0204 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C15-C16 | 3.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 82 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 190 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 280 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 71 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 24 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1200 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 25 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 95 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 29 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.21 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.2 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.60 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.14 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G20H21 (14-07-1690-3) | | | | | | |
| Arsenic | 6.19 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 124 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.262 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.5 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.97 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.54 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.27 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.249 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 13.6 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.182 | J | 0.0870* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 30.5 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 32.5 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 5000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0178 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C8 | 3.5 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.1 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.0 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 6.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 6.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 18 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 61 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 60 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.87 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.85 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.72 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 320 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 180 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G19H20 (14-07-1690-4) | | | | | | |
| Arsenic | 0.378 | J | 0.259* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 84.0 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.220 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.06 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.91 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.7 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.45 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.290 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.61 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.238 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.8 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.8 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 750 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0311 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 4.3 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 37 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 67 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 190 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 210 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 55 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 820 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 40 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 120 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 160 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 51 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.38 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.3 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.2 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.1 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.7 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 7.4 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 3.9 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F20G21 (14-07-1690-5) | | | | | | |
| Barium | 91.1 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.243 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.98 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.84 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 18.3 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.07 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.301 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.42 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.187 | J | 0.0861* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.0 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 40.3 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 180 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0205 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C11-C12 | 11 | J | 8.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 34 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 30 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 140 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 420 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 560 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 790 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 820 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 420 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 150 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 52 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 4500 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 180 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 41 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.47 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.6 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.77 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.8 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.5 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F21G22 (14-07-1690-6) | | | | | | |
| Arsenic | 0.926 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 118 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.266 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.72 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.97 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.5 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.8 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.498 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.59 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.207 | J | 0.0875* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.0 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.8 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0462 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 7.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 39 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 83 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 220 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 85 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 47 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 290 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 290 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 25 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.92 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.2 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 5.5 | J | 0.83* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.69 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 3.4 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 5.1 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.7 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 0.19 | J | 0.13* | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E16F17 (14-07-1690-7) | | | | | | |
| Barium | 103 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.236 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.34 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.50 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.8 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.468 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.28 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.229 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.6 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.3 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 170 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0441 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 5.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 53 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 70 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 56 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 31 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 460 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 50 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 210 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 220 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 44 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.14 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.39 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Carbon Disulfide | 0.50 | J | 0.30* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.73 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 3.5 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 2.1 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 3.2 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.5 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.39 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.18 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.13 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

* MDL is shown

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Phenol | 0.20 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E17F18 (14-07-1690-8) | | | | | | |
| Arsenic | 1.84 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 252 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 1.78 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 1.46 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.31 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.08 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.5 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.7 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 1.94 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.39 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.961 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 2.46 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.8 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.4 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 510 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0409 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 42 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 85 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 32 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 180 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 290 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 290 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 430 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 600 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 500 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 18 | J | 7.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 2600 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 150 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 1200 | | 250 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 61 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.15 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.8 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 18 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 0.73 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 2.9 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.1 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 3.0 | J | 0.64* | ug/kg | EPA 8260B | EPA 5030C |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14

Attn: Tom Tatnall



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 120 | | 51 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 1.1 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 42 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 74 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 4.8 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 12 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 4.1 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 12 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.64 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 1-Methylnaphthalene | 0.14 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 5.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Pyrene | 0.10 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |

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3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E15F16 (14-07-1690-9) | | | | | | |
| Arsenic | 0.304 | J | 0.269* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 264 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.295 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.96 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.51 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.9 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.9 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.549 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.06 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.222 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.483 | J | 0.157* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.7 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 57.3 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 930 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0132 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.5 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 72 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 85 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 8.5 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 76 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 140 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 170 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 180 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 210 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 220 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 130 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 66 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 21 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1400 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 430 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 180 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 64 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.21 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.0 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 32 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 19 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Isopropylbenzene | 1.1 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 7.3 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 170 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.9 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 38 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 34 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 4.2 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 80 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 28 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 52 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.49 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 6.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F15G16 (14-07-1690-10) | | | | | | |
| Arsenic | 0.648 | J | 0.264* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 282 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.243 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.18 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.35 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 22.5 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.98 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.313 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.76 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.128 | J | 0.0875* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.2 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.8 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0644 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.8 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 88 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 43 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 140 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 180 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 170 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 86 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1300 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 97 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 230 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 190 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 64 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.17 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 37 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.6 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 21 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.97 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | 8.1 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 180 | | 51 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.2 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.48 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 54 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 31 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 3.6 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 83 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 27 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 34 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.33 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 10 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E13F14 (14-07-1690-11) | | | | | | |
| Arsenic | 0.286 | J | 0.266* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 200 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.221 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.22 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.86 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.7 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.27 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.248 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.37 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.225 | J | 0.0879* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.5 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 56.2 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 650 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0167 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 79 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 77 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 68 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 89 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 140 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 330 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 470 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 810 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 460 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 120 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 48 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 2700 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 63 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 89 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 57 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 49 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.15 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 16 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 0.76 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 12 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 4.0 | J | 0.64* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 92 | | 51 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 1.7 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.32 | J | 0.21* | ug/kg | EPA 8260B | EPA 5030C |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Toluene | 16 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 17 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 2.0 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 51 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 21 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 40 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 1.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 4-Chloro-3-Methylphenol | 1.8 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.41 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 6.2 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D15E16 (14-07-1690-12) | | | | | | |
| Arsenic | 0.841 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 125 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.223 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.75 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.84 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 37.6 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.57 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.84 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.210 | J | 0.0875* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.8 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.8 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0184 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.6 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C8 | 5.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 22 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 8.9 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 1.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.3 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 320 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 150 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 13 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 17 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 12 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 550 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 25 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 34 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.20 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 1.0 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.6 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 6.0 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.88 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 4.1 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 0.65 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 7.2 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.4 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 17 | J | 7.7* | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 420 | | 25 | mg/kg | EPA 8270C | EPA 3545 |

* MDL is shown

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Di-n-Butyl Phthalate | 1.0 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 2.0 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D13E14 (14-07-1690-13) | | | | | | |
| Arsenic | 5.07 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 76.5 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.194 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.194 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.89 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.27 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.3 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.46 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.681 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.43 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.390 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.4 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 24.3 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0136 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.1 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C8 | 2.9 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 17 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 6.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 1.9 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 200 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 75 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 41 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 5.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.0 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 350 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 31 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 100 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.87 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 10 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 1.1 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Chloroform | 3.1 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.1 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.9 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.37 | J | 0.21* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 2.0 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 4.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 4.3 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |

* MDL is shown

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| o-Xylene | 1.2 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 16 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 200 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.92 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D12E13 (14-07-1690-14) | | | | | | |
| Arsenic | 0.985 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 75.3 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.223 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.75 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.73 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.4 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.90 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.305 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.32 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.286 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.2 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.8 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00968 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.6 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 2.4 | J | 2.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C8 | 4.1 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 17 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 6.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3.1 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 390 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 74 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 7.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 2.0 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 660 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 39 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 86 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 2.4 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 12 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.59 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Chloroform | 4.5 | J | 0.24* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.38 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 0.90 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.86 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 4.5 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |

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3187 Red Hill Avenue, Suite 155
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Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| p/m-Xylene | 1.7 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.57 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 12 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 210 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.79 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E12F13 (14-07-1690-15) | | | | | | |
| Arsenic | 0.652 | J | 0.248* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 211 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.233 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.91 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.91 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.9 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.5 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.374 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.57 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.220 | J | 0.0820* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.0 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.5 | | 0.957 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 890 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0236 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.9 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 61 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 55 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 120 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 29 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 4.3 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 370 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 29 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 650 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 77 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.20 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 43 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.4 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.31 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 9.3 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 1.0 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 8.6 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |

* MDL is shown

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 9700 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 3.2 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 2.0 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 44 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 7.3 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 35 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 11 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 26 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.099 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.23 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.14 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.9 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C10D11 (14-07-1690-16) | | | | | | |
| Arsenic | 0.401 | J | 0.257* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 106 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.233 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.15 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.57 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.0 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.73 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.285 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.22 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.216 | J | 0.0849* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.9 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.8 | | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0139 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.2 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 2.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 240 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 360 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 71 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 34 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 5.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1000 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 46 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.50 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.67 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.67 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 17 | J | 0.84* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1.2 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 2.1 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.6 | J | 0.28* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.1 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Benzyl Alcohol | 15 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 120 | | 50 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 510 | | 50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 28 | J | 9.6* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 0.33 | J | 0.13* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.18 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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Attn: Tom Tatnall

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Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C12D13 (14-07-1690-17) | | | | | | |
| Arsenic | 0.505 | J | 0.255* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 160 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.171 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.16 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.43 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.5 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.29 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.377 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.40 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.218 | J | 0.0844* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 10.9 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 33.6 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0200 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.2 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 3.3 | J | 2.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 58 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 74 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 6.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 10 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 64 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 23 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 7.5 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 7.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.9 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 16 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 580 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 240 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 33 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.15 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 34 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.5 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 4.5 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.70 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 6.1 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |

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Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 7100 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.1 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 17 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 69 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 6.8 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 17 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 6.6 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 28 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.10 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.68 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 1-Methylnaphthalene | 0.14 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C13D14 (14-07-1690-18) | | | | | | |
| Arsenic | 0.434 | J | 0.259* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 161 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.186 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.67 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.49 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.7 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.10 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.331 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.50 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.238 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.7 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.2 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0226 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.4 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 31 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 44 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 3.3 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 4.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 29 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 12 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.2 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.4 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.5 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 9.7 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.3 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 710 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 360 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 39 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.17 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 26 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.3 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.6 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.64 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 4.5 | J | 0.61* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 160 | | 49 | ug/kg | EPA 8260B | EPA 5030C |

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3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| n-Propylbenzene | 3.2 | J | 0.49* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 5.7 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 130 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 12 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 14 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 6.6 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 20 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.33 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 3.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.56 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C14D15 (14-07-1690-19) | | | | | | |
| Arsenic | 14.6 | | 0.769 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 161 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.181 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.80 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.93 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 7.75 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.6 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.551 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.75 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.293 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.8 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 29.9 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0131 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.5 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 56 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 4.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 4.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 4.5 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.4 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.0 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 6.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 44 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 62 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 27 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.2 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 2.1 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 4.7 | J | 0.65* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 160 | | 52 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.8 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 3.8 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 130 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 12 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 7.4 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 4.4 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |

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Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Benzyl Alcohol | 4.5 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.33 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 3.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| C16D17 (14-07-1690-20) | | | | | | |
| Arsenic | 1.56 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.6 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.205 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.74 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.23 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.5 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 16.4 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.537 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.97 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.234 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 11.9 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.9 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0288 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.7 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.4 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 84 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 32 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.65 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.24 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 7.9 | J | 4.3* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 6.0 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.77 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1,1-Trichloroethane | 0.29 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 2.1 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.7 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.74 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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* MDL is shown

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Attn: Tom Tatnall

Work Order: 14-07-1690
Project Name: UTC Canoga Park / 32594-506
Received: 07/24/14



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C18D19 (14-07-1690-21) | | | | | | |
| Arsenic | 0.399 | J | 0.259* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 93.8 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.230 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.19 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.96 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.7 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.9 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.502 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.27 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.313 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.1 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.1 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0240 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 2.0 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.6 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 42 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.32 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.7 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.82 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.96 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Di-n-Butyl Phthalate | 0.18 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:12** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 4200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:44** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 620 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:50** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 5000 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:56** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 750 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:02** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 180 | 400 | 29 | 10.0 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:09** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1000 | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:15** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 170 | 400 | 29 | 10.0 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:21** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 510 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:27** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 930 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:34** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:52** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 650 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 22:59** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:05** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:11** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:17** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 890 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:24** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:30** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:36** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:42** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 23:49** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **IC 11** | **07/28/14** | **07/29/14 00:20** | **140728L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2690** | **N/A** | **Solid** | **IC 11** | **07/28/14** | **07/28/14 20:59** | **140728L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2691** | **N/A** | **Solid** | **IC 11** | **07/28/14** | **07/29/14 00:07** | **140728L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3550B |
| Method: | EPA 8015B (M) |
| Units: | mg/kg |



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 19:07** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 7.6 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 16 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 20 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 44 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 74 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 60 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 26 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 4.8 | 5.0 | 1.5 | 1.00 | J |
| C6-C44 Total | 250 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 19:23** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 3.2 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 42 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 82 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 130 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 190 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 250 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 280 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 150 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 71 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 24 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 1200 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 19:41** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | 3.5 | 5.0 | 2.4 | 1.00 | J |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 3.1 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 4.0 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 6.5 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 6.3 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 6.1 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 3.5 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 33 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 90 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 19:59** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 4.3 | 5.0 | 1.8 | 1.00 | J |
| C19-C20 | 37 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 67 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 120 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 190 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 210 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 120 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 55 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 21 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 820 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 85 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 08:09** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | ND | 25 | 15 | 5.00 | |
| C11-C12 | 11 | 25 | 8.6 | 5.00 | J |
| C13-C14 | 34 | 25 | 8.7 | 5.00 | |
| C15-C16 | 30 | 25 | 8.9 | 5.00 | |
| C17-C18 | 140 | 25 | 8.9 | 5.00 | |
| C19-C20 | 420 | 25 | 9.1 | 5.00 | |
| C21-C22 | 560 | 25 | 8.7 | 5.00 | |
| C23-C24 | 790 | 25 | 8.2 | 5.00 | |
| C25-C28 | 820 | 25 | 12 | 5.00 | |
| C29-C32 | 1100 | 25 | 12 | 5.00 | |
| C33-C36 | 420 | 25 | 13 | 5.00 | |
| C37-C40 | 150 | 25 | 7.9 | 5.00 | |
| C41-C44 | 52 | 25 | 7.5 | 5.00 | |
| C6-C44 Total | 4500 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 123 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 20:50** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 7.9 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 39 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 83 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 160 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 220 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 290 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 160 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 85 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 21 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 1100 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 90 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 21:08** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 5.9 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 23 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 53 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 70 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 100 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 110 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 56 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 31 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 11 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 460 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 08:26** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | 42 | 25 | 15 | 5.00 | |
| C11-C12 | 85 | 25 | 8.6 | 5.00 | |
| C13-C14 | ND | 25 | 8.7 | 5.00 | |
| C15-C16 | ND | 25 | 8.9 | 5.00 | |
| C17-C18 | 32 | 25 | 8.9 | 5.00 | |
| C19-C20 | 180 | 25 | 9.1 | 5.00 | |
| C21-C22 | 290 | 25 | 8.7 | 5.00 | |
| C23-C24 | 290 | 25 | 8.2 | 5.00 | |
| C25-C28 | 430 | 25 | 12 | 5.00 | |
| C29-C32 | 600 | 25 | 12 | 5.00 | |
| C33-C36 | 500 | 25 | 13 | 5.00 | |
| C37-C40 | 100 | 25 | 7.9 | 5.00 | |
| C41-C44 | 18 | 25 | 7.5 | 5.00 | J |
| C6-C44 Total | 2600 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 96 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 21:43** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.5 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 72 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 85 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 8.5 | 4.9 | 1.7 | 1.00 | |
| C15-C16 | 11 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 76 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 140 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 170 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 180 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 210 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 220 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 130 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 66 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | 21 | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 1400 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 81 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 22:00** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.8 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 88 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 100 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 21 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 43 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 130 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 120 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 120 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 140 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 180 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 170 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 86 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 42 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 18 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 1300 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 84 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 08:43** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | 79 | 25 | 15 | 5.00 | |
| C11-C12 | 77 | 25 | 8.7 | 5.00 | |
| C13-C14 | ND | 25 | 8.8 | 5.00 | |
| C15-C16 | ND | 25 | 9.0 | 5.00 | |
| C17-C18 | 68 | 25 | 9.0 | 5.00 | |
| C19-C20 | 89 | 25 | 9.2 | 5.00 | |
| C21-C22 | 140 | 25 | 8.8 | 5.00 | |
| C23-C24 | 330 | 25 | 8.3 | 5.00 | |
| C25-C28 | 470 | 25 | 12 | 5.00 | |
| C29-C32 | 810 | 25 | 12 | 5.00 | |
| C33-C36 | 460 | 25 | 13 | 5.00 | |
| C37-C40 | 120 | 25 | 8.0 | 5.00 | |
| C41-C44 | 48 | 25 | 7.6 | 5.00 | |
| C6-C44 Total | 2700 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 104 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 22:35** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.6 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | 5.6 | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 22 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 8.9 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 1.9 | 4.9 | 1.8 | 1.00 | J |
| C21-C22 | 2.3 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 320 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 150 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 13 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 17 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 12 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 550 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 109 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 23:09** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.1 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | 2.9 | 4.9 | 2.4 | 1.00 | J |
| C9-C10 | 17 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 6.0 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 1.9 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 200 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 75 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 41 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 5.6 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 3.0 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 350 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 90 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 23:27** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.6 | 5.0 | 0.21 | 1.00 | J |
| C7 | 2.4 | 5.0 | 2.3 | 1.00 | J |
| C8 | 4.1 | 5.0 | 2.4 | 1.00 | J |
| C9-C10 | 17 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 6.4 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 3.1 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 4.8 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 390 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 130 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 74 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 14 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 7.8 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 2.0 | 5.0 | 1.5 | 1.00 | J |
| C6-C44 Total | 660 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 108 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 23:44** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.9 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 61 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 55 | 5.0 | 1.8 | 1.00 | |
| C13-C14 | 11 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 15 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 120 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 29 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 9.0 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 14 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 16 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 14 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 19 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 4.3 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 370 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 100 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 00:01** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.2 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 19 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 13 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 2.0 | 5.0 | 1.7 | 1.00 | J |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 5.1 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 20 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 19 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 240 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 360 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 250 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 71 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 34 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 5.7 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 1000 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 134 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 00:19** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.2 | 4.9 | 0.20 | 1.00 | J |
| C7 | 3.3 | 4.9 | 2.2 | 1.00 | J |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 58 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 74 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 6.6 | 4.9 | 1.7 | 1.00 | |
| C15-C16 | 10 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 64 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 23 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 7.5 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 7.0 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 5.0 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 5.9 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 16 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 3.5 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 290 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 00:36** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.4 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 31 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 44 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 3.3 | 4.9 | 1.7 | 1.00 | J |
| C15-C16 | 4.8 | 4.9 | 1.8 | 1.00 | J |
| C17-C18 | 29 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 12 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 4.2 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 6.4 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 5.5 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 5.0 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 9.7 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 2.3 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 160 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 00:53** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.5 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 33 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 56 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 4.0 | 5.0 | 1.7 | 1.00 | J |
| C15-C16 | 4.4 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 13 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 4.5 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 2.4 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 2.0 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 6.1 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 130 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 83 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 01:10** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 2.8 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 2.7 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 4.2 | 4.9 | 2.4 | 1.00 | J |
| C29-C32 | 3.4 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 13 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:53** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 2.0 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 3.6 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 4.0 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | 5.8 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 4.0 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 19 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 85 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1050** | **N/A** | **Solid** | **GC 46** | **07/28/14** | **07/29/14 01:44** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1049** | **N/A** | **Solid** | **GC 46** | **07/28/14** | **07/28/14 17:56** | **140728B14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 101 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:11** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 0.928 | 0.777 | 0.269 | 1.04 | |
| Barium | 100 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.250 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 10.2 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 5.60 | 0.259 | 0.153 | 1.04 | |
| Copper | 10.7 | 0.518 | 0.140 | 1.04 | |
| Lead | 1.31 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.213 | 0.259 | 0.137 | 1.04 | J |
| Nickel | 5.23 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.144 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 20.8 | 0.259 | 0.146 | 1.04 | |
| Zinc | 25.5 | 1.04 | 0.184 | 1.04 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:12** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.402 | 0.761 | 0.263 | 1.02 | J |
| Barium | 108 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.262 | 0.254 | 0.139 | 1.02 | |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 7.19 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 5.50 | 0.254 | 0.150 | 1.02 | |
| Copper | 29.4 | 0.508 | 0.137 | 1.02 | |
| Lead | 11.4 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.367 | 0.254 | 0.134 | 1.02 | |
| Nickel | 8.86 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.241 | 0.254 | 0.0870 | 1.02 | J |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 18.9 | 0.254 | 0.143 | 1.02 | |
| Zinc | 49.7 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:13** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 6.19 | 0.761 | 0.263 | 1.02 | |
| Barium | 124 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.262 | 0.254 | 0.139 | 1.02 | |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 11.5 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 4.97 | 0.254 | 0.150 | 1.02 | |
| Copper | 9.54 | 0.508 | 0.137 | 1.02 | |
| Lead | 3.27 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.249 | 0.254 | 0.134 | 1.02 | J |
| Nickel | 13.6 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.182 | 0.254 | 0.0870 | 1.02 | J |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 30.5 | 0.254 | 0.143 | 1.02 | |
| Zinc | 32.5 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 14:54** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 0.378 | 0.750 | 0.259 | 1.00 | J |
| Barium | 84.0 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.220 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 7.06 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 4.91 | 0.250 | 0.148 | 1.00 | |
| Copper | 21.7 | 0.500 | 0.135 | 1.00 | |
| Lead | 8.45 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.290 | 0.250 | 0.132 | 1.00 | |
| Nickel | 6.61 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.238 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 16.8 | 0.250 | 0.141 | 1.00 | |
| Zinc | 41.8 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:14** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | ND | 0.754 | 0.260 | 1.01 | |
| Barium | 91.1 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.243 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 5.98 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 3.84 | 0.251 | 0.149 | 1.01 | |
| Copper | 18.3 | 0.503 | 0.135 | 1.01 | |
| Lead | 8.07 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.301 | 0.251 | 0.133 | 1.01 | |
| Nickel | 5.42 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.187 | 0.251 | 0.0861 | 1.01 | J |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 14.0 | 0.251 | 0.142 | 1.01 | |
| Zinc | 40.3 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:20** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 0.926 | 0.765 | 0.264 | 1.02 | |
| Barium | 118 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.266 | 0.255 | 0.140 | 1.02 | |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 9.72 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 5.97 | 0.255 | 0.151 | 1.02 | |
| Copper | 31.5 | 0.510 | 0.137 | 1.02 | |
| Lead | 13.8 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.498 | 0.255 | 0.135 | 1.02 | |
| Nickel | 7.59 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.207 | 0.255 | 0.0875 | 1.02 | J |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 21.0 | 0.255 | 0.144 | 1.02 | |
| Zinc | 52.8 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:22** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | ND | 0.758 | 0.262 | 1.01 | |
| Barium | 103 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.236 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 6.34 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 5.50 | 0.253 | 0.150 | 1.01 | |
| Copper | 23.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 11.8 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.468 | 0.253 | 0.133 | 1.01 | |
| Nickel | 7.28 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.229 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 14.6 | 0.253 | 0.143 | 1.01 | |
| Zinc | 48.3 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:23** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 1.84 | 0.739 | 0.255 | 0.985 | |
| Barium | 252 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 1.78 | 0.246 | 0.135 | 0.985 | |
| Cadmium | 1.46 | 0.493 | 0.133 | 0.985 | |
| Chromium | 7.31 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 6.08 | 0.246 | 0.146 | 0.985 | |
| Copper | 25.5 | 0.493 | 0.133 | 0.985 | |
| Lead | 14.7 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 1.94 | 0.246 | 0.130 | 0.985 | |
| Nickel | 7.39 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.961 | 0.246 | 0.0844 | 0.985 | |
| Thallium | 2.46 | 0.739 | 0.149 | 0.985 | |
| Vanadium | 17.8 | 0.246 | 0.139 | 0.985 | |
| Zinc | 55.4 | 0.985 | 0.175 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:24** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 0.304 | 0.777 | 0.269 | 1.04 | J |
| Barium | 264 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.295 | 0.259 | 0.142 | 1.04 | |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 5.96 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.51 | 0.259 | 0.153 | 1.04 | |
| Copper | 26.9 | 0.518 | 0.140 | 1.04 | |
| Lead | 14.9 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.549 | 0.259 | 0.137 | 1.04 | |
| Nickel | 6.06 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.222 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | 0.483 | 0.777 | 0.157 | 1.04 | J |
| Vanadium | 15.7 | 0.259 | 0.146 | 1.04 | |
| Zinc | 57.3 | 1.04 | 0.184 | 1.04 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:25** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 0.648 | 0.765 | 0.264 | 1.02 | J |
| Barium | 282 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.243 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 6.18 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 4.35 | 0.255 | 0.151 | 1.02 | |
| Copper | 22.5 | 0.510 | 0.137 | 1.02 | |
| Lead | 7.98 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.313 | 0.255 | 0.135 | 1.02 | |
| Nickel | 5.76 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.128 | 0.255 | 0.0875 | 1.02 | J |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 13.2 | 0.255 | 0.144 | 1.02 | |
| Zinc | 50.8 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:26** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 0.286 | 0.769 | 0.266 | 1.03 | J |
| Barium | 200 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.221 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 6.22 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 3.86 | 0.256 | 0.152 | 1.03 | |
| Copper | 24.7 | 0.513 | 0.138 | 1.03 | |
| Lead | 7.27 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.248 | 0.256 | 0.135 | 1.03 | J |
| Nickel | 5.37 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.225 | 0.256 | 0.0879 | 1.03 | J |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 14.5 | 0.256 | 0.145 | 1.03 | |
| Zinc | 56.2 | 1.03 | 0.182 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:27** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 0.841 | 0.765 | 0.264 | 1.02 | |
| Barium | 125 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.223 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 9.75 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 6.84 | 0.255 | 0.151 | 1.02 | |
| Copper | 37.6 | 0.510 | 0.137 | 1.02 | |
| Lead | 4.57 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | ND | 0.255 | 0.135 | 1.02 | |
| Nickel | 9.84 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.210 | 0.255 | 0.0875 | 1.02 | J |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 20.8 | 0.255 | 0.144 | 1.02 | |
| Zinc | 55.8 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:28** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 5.07 | 0.761 | 0.263 | 1.02 | |
| Barium | 76.5 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.194 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | 0.194 | 0.508 | 0.137 | 1.02 | J |
| Chromium | 9.89 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 3.27 | 0.254 | 0.150 | 1.02 | |
| Copper | 16.3 | 0.508 | 0.137 | 1.02 | |
| Lead | 3.46 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.681 | 0.254 | 0.134 | 1.02 | |
| Nickel | 6.43 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.390 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 16.4 | 0.254 | 0.143 | 1.02 | |
| Zinc | 24.3 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:29** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 0.985 | 0.754 | 0.260 | 1.01 | |
| Barium | 75.3 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.223 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 7.75 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 3.73 | 0.251 | 0.149 | 1.01 | |
| Copper | 26.4 | 0.503 | 0.135 | 1.01 | |
| Lead | 5.90 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.305 | 0.251 | 0.133 | 1.01 | |
| Nickel | 5.32 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.286 | 0.251 | 0.0861 | 1.01 | |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 13.2 | 0.251 | 0.142 | 1.01 | |
| Zinc | 52.8 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:30** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.718 | 0.143 | 0.957 | |
| Arsenic | 0.652 | 0.718 | 0.248 | 0.957 | J |
| Barium | 211 | 0.478 | 0.148 | 0.957 | |
| Beryllium | 0.233 | 0.239 | 0.131 | 0.957 | J |
| Cadmium | ND | 0.478 | 0.130 | 0.957 | |
| Chromium | 5.91 | 0.239 | 0.136 | 0.957 | |
| Cobalt | 3.91 | 0.239 | 0.142 | 0.957 | |
| Copper | 24.9 | 0.478 | 0.129 | 0.957 | |
| Lead | 11.5 | 0.478 | 0.126 | 0.957 | |
| Molybdenum | 0.374 | 0.239 | 0.126 | 0.957 | |
| Nickel | 5.57 | 0.239 | 0.139 | 0.957 | |
| Selenium | ND | 0.718 | 0.287 | 0.957 | |
| Silver | 0.220 | 0.239 | 0.0820 | 0.957 | J |
| Thallium | ND | 0.718 | 0.145 | 0.957 | |
| Vanadium | 16.0 | 0.239 | 0.135 | 0.957 | |
| Zinc | 53.5 | 0.957 | 0.170 | 0.957 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:37** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.147 | 0.990 | |
| Arsenic | 0.401 | 0.743 | 0.257 | 0.990 | J |
| Barium | 106 | 0.495 | 0.153 | 0.990 | |
| Beryllium | 0.233 | 0.248 | 0.136 | 0.990 | J |
| Cadmium | ND | 0.495 | 0.134 | 0.990 | |
| Chromium | 8.15 | 0.248 | 0.141 | 0.990 | |
| Cobalt | 5.57 | 0.248 | 0.147 | 0.990 | |
| Copper | 27.0 | 0.495 | 0.133 | 0.990 | |
| Lead | 9.73 | 0.495 | 0.130 | 0.990 | |
| Molybdenum | 0.285 | 0.248 | 0.131 | 0.990 | |
| Nickel | 7.22 | 0.248 | 0.143 | 0.990 | |
| Selenium | ND | 0.743 | 0.297 | 0.990 | |
| Silver | 0.216 | 0.248 | 0.0849 | 0.990 | J |
| Thallium | ND | 0.743 | 0.150 | 0.990 | |
| Vanadium | 19.9 | 0.248 | 0.140 | 0.990 | |
| Zinc | 53.8 | 0.990 | 0.176 | 0.990 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:38** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 0.505 | 0.739 | 0.255 | 0.985 | J |
| Barium | 160 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.171 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 6.16 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 2.43 | 0.246 | 0.146 | 0.985 | |
| Copper | 21.5 | 0.493 | 0.133 | 0.985 | |
| Lead | 4.29 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.377 | 0.246 | 0.130 | 0.985 | |
| Nickel | 5.40 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.218 | 0.246 | 0.0844 | 0.985 | J |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 10.9 | 0.246 | 0.139 | 0.985 | |
| Zinc | 33.6 | 0.985 | 0.175 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:39** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 0.434 | 0.750 | 0.259 | 1.00 | J |
| Barium | 161 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.186 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 7.67 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 2.49 | 0.250 | 0.148 | 1.00 | |
| Copper | 21.7 | 0.500 | 0.135 | 1.00 | |
| Lead | 3.10 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.331 | 0.250 | 0.132 | 1.00 | |
| Nickel | 6.50 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.238 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 12.7 | 0.250 | 0.141 | 1.00 | |
| Zinc | 31.2 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:41** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 14.6 | 0.769 | 0.266 | 1.03 | |
| Barium | 161 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.181 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 7.80 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 2.93 | 0.256 | 0.152 | 1.03 | |
| Copper | 7.75 | 0.513 | 0.138 | 1.03 | |
| Lead | 10.6 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.551 | 0.256 | 0.135 | 1.03 | |
| Nickel | 9.75 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.293 | 0.256 | 0.0879 | 1.03 | |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 21.8 | 0.256 | 0.145 | 1.03 | |
| Zinc | 29.9 | 1.03 | 0.182 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:42** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.56 | 0.758 | 0.262 | 1.01 | |
| Barium | 92.6 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.205 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 5.74 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 3.23 | 0.253 | 0.150 | 1.01 | |
| Copper | 24.5 | 0.505 | 0.136 | 1.01 | |
| Lead | 16.4 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.537 | 0.253 | 0.133 | 1.01 | |
| Nickel | 5.97 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.234 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 11.9 | 0.253 | 0.143 | 1.01 | |
| Zinc | 44.9 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:06** | **140730L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 0.399 | 0.750 | 0.259 | 1.00 | J |
| Barium | 93.8 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.230 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 6.19 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.96 | 0.250 | 0.148 | 1.00 | |
| Copper | 31.7 | 0.500 | 0.135 | 1.00 | |
| Lead | 13.9 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.502 | 0.250 | 0.132 | 1.00 | |
| Nickel | 6.27 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.313 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 14.1 | 0.250 | 0.141 | 1.00 | |
| Zinc | 50.1 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18676** | **N/A** | **Solid** | **ICP 7300** | **07/30/14** | **07/31/14 14:42** | **140730L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18677** | **N/A** | **Solid** | **ICP 7300** | **07/30/14** | **07/31/14 14:44** | **140730L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:32** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0362 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:35** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0204 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:37** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0178 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:17** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0311 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:50** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0205 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:52** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0462 | 0.0833 | 0.00587 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:55** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0441 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:57** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0409 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:59** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0132 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:01** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0644 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:03** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0167 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:10** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0184 | 0.0820 | 0.00578 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:12** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0136 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:15** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00968 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:17** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0236 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:19** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0139 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:21** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0200 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:24** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0226 | 0.0820 | 0.00578 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:26** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0131 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:28** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0288 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:39** | **140731L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0240 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-22** | **N/A** | **Solid** | **Mercury 05** | **07/31/14** | **07/31/14 19:39** | **140731L03D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-23** | **N/A** | **Solid** | **Mercury 05** | **07/31/14** | **07/31/14 20:30** | **140731L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 17:27** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 17:45** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 25 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 95 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 105 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 60 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 13:38** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 18 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 18:20** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 40 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 120 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 160 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 86 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 18:38** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 100 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 180 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 130 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 91 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 18:56** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 47 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 290 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 290 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 3 | 25-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 19:14** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 50 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 210 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 220 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 16:40** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 150 | 50 | 14 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 75 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 75 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **GC 66** | **07/30/14** | **08/02/14 12:42** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1200 | 250 | 61 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 82 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 69 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 16:57** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 430 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 180 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 81 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 17:15** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 97 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 230 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 190 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 77 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 17:33** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 63 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 89 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 57 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 72 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 21:19** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 25 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 74 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 75 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 21:37** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 31 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 68 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 21:55** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 39 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 22:12** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 29 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | 650 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 102 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 22:30** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | 130 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 22:48** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 580 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 240 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 93 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 23:41** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 710 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 360 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 102 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 23:59** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 44 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 00:17** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 84 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 01:46** | **140730L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 130 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 93 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2775** | **N/A** | **Solid** | **GC 66** | **07/30/14** | **08/01/14 01:11** | **140730L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2774** | **N/A** | **Solid** | **GC 66** | **07/30/14** | **07/31/14 16:51** | **140730L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 18:13** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 65 | 33-123 | |
| p-Terphenyl-d14 | 91 | 27-159 | |
| Phenol-d6 | 21 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 18:31** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.14 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 12 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 18:48** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 91 | 27-159 | |
| Phenol-d6 | 3 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 19:06** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 19:24** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 96 | 27-159 | |
| Phenol-d6 | 21 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 19:42** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 0.19 | 0.50 | 0.13 | 1.00 | J |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 20:00** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.39 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.18 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.13 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.20 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 61 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 20:18** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 12 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.64 | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | 0.14 | 0.50 | 0.095 | 1.00 | J |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 5.6 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | 0.10 | 0.50 | 0.10 | 1.00 | J |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 56 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 20:36** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.49 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 6.6 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 46 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 12:28** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 52 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 106 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 20:54** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.33 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 10 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 57 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 12:45** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 34 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 93 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 104 | 27-159 | |
| Phenol-d6 | 15 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 21:11** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 1.6 | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | 1.8 | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.41 | 0.50 | 0.097 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 6.2 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 49 | 33-123 | |
| p-Terphenyl-d14 | 95 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 13:03** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 40 | 2.5 | 0.78 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 105 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 23:52** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 1.0 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 2.0 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 13:21** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 17 | 25 | 7.7 | 50.0 | J |
| Butyl Benzyl Phthalate | 420 | 25 | 5.0 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 59 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 00:10** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 16 | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.92 | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 61 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 13:39** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Butyl Benzyl Phthalate | 200 | 25 | 5.1 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 71 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 53 | 33-123 | |
| p-Terphenyl-d14 | 79 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 23:35** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 12 | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.79 | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 13:57** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Butyl Benzyl Phthalate | 210 | 25 | 5.1 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 55 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 21:29** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.099 | 0.50 | 0.097 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.23 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.14 | 0.50 | 0.097 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.9 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 53 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 15 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 14:15** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 26 | 2.5 | 0.78 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 84 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 96 | 27-159 | |
| Phenol-d6 | 15 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 00:28** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 15 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 0.33 | 0.50 | 0.13 | 1.00 | J |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.18 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 14:33** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Bis(2-Ethylhexyl) Phthalate | 120 | 50 | 9.6 | 100 | |
| Butyl Benzyl Phthalate | 510 | 50 | 10 | 100 | |
| Di-n-Butyl Phthalate | 28 | 50 | 9.6 | 100 | J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 58 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 21:47** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.10 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.68 | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | 0.14 | 0.50 | 0.095 | 1.00 | J |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.7 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 50 | 33-123 | |
| p-Terphenyl-d14 | 91 | 27-159 | |
| Phenol-d6 | 19 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 14:50** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 28 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 100 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 22:05** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.33 | 0.50 | 0.095 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 3.7 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.56 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 49 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 29 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/07/14 15:08** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 20 | 2.5 | 0.78 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 98 | 27-159 | |
| Phenol-d6 | 31 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 22:23** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 4.5 | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.33 | 0.50 | 0.095 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 3.7 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 49 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 5 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 22:41** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **GC/MS TT** | **08/05/14** | **08/06/14 18:32** | **140805L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.18 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 68 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 54 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-11** | **N/A** | **Solid** | **GC/MS CCC** | **08/05/14** | **08/06/14 17:37** | **140805L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 90 | 27-120 | |
| 2-Fluorophenol | 94 | 25-120 | |
| Nitrobenzene-d5 | 88 | 33-123 | |
| p-Terphenyl-d14 | 95 | 27-159 | |
| Phenol-d6 | 88 | 26-122 | |
| 2,4,6-Tribromophenol | 83 | 18-138 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-12** | **N/A** | **Solid** | **GC/MS TT** | **08/05/14** | **08/06/14 17:55** | **140805L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

| | |
|---|---|
| Date Received: | 07/24/14 |
| Work Order: | 14-07-1690 |
| Preparation: | EPA 3545 |
| Method: | EPA 8270C |
| Units: | mg/kg |

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 83 | 27-120 | |
| 2-Fluorophenol | 87 | 25-120 | |
| Nitrobenzene-d5 | 85 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 88 | 26-122 | |
| 2,4,6-Tribromophenol | 89 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F18G19** | **14-07-1690-1-A** | **07/24/14 08:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 08:10** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 29 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G18H19** | **14-07-1690-2-A** | **07/24/14 09:20** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 08:36** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 29 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 0.21 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 1.2 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 0.60 | 4.9 | 0.54 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21** | **14-07-1690-3-A** | **07/24/14 09:50** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 09:02** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 61 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.2 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.62 | 1.00 | |
| Ethylbenzene | 60 | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | 0.87 | 5.2 | 0.56 | 1.00 | J |
| p-Isopropyltoluene | ND | 5.2 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | ND | 52 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | 0.85 | 5.2 | 0.53 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.72 | 5.2 | 0.60 | 1.00 | J |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 320 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 180 | 5.2 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 25 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G19H20** | **14-07-1690-4-A** | **07/24/14 10:10** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 09:28** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 51 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.38 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 1.3 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | 2.2 | 50 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 2.1 | 50 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.7 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 7.4 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 3.9 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21** | **14-07-1690-5-A** | **07/24/14 10:14** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 09:54** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 41 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 0.47 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | 2.6 | 51 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.77 | 5.1 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 2.8 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | 1.5 | 5.1 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 123 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F21G22** | **14-07-1690-6-A** | **07/24/14 10:20** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 16:42** | **140728L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 25 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.92 | 5.1 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 1.2 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 5.5 | 51 | 0.83 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 0.69 | 5.1 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 3.4 | 5.1 | 0.60 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 5.1 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 1.7 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 30 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E16F17** | **14-07-1690-7-A** | **07/24/14 10:30** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 22:19** | **140728L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 44 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.14 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.39 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | 0.50 | 50 | 0.30 | 1.00 | J |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 0.73 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 3.5 | 5.0 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 2.1 | 5.0 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 3.2 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 2.5 | 5.0 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 31 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18** | **14-07-1690-8-A** | **07/24/14 10:50** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 22:44** | **140728L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 61 | 130 | 6.4 | 1.00 | J |
| Benzene | 0.15 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | 4.8 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | 18 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 0.73 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 2.9 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | 2.1 | 51 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 3.0 | 5.1 | 0.64 | 1.00 | J |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 120 | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | 1.1 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 42 | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 74 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 4.8 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 12 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 4.1 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E15F16** | **14-07-1690-9-A** | **07/24/14 11:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 23:10** | **140728L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 64 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.21 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | 4.0 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | 32 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.3 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 19 | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | 1.1 | 5.0 | 0.55 | 1.00 | J |
| p-Isopropyltoluene | 7.3 | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 170 | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | 2.9 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 38 | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 34 | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 4.2 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | 80 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 28 | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16** | **14-07-1690-10-A** | **07/24/14 11:10** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 03:54** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 64 | 130 | 6.4 | 1.00 | J |
| Benzene | 0.17 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | 37 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.6 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 21 | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | 0.97 | 5.1 | 0.56 | 1.00 | J |
| p-Isopropyltoluene | 8.1 | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 180 | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | 2.2 | 5.1 | 0.52 | 1.00 | J |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.36 | 1.00 | |
| Tetrachloroethene | 0.48 | 5.1 | 0.22 | 1.00 | J |
| Toluene | 54 | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 31 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 3.6 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | 83 | 5.1 | 0.28 | 1.00 | |
| o-Xylene | 27 | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E13F14** | **14-07-1690-11-A** | **07/24/14 11:20** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 14:57** | **140728L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 49 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.15 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 16 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 0.76 | 5.1 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 12 | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | 4.0 | 5.1 | 0.64 | 1.00 | J |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 92 | 51 | 0.82 | 1.00 | |
| n-Propylbenzene | 1.7 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | 0.32 | 5.1 | 0.21 | 1.00 | J |
| Toluene | 16 | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 17 | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 2.0 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 51 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 21 | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D15E16** | **14-07-1690-12-A** | **07/24/14 11:30** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 04:20** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.20 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 1.0 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | 1.6 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | 6.0 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | 0.88 | 4.9 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | 4.1 | 4.9 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 0.65 | 4.9 | 0.54 | 1.00 | J |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | 7.2 | 4.9 | 0.26 | 1.00 | |
| o-Xylene | 2.4 | 4.9 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 101 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D13E14** | **14-07-1690-13-A** | **07/24/14 11:50** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 04:46** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 100 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.87 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | 10 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | 1.1 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | 3.1 | 4.9 | 0.23 | 1.00 | J |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | 1.1 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 1.9 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | 0.37 | 4.9 | 0.21 | 1.00 | J |
| Toluene | 2.0 | 4.9 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | 4.3 | 4.9 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 4.3 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 1.2 | 4.9 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D12E13** | **14-07-1690-14-A** | **07/24/14 12:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 05:12** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 86 | 120 | 6.2 | 1.00 | J |
| Benzene | 2.4 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 12 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | 0.59 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | 4.5 | 5.0 | 0.24 | 1.00 | J |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 0.38 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 0.90 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.86 | 5.0 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 4.5 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 1.7 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 0.57 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 110 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 05:37** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 77 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.20 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 43 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.4 | 5.1 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | 0.31 | 5.1 | 0.23 | 1.00 | J |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 9.3 | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | 1.0 | 5.1 | 0.55 | 1.00 | J |
| p-Isopropyltoluene | 8.6 | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| n-Propylbenzene | 3.2 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 2.0 | 5.1 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 44 | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 7.3 | 5.1 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 35 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 11 | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 110 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E12F13** | **14-07-1690-15-A** | **07/24/14 12:15** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 17:58** | **140729L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 9700 | 5100 | 83 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 100 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C10D11** | **14-07-1690-16-A** | **07/24/14 12:25** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 06:03** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 46 | 130 | 6.4 | 1.00 | J |
| Benzene | 0.50 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | 0.67 | 5.1 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 0.67 | 5.1 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 17 | 51 | 0.84 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | 1.2 | 5.1 | 0.53 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 2.1 | 5.1 | 0.60 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | 2.6 | 5.1 | 0.28 | 1.00 | J |
| o-Xylene | 1.1 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 06:30** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 33 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.15 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 34 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.5 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 4.5 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | 0.70 | 5.0 | 0.55 | 1.00 | J |
| p-Isopropyltoluene | 6.1 | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| n-Propylbenzene | 2.1 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 17 | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 69 | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 6.8 | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 17 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 6.6 | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C12D13** | **14-07-1690-17-A** | **07/24/14 12:40** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/30/14 00:27** | **140729L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 7100 | 5100 | 83 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 102 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C13D14** | **14-07-1690-18-A** | **07/24/14 13:00** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 06:55** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 39 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.17 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 26 | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | 1.3 | 4.9 | 0.56 | 1.00 | J |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 3.6 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | 0.64 | 4.9 | 0.53 | 1.00 | J |
| p-Isopropyltoluene | 4.5 | 4.9 | 0.61 | 1.00 | J |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 160 | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | 3.2 | 4.9 | 0.49 | 1.00 | J |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | 5.7 | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 130 | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 12 | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 14 | 4.9 | 0.26 | 1.00 | |
| o-Xylene | 6.6 | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 41 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 111 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C14D15** | **14-07-1690-19-A** | **07/24/14 13:10** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 07:21** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 62 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.2 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | 27 | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.2 | 5.2 | 0.60 | 1.00 | J |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.62 | 1.00 | |
| Ethylbenzene | 2.1 | 5.2 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 4.7 | 5.2 | 0.65 | 1.00 | J |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | 160 | 52 | 0.84 | 1.00 | |
| n-Propylbenzene | 2.8 | 5.2 | 0.52 | 1.00 | J |
| Styrene | ND | 5.2 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | 3.8 | 5.2 | 0.53 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | 130 | 5.2 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 12 | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 7.4 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 4.4 | 5.2 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 25 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C16D17** | **14-07-1690-20-A** | **07/24/14 13:25** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 07:47** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 32 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.65 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 0.24 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 7.9 | 50 | 4.3 | 1.00 | J |
| Naphthalene | 6.0 | 50 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.77 | 5.0 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | 0.29 | 5.0 | 0.23 | 1.00 | J |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 2.1 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | 1.7 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 0.74 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 30 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19** | **14-07-1690-21-A** | **07/24/14 13:55** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 02:11** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 42 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.32 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 1.7 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.82 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.96 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-340** | **N/A** | **Solid** | **GC/MS Q** | **07/26/14** | **07/27/14 00:48** | **140726L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 107 | 63-141 | |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-341** | **N/A** | **Solid** | **GC/MS Q** | **07/28/14** | **07/28/14 14:06** | **140728L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 107 | 63-141 | |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-343** | **N/A** | **Solid** | **GC/MS Q** | **07/28/14** | **07/29/14 01:19** | **140728L036** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 105 | 63-141 | |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-346** | **N/A** | **Solid** | **GC/MS Q** | **07/29/14** | **07/29/14 15:46** | **140729L016** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | ND | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 99 | 63-141 | |
| 1,2-Dichloroethane-d4 | 108 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **F18G19** | **Sample** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:12** | **140728S01P** |
| **F18G19** | **Matrix Spike** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:19** | **140728S01P** |
| **F18G19** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/28/14** | **07/28/14 21:25** | **140728S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 4206 | 40000 | 40280 | 90 | 41600 | 93 | 75-125 | 3 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **IC 11** | **07/28/14** | **07/29/14 00:20** | **140728S02P** |
| **C18D19** | **Matrix Spike** | **Concrete** | **IC 11** | **07/28/14** | **07/29/14 00:26** | **140728S02P** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/28/14** | **07/29/14 00:33** | **140728S02P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 1210 | 40000 | 44060 | 107 | 45970 | 112 | 75-125 | 4 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:53** | **140728S02** |
| **C18D19** | **Matrix Spike** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:19** | **140728S02** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:36** | **140728S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 22.70 | 400.0 | 360.1 | 84 | 364.6 | 85 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **E12F13** | **Sample** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 23:44** | **140728S14** |
| **E12F13** | **Matrix Spike** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 18:31** | **140728S14** |
| **E12F13** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **07/28/14** | **07/28/14 18:49** | **140728S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 366.5 | 400.0 | 623.5 | 64 | 613.7 | 62 | 64-130 | 2 | 0-15 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G19H20** | **Sample** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 14:54** | **140730S04** |
| **G19H20** | **Matrix Spike** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 14:56** | **140730S04** |
| **G19H20** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 14:57** | **140730S04** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 6.180 | 25 | 8.066 | 32 | 50-115 | 26 | 0-20 | 3,4 |
| Arsenic | ND | 25.00 | 24.10 | 96 | 26.55 | 106 | 75-125 | 10 | 0-20 | |
| Barium | 84.03 | 25.00 | 111.8 | 111 | 112.7 | 115 | 75-125 | 1 | 0-20 | |
| Beryllium | ND | 25.00 | 23.90 | 96 | 27.18 | 109 | 75-125 | 13 | 0-20 | |
| Cadmium | ND | 25.00 | 21.94 | 88 | 24.52 | 98 | 75-125 | 11 | 0-20 | |
| Chromium | 7.057 | 25.00 | 30.59 | 94 | 33.06 | 104 | 75-125 | 8 | 0-20 | |
| Cobalt | 4.906 | 25.00 | 28.58 | 95 | 31.31 | 106 | 75-125 | 9 | 0-20 | |
| Copper | 21.68 | 25.00 | 45.22 | 94 | 49.66 | 112 | 75-125 | 9 | 0-20 | |
| Lead | 8.449 | 25.00 | 30.92 | 90 | 33.29 | 99 | 75-125 | 7 | 0-20 | |
| Molybdenum | 0.2901 | 25.00 | 22.91 | 90 | 25.65 | 101 | 75-125 | 11 | 0-20 | |
| Nickel | 6.609 | 25.00 | 29.16 | 90 | 31.74 | 101 | 75-125 | 8 | 0-20 | |
| Selenium | ND | 25.00 | 21.27 | 85 | 25.83 | 103 | 75-125 | 19 | 0-20 | |
| Silver | ND | 12.50 | 12.50 | 100 | 13.88 | 111 | 75-125 | 10 | 0-20 | |
| Thallium | ND | 25.00 | 13.04 | 52 | 16.93 | 68 | 75-125 | 26 | 0-20 | 3,4 |
| Vanadium | 16.77 | 25.00 | 41.27 | 98 | 43.06 | 105 | 75-125 | 4 | 0-20 | |
| Zinc | 41.76 | 25.00 | 65.60 | 95 | 68.44 | 107 | 75-125 | 4 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:06** | **140730S05** |
| **C18D19** | **Matrix Spike** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:07** | **140730S05** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 15:08** | **140730S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 8.371 | 33 | 7.524 | 30 | 50-115 | 11 | 0-20 | 3 |
| Arsenic | ND | 25.00 | 26.33 | 105 | 24.22 | 97 | 75-125 | 8 | 0-20 | |
| Barium | 93.78 | 25.00 | 119.7 | 104 | 118.9 | 100 | 75-125 | 1 | 0-20 | |
| Beryllium | ND | 25.00 | 25.75 | 103 | 24.85 | 99 | 75-125 | 4 | 0-20 | |
| Cadmium | ND | 25.00 | 23.15 | 93 | 22.52 | 90 | 75-125 | 3 | 0-20 | |
| Chromium | 6.191 | 25.00 | 30.16 | 96 | 29.62 | 94 | 75-125 | 2 | 0-20 | |
| Cobalt | 5.961 | 25.00 | 31.28 | 101 | 29.63 | 95 | 75-125 | 5 | 0-20 | |
| Copper | 31.68 | 25.00 | 59.46 | 111 | 54.24 | 90 | 75-125 | 9 | 0-20 | |
| Lead | 13.89 | 25.00 | 37.45 | 94 | 35.65 | 87 | 75-125 | 5 | 0-20 | |
| Molybdenum | 0.5016 | 25.00 | 25.10 | 98 | 23.68 | 93 | 75-125 | 6 | 0-20 | |
| Nickel | 6.274 | 25.00 | 30.17 | 96 | 28.42 | 89 | 75-125 | 6 | 0-20 | |
| Selenium | ND | 25.00 | 24.27 | 97 | 22.34 | 89 | 75-125 | 8 | 0-20 | |
| Silver | 0.3130 | 12.50 | 13.59 | 106 | 13.13 | 103 | 75-125 | 3 | 0-20 | |
| Thallium | ND | 25.00 | 21.24 | 85 | 20.23 | 81 | 75-125 | 5 | 0-20 | |
| Vanadium | 14.15 | 25.00 | 39.24 | 100 | 39.14 | 100 | 75-125 | 0 | 0-20 | |
| Zinc | 50.15 | 25.00 | 71.53 | 86 | 70.20 | 80 | 75-125 | 2 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G19H20** | **Sample** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:17** | **140731S03** |
| **G19H20** | **Matrix Spike** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:19** | **140731S03** |
| **G19H20** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 19:21** | **140731S03** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9092 | 109 | 0.7792 | 93 | 80-120 | 15 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:39** | **140731S04** |
| **C18D19** | **Matrix Spike** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:41** | **140731S04** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 20:43** | **140731S04** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.6000 | 72 | 0.7609 | 91 | 80-120 | 24 | 0-15 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 01:46** | **140730S01** |
| **C18D19** | **Matrix Spike** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 02:04** | **140730S01** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 02:57** | **140730S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 101.5 | 101 | 105.6 | 106 | 50-135 | 4 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 399.0 | 399 | 392.5 | 393 | 50-135 | 2 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G19H20** | **Sample** | **Concrete** | **GC 66** | **07/30/14** | **07/31/14 18:20** | **140730S03** |
| **G19H20** | **Matrix Spike** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 00:35** | **140730S03** |
| **G19H20** | **Matrix Spike Duplicate** | **Concrete** | **GC 66** | **07/30/14** | **08/01/14 00:53** | **140730S03** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 112.0 | 112 | 115.4 | 115 | 50-135 | 3 | 0-20 | |
| Aroclor-1260 | 159.1 | 100.0 | 351.4 | 192 | 350.4 | 191 | 50-135 | 0 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **GC/MS TT** | **08/05/14** | **08/06/14 18:32** | **140805S09** |
| **C18D19** | **Matrix Spike** | **Concrete** | **GC/MS TT** | **08/05/14** | **08/06/14 18:51** | **140805S09** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS TT** | **08/05/14** | **08/06/14 19:09** | **140805S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.229 | 92 | 8.956 | 90 | 34-148 | 3 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.275 | 93 | 8.937 | 89 | 53-120 | 4 | 0-20 | |
| Aniline | ND | 10.00 | 6.825 | 68 | 7.288 | 73 | 80-120 | 7 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 9.140 | 91 | 8.843 | 88 | 80-120 | 3 | 0-20 | |
| Azobenzene | ND | 10.00 | 8.434 | 84 | 9.048 | 90 | 80-120 | 7 | 0-20 | |
| Benzidine | ND | 10.00 | 10.79 | 108 | 12.05 | 121 | 80-120 | 11 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 9.184 | 92 | 9.037 | 90 | 80-120 | 2 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 11.14 | 111 | 10.78 | 108 | 80-120 | 3 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 9.493 | 95 | 9.327 | 93 | 80-120 | 2 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 10.68 | 107 | 10.34 | 103 | 80-120 | 3 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 9.538 | 95 | 9.134 | 91 | 80-120 | 4 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 0.7426 | 7 | 0.7408 | 7 | 80-120 | 0 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 9.765 | 98 | 9.313 | 93 | 80-120 | 5 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 9.115 | 91 | 8.928 | 89 | 80-120 | 2 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 9.226 | 92 | 8.594 | 86 | 80-120 | 7 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 9.708 | 97 | 9.143 | 91 | 80-120 | 6 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 9.396 | 94 | 9.350 | 93 | 80-120 | 0 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 8.575 | 86 | 8.386 | 84 | 80-120 | 2 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.128 | 91 | 9.038 | 90 | 15-189 | 1 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 3.762 | 38 | 3.685 | 37 | 32-120 | 2 | 0-20 | |
| 4-Chloroaniline | ND | 10.00 | 7.470 | 75 | 7.938 | 79 | 80-120 | 6 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 9.046 | 90 | 8.648 | 86 | 80-120 | 4 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.3551 | 4 | 0.2772 | 3 | 53-120 | 25 | 0-20 | 3,4 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 9.157 | 92 | 8.884 | 89 | 80-120 | 3 | 0-20 | |
| Chrysene | ND | 10.00 | 9.093 | 91 | 8.888 | 89 | 80-120 | 2 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 9.605 | 96 | 9.358 | 94 | 80-120 | 3 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 10.16 | 102 | 9.926 | 99 | 80-120 | 2 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 10.90 | 109 | 10.52 | 105 | 80-120 | 4 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 9.411 | 94 | 9.216 | 92 | 80-120 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 9.016 | 90 | 8.457 | 85 | 80-120 | 6 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 9.076 | 91 | 8.311 | 83 | 80-120 | 9 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 9.148 | 91 | 8.438 | 84 | 43-120 | 8 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 6.401 | 64 | 6.942 | 69 | 80-120 | 8 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 9.457 | 95 | 9.191 | 92 | 80-120 | 3 | 0-20 | |
| Dimethyl Phthalate | ND | 10.00 | 8.691 | 87 | 8.433 | 84 | 44-122 | 3 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 7.519 | 75 | 7.309 | 73 | 80-120 | 3 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 0.7407 | 7 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.570 | 96 | 9.321 | 93 | 28-120 | 3 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 10.07 | 101 | 9.675 | 97 | 80-120 | 4 | 0-20 | |
| Fluoranthene | ND | 10.00 | 9.466 | 95 | 9.243 | 92 | 80-120 | 2 | 0-20 | |
| Fluorene | ND | 10.00 | 9.216 | 92 | 8.940 | 89 | 12-186 | 3 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 9.148 | 91 | 8.835 | 88 | 80-120 | 3 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 8.552 | 86 | 8.472 | 85 | 80-120 | 1 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 5.792 | 58 | 5.420 | 54 | 80-120 | 7 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 9.107 | 91 | 8.370 | 84 | 80-120 | 8 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 11.04 | 110 | 10.79 | 108 | 80-120 | 2 | 0-20 | |
| Isophorone | ND | 10.00 | 9.129 | 91 | 9.023 | 90 | 80-120 | 1 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.373 | 94 | 9.244 | 92 | 80-120 | 1 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 8.890 | 89 | 8.938 | 89 | 80-120 | 1 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 7.935 | 79 | 7.683 | 77 | 80-120 | 3 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 12.27 | 61 | 12.07 | 60 | 80-120 | 2 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 9.152 | 92 | 8.799 | 88 | 38-140 | 4 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 9.108 | 91 | 8.576 | 86 | 80-120 | 6 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 10.00 | 10.35 | 103 | 10.00 | 100 | 80-120 | 3 | 0-20 | |
| Naphthalene | ND | 10.00 | 9.038 | 90 | 8.750 | 88 | 20-140 | 3 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 10.09 | 101 | 9.812 | 98 | 80-120 | 3 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.347 | 93 | 9.201 | 92 | 80-120 | 2 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 9.794 | 98 | 9.637 | 96 | 80-120 | 2 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 9.110 | 91 | 8.809 | 88 | 80-120 | 3 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0.5106 | 5 | 0.5009 | 5 | 14-128 | 2 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 10-124 | 0 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.302 | 93 | 8.914 | 89 | 80-120 | 4 | 0-20 | |
| Phenol | ND | 10.00 | 4.015 | 40 | 3.847 | 38 | 22-124 | 4 | 0-20 | |
| Pyrene | ND | 10.00 | 8.587 | 86 | 8.441 | 84 | 31-169 | 2 | 0-20 | |
| Pyridine | ND | 10.00 | 10.76 | 108 | 9.863 | 99 | 80-120 | 9 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 8.948 | 89 | 8.824 | 88 | 56-120 | 1 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **F21G22** | **Sample** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 19:42** | **140805S08** |
| **F21G22** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 22:59** | **140805S08** |
| **F21G22** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/05/14** | **08/06/14 23:17** | **140805S08** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.111 | 91 | 9.319 | 93 | 34-148 | 2 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.066 | 91 | 9.302 | 93 | 53-120 | 3 | 0-20 | |
| Aniline | ND | 10.00 | 6.983 | 70 | 6.674 | 67 | 80-120 | 5 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 9.133 | 91 | 9.273 | 93 | 80-120 | 2 | 0-20 | |
| Azobenzene | ND | 10.00 | 9.305 | 93 | 9.651 | 97 | 80-120 | 4 | 0-20 | |
| Benzidine | ND | 10.00 | 12.63 | 126 | 12.62 | 126 | 80-120 | 0 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 9.284 | 93 | 9.582 | 96 | 80-120 | 3 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 9.637 | 96 | 10.04 | 100 | 80-120 | 4 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 8.706 | 87 | 10.13 | 101 | 80-120 | 15 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 9.892 | 99 | 10.38 | 104 | 80-120 | 5 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 8.637 | 86 | 8.436 | 84 | 80-120 | 2 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 3.301 | 33 | 3.336 | 33 | 80-120 | 1 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 8.915 | 89 | 8.899 | 89 | 80-120 | 0 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 8.310 | 83 | 8.794 | 88 | 80-120 | 6 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 8.475 | 85 | 8.686 | 87 | 80-120 | 2 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 10.66 | 107 | 11.01 | 110 | 80-120 | 3 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 8.930 | 89 | 9.413 | 94 | 80-120 | 5 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 8.031 | 80 | 8.466 | 85 | 80-120 | 5 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.267 | 93 | 9.589 | 96 | 15-189 | 3 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 3.494 | 35 | 3.579 | 36 | 32-120 | 2 | 0-20 | |
| 4-Chloroaniline | ND | 10.00 | 7.313 | 73 | 7.192 | 72 | 80-120 | 2 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 8.784 | 88 | 8.999 | 90 | 80-120 | 2 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.2408 | 2 | 0.2940 | 3 | 53-120 | 20 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 7.435 | 74 | 7.744 | 77 | 80-120 | 4 | 0-20 | 3 |
| Chrysene | ND | 10.00 | 8.982 | 90 | 9.246 | 92 | 80-120 | 3 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 8.489 | 85 | 9.002 | 90 | 80-120 | 6 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 8.930 | 89 | 9.368 | 94 | 80-120 | 5 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 9.738 | 97 | 10.17 | 102 | 80-120 | 4 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 8.663 | 87 | 8.892 | 89 | 80-120 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 8.571 | 86 | 8.843 | 88 | 80-120 | 3 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 8.646 | 86 | 8.943 | 89 | 80-120 | 3 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 8.565 | 86 | 8.792 | 88 | 43-120 | 3 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 6.609 | 66 | 6.724 | 67 | 80-120 | 2 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 7.880 | 79 | 8.267 | 83 | 80-120 | 5 | 0-20 | 3 |
| Dimethyl Phthalate | ND | 10.00 | 7.801 | 78 | 8.191 | 82 | 44-122 | 5 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 7.058 | 71 | 7.409 | 74 | 80-120 | 5 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6279 | 6 | 0.6106 | 6 | 80-120 | 3 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.156 | 12 | 1.147 | 11 | 80-120 | 1 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 8.528 | 85 | 8.731 | 87 | 28-120 | 2 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 8.799 | 88 | 9.017 | 90 | 80-120 | 2 | 0-20 | |
| Fluoranthene | ND | 10.00 | 8.529 | 85 | 8.914 | 89 | 80-120 | 4 | 0-20 | |
| Fluorene | ND | 10.00 | 8.420 | 84 | 8.579 | 86 | 12-186 | 2 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 7.900 | 79 | 8.493 | 85 | 80-120 | 7 | 0-20 | 3 |
| Hexachlorobenzene | ND | 10.00 | 9.057 | 91 | 9.474 | 95 | 80-120 | 4 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 6.875 | 69 | 7.551 | 76 | 80-120 | 9 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 8.645 | 86 | 9.095 | 91 | 80-120 | 5 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 10.15 | 102 | 10.58 | 106 | 80-120 | 4 | 0-20 | |
| Isophorone | ND | 10.00 | 8.201 | 82 | 8.551 | 86 | 80-120 | 4 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.111 | 91 | 9.366 | 94 | 80-120 | 3 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 8.487 | 85 | 8.732 | 87 | 80-120 | 3 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 7.686 | 77 | 7.645 | 76 | 80-120 | 1 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 12.47 | 62 | 12.41 | 62 | 80-120 | 0 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 8.353 | 84 | 8.583 | 86 | 38-140 | 3 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 8.355 | 84 | 8.387 | 84 | 80-120 | 0 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 10.00 | 10.35 | 103 | 10.74 | 107 | 80-120 | 4 | 0-20 | |
| Naphthalene | ND | 10.00 | 8.831 | 88 | 9.692 | 97 | 20-140 | 9 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 9.209 | 92 | 9.219 | 92 | 80-120 | 0 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 8.842 | 88 | 8.872 | 89 | 80-120 | 0 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 9.835 | 98 | 9.908 | 99 | 80-120 | 1 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 8.529 | 85 | 8.690 | 87 | 80-120 | 2 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0.5125 | 5 | 0.5304 | 5 | 14-128 | 3 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.8325 | 8 | 0.9341 | 9 | 10-124 | 12 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.058 | 91 | 9.427 | 94 | 80-120 | 4 | 0-20 | |
| Phenol | ND | 10.00 | 4.359 | 44 | 4.236 | 42 | 22-124 | 3 | 0-20 | |
| Pyrene | ND | 10.00 | 9.907 | 99 | 10.06 | 101 | 31-169 | 1 | 0-20 | |
| Pyridine | ND | 10.00 | 11.87 | 119 | 12.07 | 121 | 80-120 | 2 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 8.270 | 83 | 8.692 | 87 | 56-120 | 5 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1603-21** | **Sample** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 01:40** | **140726S007** |
| **14-07-1603-21** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 02:05** | **140726S007** |
| **14-07-1603-21** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/27/14 02:31** | **140726S007** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 71.23 | 142 | 72.98 | 146 | 70-130 | 2 | 0-20 | 3 |
| Benzene | ND | 50.00 | 40.57 | 81 | 40.99 | 82 | 61-127 | 1 | 0-20 | |
| Bromobenzene | ND | 50.00 | 27.10 | 54 | 27.50 | 55 | 70-130 | 1 | 0-20 | 3 |
| Bromochloromethane | ND | 50.00 | 43.45 | 87 | 43.73 | 87 | 70-130 | 1 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 14.88 | 30 | 15.13 | 30 | 70-130 | 2 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 23.28 | 47 | 24.58 | 49 | 70-130 | 5 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 43.17 | 86 | 46.13 | 92 | 70-130 | 7 | 0-20 | |
| 2-Butanone | ND | 50.00 | 52.73 | 105 | 52.61 | 105 | 70-130 | 0 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 13.89 | 28 | 12.48 | 25 | 77-123 | 11 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 17.09 | 34 | 15.51 | 31 | 70-130 | 10 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 18.06 | 36 | 16.60 | 33 | 70-130 | 8 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 23.68 | 47 | 22.88 | 46 | 70-130 | 3 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 32.15 | 64 | 32.79 | 66 | 51-135 | 2 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 32.11 | 64 | 32.26 | 65 | 57-123 | 0 | 0-20 | |
| Chloroethane | ND | 50.00 | 49.13 | 98 | 51.48 | 103 | 70-130 | 5 | 0-20 | |
| Chloroform | ND | 50.00 | 43.26 | 87 | 43.93 | 88 | 70-130 | 2 | 0-20 | |
| Chloromethane | ND | 50.00 | 38.61 | 77 | 40.74 | 81 | 70-130 | 5 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 24.71 | 49 | 23.84 | 48 | 70-130 | 4 | 0-20 | 3 |
| 4-Chlorotoluene | ND | 50.00 | 25.33 | 51 | 25.09 | 50 | 70-130 | 1 | 0-20 | 3 |
| Dibromochloromethane | ND | 50.00 | 17.03 | 34 | 18.03 | 36 | 70-130 | 6 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 0.2844 | 1 | 0.08780 | 0 | 70-130 | 106 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 37.21 | 74 | 38.14 | 76 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 42.65 | 85 | 44.08 | 88 | 70-130 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 22.78 | 46 | 23.37 | 47 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 21.81 | 44 | 21.82 | 44 | 70-130 | 0 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 50.00 | 21.90 | 44 | 22.20 | 44 | 70-130 | 1 | 0-20 | 3 |
| Dichlorodifluoromethane | ND | 50.00 | 38.04 | 76 | 38.98 | 78 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 43.63 | 87 | 44.36 | 89 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 44.63 | 89 | 45.75 | 92 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 77.70 | 155 | 78.94 | 158 | 47-143 | 2 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 43.05 | 86 | 43.96 | 88 | 70-130 | 2 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 43.61 | 87 | 44.11 | 88 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 41.17 | 82 | 41.62 | 83 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 41.36 | 83 | 42.23 | 84 | 70-130 | 2 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 32.15 | 64 | 33.05 | 66 | 70-130 | 3 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 39.86 | 80 | 39.50 | 79 | 70-130 | 1 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 31.29 | 63 | 33.28 | 67 | 70-130 | 6 | 0-20 | 3 |
| t-1,3-Dichloropropene | ND | 50.00 | 31.24 | 62 | 32.67 | 65 | 70-130 | 4 | 0-20 | 3 |
| Ethylbenzene | ND | 50.00 | 30.28 | 61 | 29.70 | 59 | 57-129 | 2 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 49.38 | 99 | 50.35 | 101 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 24.82 | 50 | 23.44 | 47 | 70-130 | 6 | 0-20 | 3 |
| p-Isopropyltoluene | ND | 50.00 | 16.11 | 32 | 14.48 | 29 | 70-130 | 11 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 43.84 | 88 | 44.69 | 89 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 43.33 | 87 | 43.95 | 88 | 70-130 | 1 | 0-20 | |
| Naphthalene | ND | 50.00 | 18.35 | 37 | 19.61 | 39 | 70-130 | 7 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 22.53 | 45 | 20.85 | 42 | 70-130 | 8 | 0-20 | 3 |
| Styrene | ND | 50.00 | 29.22 | 58 | 29.37 | 59 | 70-130 | 1 | 0-20 | 3 |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 19.19 | 38 | 19.88 | 40 | 70-130 | 4 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.6967 | 1 | 0.7871 | 2 | 70-130 | 12 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 39.37 | 79 | 37.72 | 75 | 70-130 | 4 | 0-20 | |
| Toluene | ND | 50.00 | 36.41 | 73 | 36.42 | 73 | 63-123 | 0 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 10.37 | 21 | 10.67 | 21 | 70-130 | 3 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 10.37 | 21 | 10.50 | 21 | 70-130 | 1 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 37.38 | 75 | 38.48 | 77 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 0.8715 | 2 | 0.7663 | 2 | 70-130 | 13 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 33.49 | 67 | 32.54 | 65 | 70-130 | 3 | 0-20 | 3 |
| Trichloroethene | ND | 50.00 | 73.75 | 148 | 74.81 | 150 | 44-158 | 1 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 23.40 | 47 | 25.00 | 50 | 70-130 | 7 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 29.67 | 59 | 28.20 | 56 | 70-130 | 5 | 0-20 | 3 |
| Trichlorofluoromethane | ND | 50.00 | 45.63 | 91 | 47.42 | 95 | 70-130 | 4 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 20.54 | 41 | 18.87 | 38 | 70-130 | 8 | 0-20 | 3 |
| Vinyl Acetate | ND | 50.00 | 1.532 | 3 | 0.1373 | 0 | 70-130 | 167 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 49.93 | 100 | 50.24 | 100 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 57.86 | 58 | 56.26 | 56 | 70-130 | 3 | 0-20 | 3 |
| o-Xylene | ND | 50.00 | 28.59 | 57 | 28.16 | 56 | 70-130 | 2 | 0-20 | 3 |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 41.78 | 84 | 42.82 | 86 | 57-123 | 2 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **E13F14** | **Sample** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 14:57** | **140728S004** |
| **E13F14** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 15:23** | **140728S004** |
| **E13F14** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/28/14 15:49** | **140728S004** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 108.4 | 217 | 108.0 | 216 | 70-130 | 0 | 0-20 | 3 |
| Benzene | ND | 50.00 | 48.04 | 96 | 45.15 | 90 | 61-127 | 6 | 0-20 | |
| Bromobenzene | ND | 50.00 | 42.98 | 86 | 39.22 | 78 | 70-130 | 9 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 52.22 | 104 | 50.05 | 100 | 70-130 | 4 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 44.70 | 89 | 40.01 | 80 | 70-130 | 11 | 0-20 | |
| Bromoform | ND | 50.00 | 46.80 | 94 | 43.57 | 87 | 70-130 | 7 | 0-20 | |
| Bromomethane | ND | 50.00 | 42.57 | 85 | 44.16 | 88 | 70-130 | 4 | 0-20 | |
| 2-Butanone | ND | 50.00 | 67.06 | 134 | 65.99 | 132 | 70-130 | 2 | 0-20 | 3 |
| n-Butylbenzene | 15.96 | 50.00 | 44.26 | 57 | 44.71 | 57 | 77-123 | 1 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 35.65 | 71 | 32.71 | 65 | 70-130 | 9 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 34.69 | 69 | 32.34 | 65 | 70-130 | 7 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 38.63 | 77 | 33.16 | 66 | 70-130 | 15 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 45.19 | 90 | 42.05 | 84 | 51-135 | 7 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 46.10 | 92 | 41.85 | 84 | 57-123 | 10 | 0-20 | |
| Chloroethane | ND | 50.00 | 57.74 | 115 | 55.56 | 111 | 70-130 | 4 | 0-20 | |
| Chloroform | ND | 50.00 | 52.76 | 106 | 49.95 | 100 | 70-130 | 5 | 0-20 | |
| Chloromethane | ND | 50.00 | 45.47 | 91 | 44.13 | 88 | 70-130 | 3 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 41.94 | 84 | 38.11 | 76 | 70-130 | 10 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 42.90 | 86 | 39.16 | 78 | 70-130 | 9 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 46.08 | 92 | 41.29 | 83 | 70-130 | 11 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 41.03 | 82 | 31.33 | 63 | 70-130 | 27 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 50.06 | 100 | 46.87 | 94 | 64-124 | 7 | 0-20 | |
| Dibromomethane | ND | 50.00 | 52.38 | 105 | 50.22 | 100 | 70-130 | 4 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 42.30 | 85 | 38.02 | 76 | 35-131 | 11 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 40.46 | 81 | 36.20 | 72 | 70-130 | 11 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 40.36 | 81 | 36.43 | 73 | 70-130 | 10 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 54.36 | 109 | 50.72 | 101 | 70-130 | 7 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 50.54 | 101 | 48.51 | 97 | 70-130 | 4 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 52.87 | 106 | 49.67 | 99 | 70-130 | 6 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 62.23 | 124 | 64.54 | 129 | 47-143 | 4 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 51.50 | 103 | 48.82 | 98 | 70-130 | 5 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 52.65 | 105 | 49.09 | 98 | 70-130 | 7 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 48.96 | 98 | 46.35 | 93 | 79-115 | 5 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 50.66 | 101 | 48.25 | 96 | 70-130 | 5 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 46.66 | 93 | 44.37 | 89 | 70-130 | 5 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 50.65 | 101 | 46.64 | 93 | 70-130 | 8 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 46.98 | 94 | 44.36 | 89 | 70-130 | 6 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 48.57 | 97 | 44.96 | 90 | 70-130 | 8 | 0-20 | |
| Ethylbenzene | 12.29 | 50.00 | 54.18 | 84 | 51.23 | 78 | 57-129 | 6 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 60.62 | 121 | 58.05 | 116 | 70-130 | 4 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 42.06 | 84 | 38.59 | 77 | 70-130 | 9 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 37.48 | 75 | 35.35 | 71 | 70-130 | 6 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 48.77 | 98 | 47.26 | 95 | 70-130 | 3 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 53.83 | 108 | 54.27 | 109 | 70-130 | 1 | 0-20 | |
| Naphthalene | 91.51 | 50.00 | 113.3 | 43 | 125.1 | 67 | 70-130 | 10 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 40.84 | 82 | 37.54 | 75 | 70-130 | 8 | 0-20 | |
| Styrene | ND | 50.00 | 44.53 | 89 | 40.74 | 81 | 70-130 | 9 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 41.86 | 84 | 37.73 | 75 | 70-130 | 10 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 1.763 | 4 | 1.673 | 3 | 70-130 | 5 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 62.67 | 125 | 57.03 | 114 | 70-130 | 9 | 0-20 | |
| Toluene | 16.26 | 50.00 | 59.70 | 87 | 58.03 | 84 | 63-123 | 3 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 29.29 | 59 | 25.59 | 51 | 70-130 | 13 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 30.41 | 61 | 26.34 | 53 | 70-130 | 14 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 48.16 | 96 | 45.85 | 92 | 70-130 | 5 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 40.67 | 81 | 31.08 | 62 | 70-130 | 27 | 0-20 | 3,4 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 46.59 | 93 | 43.80 | 88 | 70-130 | 6 | 0-20 | |
| Trichloroethene | ND | 50.00 | 86.96 | 174 | 80.56 | 161 | 44-158 | 8 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 48.23 | 96 | 44.33 | 89 | 70-130 | 8 | 0-20 | |
| 1,2,4-Trimethylbenzene | 16.81 | 50.00 | 53.58 | 74 | 52.66 | 72 | 70-130 | 2 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 59.87 | 120 | 55.85 | 112 | 70-130 | 7 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 39.27 | 79 | 36.17 | 72 | 70-130 | 8 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.5914 | 1 | 0.7546 | 2 | 70-130 | 24 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 59.01 | 118 | 56.67 | 113 | 49-139 | 4 | 0-47 | |
| p/m-Xylene | 51.08 | 100.0 | 124.4 | 73 | 121.5 | 70 | 70-130 | 2 | 0-20 | |
| o-Xylene | 21.24 | 50.00 | 60.34 | 78 | 58.41 | 74 | 70-130 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 48.59 | 97 | 47.36 | 95 | 57-123 | 3 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 02:11** | **140728S023** |
| **C18D19** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 02:37** | **140728S023** |
| **C18D19** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/26/14** | **07/29/14 03:03** | **140728S023** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 87.41 | 175 | 85.50 | 171 | 70-130 | 2 | 0-20 | 3 |
| Benzene | ND | 50.00 | 44.18 | 88 | 43.29 | 87 | 61-127 | 2 | 0-20 | |
| Bromobenzene | ND | 50.00 | 41.35 | 83 | 40.30 | 81 | 70-130 | 3 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 45.06 | 90 | 42.60 | 85 | 70-130 | 6 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 19.62 | 39 | 18.38 | 37 | 70-130 | 7 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 27.94 | 56 | 29.21 | 58 | 70-130 | 4 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 53.34 | 107 | 44.73 | 89 | 70-130 | 18 | 0-20 | |
| 2-Butanone | ND | 50.00 | 52.32 | 105 | 50.75 | 101 | 70-130 | 3 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 40.75 | 82 | 37.61 | 75 | 77-123 | 8 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 40.17 | 80 | 38.25 | 77 | 70-130 | 5 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 37.99 | 76 | 36.29 | 73 | 70-130 | 5 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 29.15 | 58 | 25.46 | 51 | 70-130 | 14 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 41.52 | 83 | 41.91 | 84 | 51-135 | 1 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 42.29 | 85 | 42.16 | 84 | 57-123 | 0 | 0-20 | |
| Chloroethane | ND | 50.00 | 51.96 | 104 | 51.40 | 103 | 70-130 | 1 | 0-20 | |
| Chloroform | ND | 50.00 | 45.75 | 91 | 44.99 | 90 | 70-130 | 2 | 0-20 | |
| Chloromethane | ND | 50.00 | 43.01 | 86 | 41.96 | 84 | 70-130 | 2 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 42.57 | 85 | 40.70 | 81 | 70-130 | 5 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 41.28 | 83 | 39.64 | 79 | 70-130 | 4 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 22.28 | 45 | 21.76 | 44 | 70-130 | 2 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 0.3529 | 1 | 0.7279 | 1 | 70-130 | 69 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 41.63 | 83 | 41.34 | 83 | 64-124 | 1 | 0-20 | |
| Dibromomethane | ND | 50.00 | 44.45 | 89 | 44.27 | 89 | 70-130 | 0 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 38.66 | 77 | 37.93 | 76 | 35-131 | 2 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 38.28 | 77 | 37.12 | 74 | 70-130 | 3 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 38.73 | 77 | 36.81 | 74 | 70-130 | 5 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 47.05 | 94 | 46.62 | 93 | 70-130 | 1 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 44.68 | 89 | 43.65 | 87 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 46.40 | 93 | 45.17 | 90 | 70-130 | 3 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 83.20 | 166 | 81.72 | 163 | 47-143 | 2 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 44.84 | 90 | 43.58 | 87 | 70-130 | 3 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 46.68 | 93 | 45.16 | 90 | 70-130 | 3 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 44.40 | 89 | 43.79 | 88 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 44.07 | 88 | 43.46 | 87 | 70-130 | 1 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 37.43 | 75 | 36.90 | 74 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 48.33 | 97 | 46.78 | 94 | 70-130 | 3 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 36.23 | 72 | 36.53 | 73 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 35.44 | 71 | 36.51 | 73 | 70-130 | 3 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 44.39 | 89 | 43.73 | 87 | 57-129 | 1 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 46.25 | 92 | 45.70 | 91 | 70-130 | 1 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 44.07 | 88 | 42.71 | 85 | 70-130 | 3 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 39.84 | 80 | 37.58 | 75 | 70-130 | 6 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 45.22 | 90 | 43.07 | 86 | 70-130 | 5 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 47.30 | 95 | 46.65 | 93 | 70-130 | 1 | 0-20 | |
| Naphthalene | ND | 50.00 | 39.88 | 80 | 36.54 | 73 | 70-130 | 9 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 44.23 | 88 | 41.89 | 84 | 70-130 | 5 | 0-20 | |
| Styrene | ND | 50.00 | 43.23 | 86 | 41.56 | 83 | 70-130 | 4 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 25.27 | 51 | 25.65 | 51 | 70-130 | 1 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.7770 | 2 | 0.8374 | 2 | 70-130 | 7 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 60.23 | 120 | 60.09 | 120 | 70-130 | 0 | 0-20 | |
| Toluene | ND | 50.00 | 46.03 | 92 | 45.18 | 90 | 63-123 | 2 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 30.07 | 60 | 27.51 | 55 | 70-130 | 9 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 31.21 | 62 | 28.44 | 57 | 70-130 | 9 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 44.36 | 89 | 43.59 | 87 | 70-130 | 2 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 1.930 | 4 | 1.612 | 3 | 70-130 | 18 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 45.33 | 91 | 44.51 | 89 | 70-130 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 89.14 | 178 | 89.60 | 179 | 44-158 | 1 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 29.26 | 59 | 28.70 | 57 | 70-130 | 2 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 43.02 | 86 | 39.59 | 79 | 70-130 | 8 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 55.43 | 111 | 55.77 | 112 | 70-130 | 1 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 43.77 | 88 | 40.37 | 81 | 70-130 | 8 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.7560 | 2 | 0.6725 | 1 | 70-130 | 12 | 0-20 | 3 |
| Vinyl Chloride | ND | 50.00 | 52.18 | 104 | 52.71 | 105 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 88.75 | 89 | 86.30 | 86 | 70-130 | 3 | 0-20 | |
| o-Xylene | ND | 50.00 | 44.09 | 88 | 42.15 | 84 | 70-130 | 5 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 41.17 | 82 | 39.94 | 80 | 57-123 | 3 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1808-1** | **Sample** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 16:13** | **140729S015** |
| **14-07-1808-1** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 17:06** | **140729S015** |
| **14-07-1808-1** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 17:32** | **140729S015** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 66.98 | 134 | 67.13 | 134 | 70-130 | 0 | 0-20 | 3 |
| Benzene | ND | 50.00 | 45.57 | 91 | 44.45 | 89 | 61-127 | 2 | 0-20 | |
| Bromobenzene | ND | 50.00 | 41.24 | 82 | 41.33 | 83 | 70-130 | 0 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 49.27 | 99 | 47.00 | 94 | 70-130 | 5 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 39.76 | 80 | 37.63 | 75 | 70-130 | 5 | 0-20 | |
| Bromoform | ND | 50.00 | 43.07 | 86 | 40.99 | 82 | 70-130 | 5 | 0-20 | |
| Bromomethane | ND | 50.00 | 39.22 | 78 | 39.16 | 78 | 70-130 | 0 | 0-20 | |
| 2-Butanone | ND | 50.00 | 59.11 | 118 | 58.18 | 116 | 70-130 | 2 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 32.73 | 65 | 32.58 | 65 | 77-123 | 0 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 33.90 | 68 | 33.68 | 67 | 70-130 | 1 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 33.37 | 67 | 32.62 | 65 | 70-130 | 2 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 35.16 | 70 | 33.89 | 68 | 70-130 | 4 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 42.07 | 84 | 41.14 | 82 | 51-135 | 2 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 43.15 | 86 | 42.93 | 86 | 57-123 | 1 | 0-20 | |
| Chloroethane | ND | 50.00 | 53.34 | 107 | 50.55 | 101 | 70-130 | 5 | 0-20 | |
| Chloroform | ND | 50.00 | 49.51 | 99 | 47.67 | 95 | 70-130 | 4 | 0-20 | |
| Chloromethane | ND | 50.00 | 40.68 | 81 | 41.65 | 83 | 70-130 | 2 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 39.08 | 78 | 39.75 | 80 | 70-130 | 2 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 40.75 | 81 | 39.49 | 79 | 70-130 | 3 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 40.77 | 82 | 39.51 | 79 | 70-130 | 3 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 23.40 | 47 | 17.82 | 36 | 70-130 | 27 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 46.95 | 94 | 46.80 | 94 | 64-124 | 0 | 0-20 | |
| Dibromomethane | ND | 50.00 | 50.27 | 101 | 48.97 | 98 | 70-130 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 41.06 | 82 | 39.95 | 80 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 38.27 | 77 | 38.02 | 76 | 70-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 38.67 | 77 | 38.11 | 76 | 70-130 | 1 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 47.31 | 95 | 46.04 | 92 | 70-130 | 3 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 46.76 | 94 | 45.12 | 90 | 70-130 | 4 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 50.57 | 101 | 49.55 | 99 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 65.23 | 130 | 65.84 | 132 | 47-143 | 1 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 47.23 | 94 | 45.53 | 91 | 70-130 | 4 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 48.40 | 97 | 46.34 | 93 | 70-130 | 4 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 45.95 | 92 | 45.15 | 90 | 79-115 | 2 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 48.17 | 96 | 47.23 | 94 | 70-130 | 2 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 40.42 | 81 | 40.21 | 80 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 47.69 | 95 | 46.23 | 92 | 70-130 | 3 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 44.00 | 88 | 42.82 | 86 | 70-130 | 3 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 42.77 | 86 | 42.93 | 86 | 70-130 | 0 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 42.81 | 86 | 42.62 | 85 | 57-129 | 0 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 54.71 | 109 | 54.46 | 109 | 70-130 | 0 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 39.63 | 79 | 39.82 | 80 | 70-130 | 0 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 33.21 | 66 | 32.78 | 66 | 70-130 | 1 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 45.75 | 91 | 45.00 | 90 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 49.51 | 99 | 51.05 | 102 | 70-130 | 3 | 0-20 | |
| Naphthalene | ND | 50.00 | 37.16 | 74 | 37.76 | 76 | 70-130 | 2 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 38.44 | 77 | 38.80 | 78 | 70-130 | 1 | 0-20 | |
| Styrene | ND | 50.00 | 42.23 | 84 | 42.19 | 84 | 70-130 | 0 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 37.52 | 75 | 37.01 | 74 | 70-130 | 1 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 1.300 | 3 | 1.193 | 2 | 70-130 | 9 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 57.74 | 115 | 57.56 | 115 | 70-130 | 0 | 0-20 | |
| Toluene | ND | 50.00 | 46.10 | 92 | 45.24 | 90 | 63-123 | 2 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 27.86 | 56 | 27.84 | 56 | 70-130 | 0 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 28.54 | 57 | 28.63 | 57 | 70-130 | 0 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 44.93 | 90 | 43.62 | 87 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 28.05 | 56 | 23.28 | 47 | 70-130 | 19 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 44.49 | 89 | 42.90 | 86 | 70-130 | 4 | 0-20 | |
| Trichloroethene | ND | 50.00 | 83.15 | 166 | 81.06 | 162 | 44-158 | 3 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 43.65 | 87 | 42.44 | 85 | 70-130 | 3 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 41.40 | 83 | 40.86 | 82 | 70-130 | 1 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 56.34 | 113 | 54.12 | 108 | 70-130 | 4 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 35.98 | 72 | 37.01 | 74 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.6308 | 1 | 1.682 | 3 | 70-130 | 91 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 54.22 | 108 | 51.52 | 103 | 49-139 | 5 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 83.52 | 84 | 83.26 | 83 | 70-130 | 0 | 0-20 | |
| o-Xylene | ND | 50.00 | 41.48 | 83 | 41.78 | 84 | 70-130 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 45.11 | 90 | 43.90 | 88 | 57-123 | 3 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **G19H20** | **Sample** | **Concrete** | **ICP 7300** | **07/30/14 00:00** | **07/31/14 14:54** | **140730S04** |
| **G19H20** | **PDS** | **Concrete** | **ICP 7300** | **07/30/14 00:00** | **07/31/14 15:03** | **140730S04** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 22.82 | 91 | 75-125 | |
| Arsenic | ND | 25.00 | 26.97 | 108 | 75-125 | |
| Barium | 84.03 | 25.00 | 110.5 | 106 | 75-125 | |
| Beryllium | ND | 25.00 | 26.83 | 107 | 75-125 | |
| Cadmium | ND | 25.00 | 24.06 | 96 | 75-125 | |
| Chromium | 7.057 | 25.00 | 32.43 | 101 | 75-125 | |
| Cobalt | 4.906 | 25.00 | 30.74 | 103 | 75-125 | |
| Copper | 21.68 | 25.00 | 47.54 | 103 | 75-125 | |
| Lead | 8.449 | 25.00 | 32.11 | 95 | 75-125 | |
| Molybdenum | 0.2901 | 25.00 | 25.64 | 101 | 75-125 | |
| Nickel | 6.609 | 25.00 | 30.82 | 97 | 75-125 | |
| Selenium | ND | 25.00 | 22.97 | 92 | 75-125 | |
| Silver | ND | 12.50 | 12.91 | 103 | 75-125 | |
| Thallium | ND | 25.00 | 21.10 | 84 | 75-125 | |
| Vanadium | 16.77 | 25.00 | 43.31 | 106 | 75-125 | |
| Zinc | 41.76 | 25.00 | 63.53 | 87 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **ICP 7300** | **07/30/14 00:00** | **07/31/14 15:06** | **140730S05** |
| **C18D19** | **PDS** | **Concrete** | **ICP 7300** | **07/30/14 00:00** | **07/31/14 15:10** | **140730S05** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 23.31 | 93 | 75-125 | |
| Arsenic | ND | 25.00 | 26.71 | 107 | 75-125 | |
| Barium | 93.78 | 25.00 | 117.8 | 96 | 75-125 | |
| Beryllium | ND | 25.00 | 26.74 | 107 | 75-125 | |
| Cadmium | ND | 25.00 | 23.73 | 95 | 75-125 | |
| Chromium | 6.191 | 25.00 | 31.30 | 100 | 75-125 | |
| Cobalt | 5.961 | 25.00 | 31.31 | 101 | 75-125 | |
| Copper | 31.68 | 25.00 | 57.55 | 103 | 75-125 | |
| Lead | 13.89 | 25.00 | 37.51 | 94 | 75-125 | |
| Molybdenum | 0.5016 | 25.00 | 25.63 | 100 | 75-125 | |
| Nickel | 6.274 | 25.00 | 29.83 | 94 | 75-125 | |
| Selenium | ND | 25.00 | 23.29 | 93 | 75-125 | |
| Silver | 0.3130 | 12.50 | 12.80 | 100 | 75-125 | |
| Thallium | ND | 25.00 | 21.71 | 87 | 75-125 | |
| Vanadium | 14.15 | 25.00 | 40.27 | 104 | 75-125 | |
| Zinc | 50.15 | 25.00 | 71.89 | 87 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **G19H20** | **Sample** | **Concrete** | **Mercury 05** | **07/31/14 00:00** | **07/31/14 19:17** | **140731S03** |
| **G19H20** | **PDS** | **Concrete** | **Mercury 05** | **07/31/14 00:00** | **07/31/14 19:23** | **140731S03** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9950 | 119 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **C18D19** | **Sample** | **Concrete** | **Mercury 05** | **07/31/14 00:00** | **07/31/14 20:39** | **140731S04** |
| **C18D19** | **PDS** | **Concrete** | **Mercury 05** | **07/31/14 00:00** | **07/31/14 20:46** | **140731S04** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9096 | 109 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2690** | **LCS** | **Solid** | **IC 11** | **07/28/14** | **07/28/14 21:05** | **140728L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19360 | 97 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3060A
Method: EPA 7199



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2691** | **LCS** | **Solid** | **IC 11** | **07/28/14** | **07/29/14 00:14** | **140728L02P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 21150 | 106 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3550B
Method: EPA 8015B (M)



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1050** | **LCS** | **Solid** | **GC 46** | **07/28/14** | **07/29/14 02:02** | **140728B02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 377.5 | 94 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

| | |
|---|---|
| Haley & Aldrich, Inc. | Date Received: 07/24/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: 14-07-1690 |
| Costa Mesa, CA 92626-3453 | Preparation: EPA 3550B |
| | Method: EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 |  |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1049** | **LCS** | **Solid** | **GC 46** | **07/28/14** | **07/28/14 18:13** | **140728B14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 395.3 | 99 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18676** | **LCS** | **Solid** | **ICP 7300** | **07/30/14** | **07/31/14 14:48** | **140730L04** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 27.66 | 111 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 25.92 | 104 | 80-120 | 73-127 | |
| Barium | 25.00 | 27.33 | 109 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.95 | 104 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.69 | 107 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.94 | 108 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 29.69 | 119 | 80-120 | 73-127 | |
| Copper | 25.00 | 26.99 | 108 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.95 | 108 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 26.56 | 106 | 80-120 | 73-127 | |
| Nickel | 25.00 | 28.06 | 112 | 80-120 | 73-127 | |
| Selenium | 25.00 | 24.45 | 98 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.12 | 105 | 80-120 | 73-127 | |
| Thallium | 25.00 | 27.18 | 109 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.96 | 108 | 80-120 | 73-127 | |
| Zinc | 25.00 | 27.12 | 108 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18677** | **LCS** | **Solid** | **ICP 7300** | **07/30/14** | **07/31/14 14:50** | **140730L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 28.14 | 113 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 26.07 | 104 | 80-120 | 73-127 | |
| Barium | 25.00 | 27.33 | 109 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 26.39 | 106 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.59 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.70 | 107 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 29.78 | 119 | 80-120 | 73-127 | |
| Copper | 25.00 | 27.17 | 109 | 80-120 | 73-127 | |
| Lead | 25.00 | 27.15 | 109 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 26.68 | 107 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.62 | 110 | 80-120 | 73-127 | |
| Selenium | 25.00 | 24.62 | 98 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.14 | 105 | 80-120 | 73-127 | |
| Thallium | 25.00 | 27.42 | 110 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.79 | 107 | 80-120 | 73-127 | |
| Zinc | 25.00 | 27.07 | 108 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-22** | **LCS** | **Solid** | **Mercury 05** | **07/31/14** | **07/31/14 19:14** | **140731L03D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8453 | 101 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-23** | **LCS** | **Solid** | **Mercury 05** | **07/31/14** | **07/31/14 20:37** | **140731L04D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.7773 | 93 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2775** | **LCS** | **Solid** | **GC 66** | **07/30/14** | **08/01/14 01:28** | **140730L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 63.26 | 63 | 50-135 | |
| Aroclor-1260 | 100.0 | 70.07 | 70 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2774** | **LCS** | **Solid** | **GC 66** | **07/30/14** | **07/31/14 17:09** | **140730L03** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 58.59 | 59 | 50-135 | |
| Aroclor-1260 | 100.0 | 74.30 | 74 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-12** | **LCS** | **Solid** | **GC/MS TT** | **08/05/14** | **08/06/14 18:13** | **140805L09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 9.025 | 90 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 9.426 | 94 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 9.475 | 95 | 52-120 | 41-131 | |
| Aniline | 10.00 | 7.709 | 77 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.838 | 88 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 9.719 | 97 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 8.633 | 86 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.399 | 94 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 11.01 | 110 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 9.504 | 95 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.62 | 106 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 9.431 | 94 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 0.8587 | 9 | 50-130 | 37-143 | X |
| Benzyl Alcohol | 10.00 | 9.942 | 99 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 9.414 | 94 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 9.118 | 91 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 9.866 | 99 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.646 | 96 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.799 | 88 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.445 | 94 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.726 | 97 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 8.086 | 81 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 9.186 | 92 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 9.240 | 92 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 9.200 | 92 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 9.262 | 93 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 9.509 | 95 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 10.28 | 103 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 10.91 | 109 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 9.483 | 95 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 9.157 | 92 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 9.097 | 91 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 9.255 | 93 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 8.376 | 84 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 9.129 | 91 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 9.803 | 98 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 9.312 | 93 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 9.443 | 94 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 6.908 | 69 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 3.692 | 37 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 10.02 | 100 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 10.28 | 103 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 9.571 | 96 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 9.311 | 93 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 9.445 | 94 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.573 | 86 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 6.969 | 70 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 9.251 | 93 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 11.06 | 111 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 9.577 | 96 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.630 | 96 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 9.305 | 93 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 9.632 | 96 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 18.17 | 91 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 9.377 | 94 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 9.267 | 93 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 10.24 | 102 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 9.365 | 94 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 10.29 | 103 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.330 | 93 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 9.990 | 100 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 9.284 | 93 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 7.639 | 76 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 9.054 | 91 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 6.109 | 61 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 9.259 | 93 | 54-120 | 43-131 | |
| Phenol | 10.00 | 9.352 | 94 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 8.974 | 90 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 10.20 | 102 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 9.312 | 93 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.415 | 84 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 8.036 | 80 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-11** | **LCS** | **Solid** | **GC/MS CCC** | **08/05/14** | **08/06/14 17:55** | **140805L08** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.794 | 88 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 9.715 | 97 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 9.716 | 97 | 52-120 | 41-131 | |
| Aniline | 10.00 | 8.096 | 81 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 9.410 | 94 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 10.30 | 103 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 10.50 | 105 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.935 | 99 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 10.21 | 102 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 9.456 | 95 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.53 | 105 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 9.481 | 95 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 2.085 | 21 | 50-130 | 37-143 | X |
| Benzyl Alcohol | 10.00 | 9.610 | 96 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 9.293 | 93 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 9.314 | 93 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 11.96 | 120 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.594 | 96 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.542 | 85 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 10.19 | 102 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.076 | 91 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 7.934 | 79 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 9.511 | 95 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 9.521 | 95 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.000 | 80 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 9.560 | 96 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 9.342 | 93 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 9.655 | 97 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 10.36 | 104 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 9.177 | 92 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 9.270 | 93 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 9.494 | 95 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 9.322 | 93 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 8.224 | 82 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.732 | 87 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 8.854 | 89 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 9.112 | 91 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 9.491 | 95 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 6.426 | 64 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 3.397 | 34 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 9.792 | 98 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 9.780 | 98 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 9.299 | 93 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 8.922 | 89 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 8.647 | 86 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 9.868 | 99 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 9.121 | 91 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 9.578 | 96 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 10.84 | 108 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 9.277 | 93 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.654 | 97 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 9.043 | 90 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 9.495 | 95 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 18.19 | 91 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 9.239 | 92 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 9.346 | 93 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 11.16 | 112 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 9.479 | 95 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 10.01 | 100 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.403 | 94 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 11.02 | 110 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 9.444 | 94 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.805 | 98 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.915 | 89 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 6.105 | 61 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 9.730 | 97 | 54-120 | 43-131 | |
| Phenol | 10.00 | 9.470 | 95 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 10.43 | 104 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 13.31 | 133 | 52-115 | 42-126 | X |
| 1,2,4-Trichlorobenzene | 10.00 | 8.965 | 90 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.043 | 80 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 7.692 | 77 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-340** | **LCS** | **Solid** | **GC/MS Q** | **07/26/14** | **07/26/14 23:56** | **140726L015** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 49.31 | 99 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.60 | 99 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 47.58 | 95 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 50.22 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 49.78 | 100 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 44.06 | 88 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 50.86 | 102 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 52.98 | 106 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 49.05 | 98 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 48.99 | 98 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 46.23 | 92 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.23 | 88 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 46.38 | 93 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 49.37 | 99 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 54.44 | 109 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 53.62 | 107 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 43.68 | 87 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 49.20 | 98 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 48.32 | 97 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 43.25 | 87 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 48.43 | 97 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.62 | 103 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 47.49 | 95 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 47.25 | 95 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 47.04 | 94 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 45.63 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 50.54 | 101 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 53.08 | 106 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 50.76 | 102 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 51.02 | 102 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 50.61 | 101 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.38 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.95 | 102 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 41.33 | 83 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 52.42 | 105 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 47.21 | 94 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 44.92 | 90 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 50.04 | 100 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.37 | 103 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 49.73 | 99 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 48.04 | 96 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.02 | 102 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 47.14 | 94 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.15 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.86 | 100 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 45.60 | 91 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 45.99 | 92 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 60.00 | 120 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.15 | 102 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 41.45 | 83 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 41.86 | 84 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 48.12 | 96 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.95 | 104 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.80 | 98 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 53.24 | 106 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 43.52 | 87 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 48.38 | 97 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 57.41 | 115 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 48.24 | 96 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 37.68 | 75 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 54.65 | 109 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.08 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.55 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.46 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-341** | **LCS** | **Solid** | **GC/MS Q** | **07/28/14** | **07/28/14 13:10** | **140728L016** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 53.77 | 108 | 70-130 | 60-140 | |
| Benzene | 50.00 | 50.16 | 100 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 49.22 | 98 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.62 | 103 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 51.41 | 103 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 48.89 | 98 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 56.44 | 113 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 53.91 | 108 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 51.05 | 102 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.93 | 100 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 49.44 | 99 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 45.46 | 91 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 51.38 | 103 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 50.39 | 101 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 56.16 | 112 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 54.11 | 108 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 46.65 | 93 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 50.30 | 101 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 50.09 | 100 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 51.97 | 104 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 43.88 | 88 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 49.76 | 100 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.81 | 104 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.50 | 99 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 49.04 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.27 | 99 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 52.40 | 105 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 50.48 | 101 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 52.22 | 104 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 51.52 | 103 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 51.72 | 103 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 52.03 | 104 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.94 | 102 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.59 | 101 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 48.56 | 97 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 52.76 | 106 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 51.07 | 102 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 50.13 | 100 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 51.02 | 102 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.01 | 102 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 51.55 | 103 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 49.75 | 99 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.50 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.18 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 51.70 | 103 | 70-130 | 60-140 | |
| Styrene | 50.00 | 50.01 | 100 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 48.12 | 96 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 47.67 | 95 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 52.87 | 106 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.89 | 104 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 43.56 | 87 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 45.80 | 92 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 50.73 | 101 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.52 | 103 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 49.79 | 100 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 52.20 | 104 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 44.50 | 89 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 49.56 | 99 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 59.95 | 120 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.54 | 101 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 46.58 | 93 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 57.97 | 116 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 101.3 | 101 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 50.58 | 101 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.55 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-343** | **LCS** | **Solid** | **GC/MS Q** | **07/28/14** | **07/29/14 00:28** | **140728L036** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 46.56 | 93 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.07 | 98 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 48.73 | 97 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.67 | 103 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 50.61 | 101 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 46.72 | 93 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 59.48 | 119 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 50.50 | 101 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 48.44 | 97 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 48.63 | 97 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 47.07 | 94 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 43.54 | 87 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 47.78 | 96 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 49.28 | 99 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 56.63 | 113 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 53.25 | 106 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 45.60 | 91 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 49.57 | 99 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 48.74 | 97 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.41 | 99 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 43.10 | 86 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 49.00 | 98 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.58 | 103 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 47.71 | 95 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 47.36 | 95 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 47.40 | 95 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 50.20 | 100 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 49.88 | 100 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 52.36 | 105 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 50.24 | 100 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 51.14 | 102 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 50.90 | 102 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 49.76 | 100 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.74 | 101 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 42.22 | 84 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 52.16 | 104 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 47.70 | 95 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 45.63 | 91 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 49.78 | 100 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 48.22 | 96 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 49.81 | 100 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 47.75 | 96 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.74 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 47.48 | 95 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.11 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.94 | 100 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.54 | 99 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 46.38 | 93 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 45.66 | 91 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 58.72 | 117 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.07 | 102 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 41.49 | 83 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 41.76 | 84 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 48.83 | 98 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.52 | 103 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.24 | 96 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 52.39 | 105 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 44.44 | 89 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 48.49 | 97 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 58.93 | 118 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 48.09 | 96 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 42.93 | 86 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 56.39 | 113 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 97.86 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.22 | 98 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.69 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-346** | **LCS** | **Solid** | **GC/MS Q** | **07/29/14** | **07/29/14 14:20** | **140729L016** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 54.02 | 108 | 70-130 | 60-140 | |
| Benzene | 50.00 | 51.93 | 104 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 49.88 | 100 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 52.72 | 105 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 51.06 | 102 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 48.22 | 96 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 56.77 | 114 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 56.03 | 112 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 53.25 | 106 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 52.47 | 105 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 51.45 | 103 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 46.53 | 93 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 51.89 | 104 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 51.85 | 104 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 61.05 | 122 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 54.80 | 110 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 49.77 | 100 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 52.23 | 104 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 51.83 | 104 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 50.68 | 101 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 44.33 | 89 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 50.82 | 102 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 53.07 | 106 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.61 | 99 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 50.26 | 101 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 50.06 | 100 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 54.91 | 110 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 51.34 | 103 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 53.48 | 107 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 53.61 | 107 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 52.46 | 105 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 53.55 | 107 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.54 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 51.92 | 104 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 47.32 | 95 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 55.45 | 111 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 50.50 | 101 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 48.07 | 96 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/24/14
Work Order: 14-07-1690
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 53.25 | 107 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 54.03 | 108 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 53.69 | 107 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 51.91 | 104 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.07 | 102 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 49.77 | 100 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 46.27 | 93 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 54.10 | 108 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.59 | 103 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 47.90 | 96 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.76 | 100 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 55.86 | 112 | 70-130 | 60-140 | |
| Toluene | 50.00 | 53.76 | 108 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 44.12 | 88 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 45.74 | 91 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 51.55 | 103 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 52.54 | 105 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 52.55 | 105 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 54.84 | 110 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 46.79 | 94 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 51.90 | 104 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 66.41 | 133 | 70-130 | 60-140 | ME |
| 1,3,5-Trimethylbenzene | 50.00 | 51.96 | 104 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 44.57 | 89 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 62.34 | 125 | 68-122 | 59-131 | ME |
| p/m-Xylene | 100.0 | 105.0 | 105 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 52.29 | 105 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.66 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

# Sample Analysis Summary Report

Work Order: 14-07-1690 

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 606 | IC 11 | 1 |
| EPA 7199 | EPA 3060A | 857 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 46 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 66 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 449 | GC/MS TT | 1 |
| EPA 8270C | EPA 3545 | 449 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers



| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |

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# Calscience Environmental Laboratories, Inc.

## CHAIN OF CUSTODY RECORD

SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

WO # / LAB USE ONLY: 14-07-1690

Date: 7.24.14

Page: 1 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Camosa Park

P.O. NO.: 32594-506

PROJECT CONTACT: Tom Tetnall

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (8015M) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metal Cam17 6000/7000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | F18 G19 | 7.24.14 | 0800 | Conc core | 1 | X | | | | | X | | X | | | X | | X | | | | X | X | | | |
| 2 | G18 H19 | | 0920 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | G20 H21 | | 0950 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | G19 H20 | | 1010 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | F20 G21 | | 1014 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | F21 G22 | | 1020 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | E16 F17 | | 1030 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | E17 F18 | | 1050 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | E15 F16 | | 1100 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | E15 G16 | | 1110 | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 7/24/14 | Time: 14 30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECE ECL | Date: 7/24/14 | Time: 1810 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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# Calscience Environmental Laboratories, Inc.

## CHAIN OF CUSTODY RECORD

☐ SoCal Laboratory
7440 Lincoln Way
Garden Grove, CA 92841-1427
(714) 895-5494

☐ NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

WO # / LAB USE ONLY: 07-1590

Date: 7.24.14

Page: 2 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Tom Tatnall

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (8015m) | BTEX / MTBE (8260) or (_____) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metal (comm 17) 6020/7000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | E13 F14 | 7.24.14 | 1120 | Core | 1 | X | | | | | X | | X | | | X | | X | | | | X | X | | | |
| 12 | D15 E16 | | 1130 | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | D13 E14 | | 1150 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | D12 E13 | | 1200 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | E12 F13 | | 1215 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | C10 D11 | | 1225 | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | C12 D13 | | 1240 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | C13 D14 | | 1300 | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | C14 D15 | | 1310 | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | C16 D17 | | 1325 | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 7/24/14 | Time: 1430 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/24/14 | Time: 1810 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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## CHAIN OF CUSTODY RECORD

SoCal Laboratory
7440 Lincoln Way
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NorCal Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
(925) 689-9022

WO # / LAB USE ONLY: 07-1690

Date: 7.24.14

Page: 3 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga

P.O. NO.: 32594-506

PROJECT CONTACT: Tom Tatum

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (soil sm) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+, 7199 | Metal (Cam 17) 6000/7000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | C18D19 | 7.24.14 | 1355 | Core | 1 | Y | | | | | X | | X | | | X | | X | | | | X | X | | | |
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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/24/14 | Time: 1430 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/24/14 | Time: 1810 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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eurofins | Calscience

WORK ORDER #: 14-07-1690

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley & ALDRich

DATE: 07/24/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.5 °C - 0.3 °C (CF) = 3.2 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

**Ambient Temperature:** ☐ Air ☐ Filter **Checked by:** 820

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Checked by:** 820

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Checked by:** 862

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ 862 7/24/14 | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z_____

**Aqueous:** ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 862

**Container:** **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** 739

**Preservative:** **h:** HCL **n:** $HNO_3$ **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** 739



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# WORK ORDER NUMBER: 14-07-1808

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/08/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 14-07-1808


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# Work Order Narrative

Work Order: 14-07-1808 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/25/14. They were assigned to Work Order 14-07-1808.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1808 |
| | | Project Name: | UTC / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/25/14 17:30 |
| | | Number of Containers: | 27 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| A22C23 | 14-07-1808-1 | 07/25/14 07:30 | 1 | Concrete |
| A24C25 | 14-07-1808-2 | 07/25/14 07:45 | 1 | Concrete |
| C25D26 | 14-07-1808-3 | 07/25/14 08:00 | 1 | Concrete |
| C22D23 | 14-07-1808-4 | 07/25/14 08:15 | 1 | Concrete |
| D21E22 | 14-07-1808-5 | 07/25/14 09:45 | 1 | Concrete |
| D23E24 | 14-07-1808-6 | 07/25/14 10:00 | 1 | Concrete |
| E22F23 | 14-07-1808-7 | 07/25/14 10:15 | 1 | Concrete |
| H18J19 | 14-07-1808-8 | 07/25/14 10:30 | 1 | Concrete |
| H19J20 | 14-07-1808-9 | 07/25/14 10:35 | 1 | Concrete |
| H21J22 | 14-07-1808-10 | 07/25/14 10:40 | 1 | Concrete |
| J20K21 | 14-07-1808-11 | 07/25/14 10:45 | 1 | Concrete |
| J19K20 | 14-07-1808-12 | 07/25/14 10:55 | 1 | Concrete |
| J21K22 | 14-07-1808-13 | 07/25/14 11:00 | 1 | Concrete |
| H20J21 | 14-07-1808-14 | 07/25/14 11:05 | 1 | Concrete |
| H26J29 | 14-07-1808-15 | 07/25/14 11:15 | 1 | Concrete |
| J25K26 | 14-07-1808-16 | 07/25/14 11:25 | 1 | Concrete |
| J22K23 | 14-07-1808-17 | 07/25/14 11:30 | 1 | Concrete |
| H25J26 | 14-07-1808-18 | 07/25/14 11:50 | 1 | Concrete |
| M26N29 | 14-07-1808-19 | 07/25/14 12:15 | 1 | Concrete |
| L26M29 | 14-07-1808-20 | 07/25/14 12:30 | 1 | Concrete |
| K26L29 | 14-07-1808-21 | 07/25/14 12:45 | 1 | Concrete |
| K25L26 | 14-07-1808-22 | 07/25/14 12:55 | 1 | Concrete |
| K24L25 | 14-07-1808-23 | 07/25/14 13:00 | 1 | Concrete |
| K23L24 | 14-07-1808-24 | 07/25/14 13:05 | 1 | Concrete |
| K22L23 | 14-07-1808-25 | 07/25/14 13:15 | 1 | Concrete |
| L22M23 | 14-07-1808-26 | 07/25/14 13:20 | 1 | Concrete |
| K21L22 | 14-07-1808-27 | 07/25/14 13:30 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A22C23 (14-07-1808-1) | | | | | | |
| Arsenic | 2.01 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.5 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.222 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.34 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.09 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.7 | B | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.18 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.399 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.37 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.305 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.3 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 39.4 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0542 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 6.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 44 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 94 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 210 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 190 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 65 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 940 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 15 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 18 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 8.9 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.88 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Octyl Phthalate | 0.43 | J | 0.083* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.25 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A24C25 (14-07-1808-2) | | | | | | |
| Arsenic | 1.87 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 110 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.237 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.6 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.26 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.58 | B | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.61 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.151 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.03 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.240 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.6 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 21.2 | B | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0136 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 9.5 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.3 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 3.4 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 100 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 21 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.8 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 14 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 16 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.18 | J | 0.15* | mg/kg | EPA 8270C | EPA 3545 |
| 3/4-Methylphenol | 0.32 | J | 0.24* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C25D26 (14-07-1808-3) | | | | | | |
| Arsenic | 0.594 | J | 0.269* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.5 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.206 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.99 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.31 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.1 | B | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.1 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 2.42 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.88 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.208 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.6 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 46.7 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0486 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.37 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 2.9 | J | 2.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C8 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 8.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 5.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 9.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 7.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.8 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 83 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 43 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 32 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 30 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.9 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.87 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 0.57 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 25 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 7.8 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.16 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.70 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.15 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 4 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| C22D23 (14-07-1808-4) | | | | | | |
| Arsenic | 0.854 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 83.5 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.220 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.78 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.78 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.13 | B | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.40 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.179 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.31 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.170 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.8 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 24.4 | B | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0251 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 22 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1808
Project Name: UTC / 32594-506
Received: 07/25/14

Attn: Scott Boston



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D21E22 (14-07-1808-5) | | | | | | |
| Arsenic | 1.01 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 116 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.235 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.24 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.30 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.7 | B | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 16.3 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.625 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.93 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.301 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.6 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.7 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0196 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 4.8 | J | 1.9* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 16 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 22 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 46 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 38 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 27 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 4.9 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 27 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 32 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 39 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 5.5 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.0 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.69 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Benzo (g,h,i) Perylene | 0.51 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.62 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Fluoranthene | 0.11 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Pyrene | 0.48 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D23E24 (14-07-1808-6) | | | | | | |
| Arsenic | 0.794 | | 0.769 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.5 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.235 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 4.69 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.27 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.2 | B | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.5 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.488 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.58 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.185 | J | 0.0879* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.0 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.0 | B | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 720 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0129 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 3.4 | J | 3.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 4.5 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 19 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 29 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzo (g,h,i) Perylene | 0.10 | J | 0.090* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 7 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E22F23 (14-07-1808-7) | | | | | | |
| Arsenic | 1.41 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 144 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.250 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.43 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.39 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.2 | B | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.99 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.290 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.38 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.186 | J | 0.0875* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.3 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.6 | B | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 660 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0577 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.1 | J | 1.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 45 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 51 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 11 | J | 9.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 190 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 230 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 310 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 340 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 280 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 140 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 42 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1700 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 990 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 700 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 680 | J | 650* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.20 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 10 | J | 3.9* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 14 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 0.70 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 5.5 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 3.5 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.69 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 2.1 | J | 0.65* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 8 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 86 | | 52 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.7 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 59 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 66 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 6.9 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 22 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 12 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 14 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.29 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.34 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 2.9 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H18J19 (14-07-1808-8) | | | | | | |
| Arsenic | 0.554 | J | 0.270* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 197 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.246 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.47 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.99 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.5 | B | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.1 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.350 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.69 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.173 | J | 0.0893* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.0 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.0 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 640 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0252 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 81 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 270 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 310 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 410 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 710 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1300 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 1000 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 370 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 65 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 4500 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 56 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 160 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 85 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.14 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 7.9 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.18 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 3.1 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.0 | J | 0.83* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.26 | J | 0.21* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.98 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.69 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 10 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H19J20 (14-07-1808-9) | | | | | | |
| Arsenic | 1.85 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 125 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.245 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.24 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.55 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.6 | B | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.7 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.476 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.39 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.289 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.6 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 51.2 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 390 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0214 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C15-C16 | 25 | J | 18* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 170 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 350 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 770 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1300 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 1900 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3500 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2400 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 1000 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 270 | | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 12000 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 40 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 91 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 95 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.15 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 11 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 5.6 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 6.4 | J | 4.2* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.87 | J | 0.20* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.90 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1,1-Trichloroethane | 0.25 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.62 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenanthrene | 0.27 | J | 0.12* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1808
Project Name: UTC / 32594-506
Received: 07/25/14

Attn: Scott Boston



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H21J22 (14-07-1808-10) | | | | | | |
| Arsenic | 0.777 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 125 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.242 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.31 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.87 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 30.7 | B | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.9 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.688 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.75 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 64.0 | B | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0210 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.62 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 3.9 | J | 3.1* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 1.9 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 3.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 35 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 47 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 86 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 99 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 87 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 29 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 430 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 54 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 170 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 200 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| 2-Butanone | 74 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.19 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 22 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 8.9 | J | 4.3* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.76 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.74 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.78 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.26 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 0.43 | J | 0.13* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | Page 12 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J20K21 (14-07-1808-11) | | | | | | |
| Arsenic | 0.667 | J | 0.259* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 112 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.269 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.25 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.21 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.3 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.8 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.466 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.00 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.362 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.3 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 51.0 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0163 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 6.7 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 6.1 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 29 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 69 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 110 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 150 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 240 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 320 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 230 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 110 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 26 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1300 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 26 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 37 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.14 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.18 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 1.8 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 3.4 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 5.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 13 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J19K20 (14-07-1808-12) | | | | | | |
| Arsenic | 0.460 | J | 0.254* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 98.0 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.262 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.73 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.90 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.3 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.1 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.368 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.08 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.356 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.1 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0185 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 41 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 130 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 250 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 290 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 550 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 830 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 940 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 84 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 53 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 3200 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 190 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 140 | | 120 | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.13 | J | 0.12* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 9.5 | J | 3.6* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 4.3 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.71 | J | 0.49* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.68 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J21K22 (14-07-1808-13) | | | | | | |
| Arsenic | 0.578 | J | 0.260* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 97.5 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.233 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.11 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.27 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.8 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.6 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.624 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.14 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.359 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.1 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 56.4 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 970 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0267 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 6.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 29 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 49 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 54 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 38 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 220 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 19 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 26 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 49 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.6 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.20 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.1 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.91 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.34 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.31 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H20J21 (14-07-1808-14) | | | | | | |
| Barium | 99.3 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.266 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.79 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.94 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.8 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.6 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.453 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.90 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.290 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.2 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.1 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 310 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0170 | J | 0.00550* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 13 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 52 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 94 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 180 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 220 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 230 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 170 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 47 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 14 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1000 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 260 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 70 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.26 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | Page 16 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H26J29 (14-07-1808-15) | | | | | | |
| Arsenic | 0.778 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 95.5 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.242 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.01 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.11 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.3 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.7 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.337 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.54 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.348 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.4 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.5 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0184 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.42 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 2.3 | J | 2.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 51 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 81 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 85 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 69 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 39 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 570 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 800 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 73 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 10 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.16 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 4.2 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 5.4 | J | 4.3* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.69 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.72 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.097 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.15 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.18 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 17 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J25K26 (14-07-1808-16) | | | | | | |
| Arsenic | 1.17 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 96.0 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.235 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.28 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.42 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.7 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.821 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.11 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.332 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.4 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 54.6 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0212 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.28 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 4.1 | J | 3.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 12 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 2.5 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.2 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 3.7 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 5.5 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 44 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1200 | | 250 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 34 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.2 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 4.8 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.42 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 3.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1808
Project Name: UTC / 32594-506
Received: 07/25/14

Attn: Scott Boston



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J22K23 (14-07-1808-17) | | | | | | |
| Arsenic | 0.335 | J | 0.258* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 91.5 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.222 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.43 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.09 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 18.2 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.78 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.264 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.97 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.247 | J | 0.0853* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.0 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 33.0 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0204 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.30 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 6.4 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 2.5 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 28 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 4.3 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 3.3 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.4 | J | 2.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2.9 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 55 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 270 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 56 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.35 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Styrene | 1.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 2.2 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 0.57 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.4 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.69 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 5.4 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H25J26 (14-07-1808-18) | | | | | | |
| Arsenic | 0.396 | J | 0.255* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 186 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.252 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.64 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 8.13 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.6 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.5 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.664 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.83 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.187 | J | 0.0844* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 30.4 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 59.2 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0102 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.4 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.9 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.5 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 14 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 52 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.20 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.89 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.2 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 1.0 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M26N29 (14-07-1808-19) | | | | | | |
| Barium | 98.5 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.223 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.10 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 10.9 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.19 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.191 | J | 0.129* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.13 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.237 | J | 0.0840* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 24.1 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 30.4 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0110 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 2.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 5.8 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 10 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 19 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 23 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 23 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 15 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 6.3 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 27 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L26M29 (14-07-1808-20) | | | | | | |
| Arsenic | 8.30 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 89.1 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.230 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.5 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.55 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.90 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.86 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.527 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 37.0 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.311 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 59.0 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 27.9 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0184 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.9 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.8 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2.6 | J | 2.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 26 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Benzo (a) Pyrene | 0.25 | J | 0.085* | mg/kg | EPA 8270C | EPA 3545 |
| Benzo (b) Fluoranthene | 0.18 | J | 0.084* | mg/kg | EPA 8270C | EPA 3545 |
| Benzo (g,h,i) Perylene | 0.25 | J | 0.090* | mg/kg | EPA 8270C | EPA 3545 |
| Benzo (k) Fluoranthene | 0.15 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Chrysene | 0.17 | J | 0.094* | mg/kg | EPA 8270C | EPA 3545 |
| Fluoranthene | 0.46 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Indeno (1,2,3-c,d) Pyrene | 0.20 | J | 0.099* | mg/kg | EPA 8270C | EPA 3545 |
| Phenanthrene | 0.29 | J | 0.12* | mg/kg | EPA 8270C | EPA 3545 |
| Pyrene | 0.48 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K26L29 (14-07-1808-21) | | | | | | |
| Arsenic | 1.99 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 167 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.209 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.85 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.96 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 12.0 | B | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.99 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.313 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.06 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.122 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.1 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.6 | B | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0263 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 2.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 4.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.8 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 6.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 8.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 91 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 13 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 20 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 20 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 0.97 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 4.9 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 4.3 | J | 0.63* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 120 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 1.3 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 39 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 22 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 2.6 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 18 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 6.7 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

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|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Benzyl Alcohol | 6.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 1.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| K25L26 (14-07-1808-22) | | | | | | |
| Arsenic | 1.07 | | 0.769 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 109 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.217 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.14 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.08 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.4 | B | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.62 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.233 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.02 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.147 | J | 0.0879* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.0 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.8 | B | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0206 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 8.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 20 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 29 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 41 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 49 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 25 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 180 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 210 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 34 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.23 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.26 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.0 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.19 | J | 0.15* | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.14 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.26 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.37 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K24L25 (14-07-1808-23) | | | | | | |
| Arsenic | 2.04 | | 0.725 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 89.2 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.207 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.66 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.84 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.5 | B | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.12 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.245 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 3.70 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.124 | J | 0.0828* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 46.2 | B | 0.966 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0246 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 3.9 | J | 3.1* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 34 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 53 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 62 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 38 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 8.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 70 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 40 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.15 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.90 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.67 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.84 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.82 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.51 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-1808 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/25/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K23L24 (14-07-1808-24) | | | | | | |
| Barium | 89.7 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.205 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.66 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.96 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.9 | B | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.59 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.159 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.09 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.151 | J | 0.0870* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.7 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.6 | B | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0343 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 2.5 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 25 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 32 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 2.0 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 190 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 32 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.39 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 3.6 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 0.62 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.8 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.3 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 11 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K22L23 (14-07-1808-25) | | | | | | |
| Arsenic | 0.343 | J | 0.269* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 112 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.195 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.65 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.11 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.6 | B | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.24 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.238 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 3.66 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.101 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 13.7 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.8 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0183 | J | 0.00618* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 3.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 35 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 4.6 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 3.1 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 63 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 43 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.1 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.7 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 4.3 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.1 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 32 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.18 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.16 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 27 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L22M23 (14-07-1808-26) | | | | | | |
| Arsenic | 1.29 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 100 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.214 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.02 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.84 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 48.9 | B | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.86 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.198 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.58 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.204 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.5 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.2 | B | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0209 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 7.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 22 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 31 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 28 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 8.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 33 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 54 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.72 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.49 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 1.5 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1808<br>UTC / 32594-506<br>07/25/14 |
| Attn: | Scott Boston | | Page 28 of 28 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K21L22 (14-07-1808-27) | | | | | | |
| Arsenic | 0.989 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 103 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.203 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.04 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.27 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.0 | B | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.17 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.215 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.00 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.169 | J | 0.0853* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.5 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.0 | B | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0160 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 6.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 9.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 4.7 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 89 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 23 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.39 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A22C23** | **14-07-1808-1-A** | **07/25/14 07:30** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 03:40** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 16 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 6.7 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 11 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 44 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 94 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 150 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 210 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 190 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 150 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 65 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 940 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 87 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A24C25** | **14-07-1808-2-A** | **07/25/14 07:45** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 03:56** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 9.5 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 2.3 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 3.4 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 100 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 4.2 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | 21 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 2.8 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 150 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C25D26** | **14-07-1808-3-A** | **07/25/14 08:00** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 04:12** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.37 | 5.0 | 0.21 | 1.00 | J |
| C7 | 2.9 | 5.0 | 2.3 | 1.00 | J |
| C8 | 16 | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 8.0 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 3.8 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 5.4 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 9.4 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 14 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 13 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 7.6 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 2.8 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 83 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 84 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 4 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C22D23** | **14-07-1808-4-A** | **07/25/14 08:15** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 04:27** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 69 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D21E22** | **14-07-1808-5-A** | **07/25/14 09:45** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 04:59** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.1 | 0.21 | 1.00 | |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.1 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 4.8 | 5.1 | 1.9 | 1.00 | J |
| C21-C22 | 16 | 5.1 | 1.8 | 1.00 | |
| C23-C24 | 22 | 5.1 | 1.7 | 1.00 | |
| C25-C28 | 46 | 5.1 | 2.5 | 1.00 | |
| C29-C32 | 38 | 5.1 | 2.4 | 1.00 | |
| C33-C36 | 27 | 5.1 | 2.6 | 1.00 | |
| C37-C40 | 4.9 | 5.1 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 160 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D23E24** | **14-07-1808-6-A** | **07/25/14 10:00** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 05:14** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 3.4 | 4.9 | 3.0 | 1.00 | J |
| C11-C12 | 4.5 | 4.9 | 1.7 | 1.00 | J |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 19 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 27 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 11:16** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.1 | 25 | 1.0 | 5.00 | J |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | 45 | 25 | 15 | 5.00 | |
| C11-C12 | 51 | 25 | 8.7 | 5.00 | |
| C13-C14 | ND | 25 | 8.8 | 5.00 | |
| C15-C16 | 11 | 25 | 9.0 | 5.00 | J |
| C17-C18 | 100 | 25 | 9.0 | 5.00 | |
| C19-C20 | 190 | 25 | 9.2 | 5.00 | |
| C21-C22 | 230 | 25 | 8.8 | 5.00 | |
| C23-C24 | 310 | 25 | 8.3 | 5.00 | |
| C25-C28 | 340 | 25 | 12 | 5.00 | |
| C29-C32 | 280 | 25 | 12 | 5.00 | |
| C33-C36 | 140 | 25 | 13 | 5.00 | |
| C37-C40 | 42 | 25 | 8.0 | 5.00 | |
| C41-C44 | ND | 25 | 7.5 | 5.00 | |
| C6-C44 Total | 1700 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 84 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H18J19** | **14-07-1808-8-A** | **07/25/14 10:30** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 11:32** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | ND | 25 | 15 | 5.00 | |
| C11-C12 | ND | 25 | 8.7 | 5.00 | |
| C13-C14 | ND | 25 | 8.8 | 5.00 | |
| C15-C16 | ND | 25 | 9.0 | 5.00 | |
| C17-C18 | 81 | 25 | 9.0 | 5.00 | |
| C19-C20 | 270 | 25 | 9.2 | 5.00 | |
| C21-C22 | 310 | 25 | 8.8 | 5.00 | |
| C23-C24 | 410 | 25 | 8.4 | 5.00 | |
| C25-C28 | 710 | 25 | 12 | 5.00 | |
| C29-C32 | 1300 | 25 | 12 | 5.00 | |
| C33-C36 | 1000 | 25 | 13 | 5.00 | |
| C37-C40 | 370 | 25 | 8.0 | 5.00 | |
| C41-C44 | 65 | 25 | 7.6 | 5.00 | |
| C6-C44 Total | 4500 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 84 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20** | **14-07-1808-9-A** | **07/25/14 10:35** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 11:48** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 50 | 2.1 | 10.0 | |
| C7 | ND | 50 | 23 | 10.0 | |
| C8 | ND | 50 | 25 | 10.0 | |
| C9-C10 | ND | 50 | 31 | 10.0 | |
| C11-C12 | ND | 50 | 18 | 10.0 | |
| C13-C14 | ND | 50 | 18 | 10.0 | |
| C15-C16 | 25 | 50 | 18 | 10.0 | J |
| C17-C18 | 170 | 50 | 18 | 10.0 | |
| C19-C20 | 350 | 50 | 18 | 10.0 | |
| C21-C22 | 770 | 50 | 18 | 10.0 | |
| C23-C24 | 1300 | 50 | 17 | 10.0 | |
| C25-C28 | 1900 | 50 | 25 | 10.0 | |
| C29-C32 | 3500 | 50 | 24 | 10.0 | |
| C33-C36 | 2400 | 50 | 26 | 10.0 | |
| C37-C40 | 1000 | 50 | 16 | 10.0 | |
| C41-C44 | 270 | 50 | 15 | 10.0 | |
| C6-C44 Total | 12000 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 06:17** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.62 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 3.9 | 5.0 | 3.1 | 1.00 | J |
| C11-C12 | 1.9 | 5.0 | 1.7 | 1.00 | J |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 3.2 | 5.0 | 1.8 | 1.00 | J |
| C19-C20 | 14 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 35 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 47 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 86 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 99 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 87 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 29 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 27 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 430 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 87 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J20K21** | **14-07-1808-11-A** | **07/25/14 10:45** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 06:32** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 6.7 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 6.1 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 29 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 69 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 110 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 150 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 240 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 320 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 230 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 110 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | 26 | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 1300 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 98 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J19K20** | **14-07-1808-12-A** | **07/25/14 10:55** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 12:03** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | ND | 25 | 15 | 5.00 | |
| C11-C12 | ND | 25 | 8.5 | 5.00 | |
| C13-C14 | ND | 25 | 8.6 | 5.00 | |
| C15-C16 | ND | 25 | 8.8 | 5.00 | |
| C17-C18 | 41 | 25 | 8.8 | 5.00 | |
| C19-C20 | 130 | 25 | 9.0 | 5.00 | |
| C21-C22 | 250 | 25 | 8.6 | 5.00 | |
| C23-C24 | 290 | 25 | 8.2 | 5.00 | |
| C25-C28 | 550 | 25 | 12 | 5.00 | |
| C29-C32 | 830 | 25 | 12 | 5.00 | |
| C33-C36 | 940 | 25 | 13 | 5.00 | |
| C37-C40 | 84 | 25 | 7.8 | 5.00 | |
| C41-C44 | 53 | 25 | 7.4 | 5.00 | |
| C6-C44 Total | 3200 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 100 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J21K22** | **14-07-1808-13-A** | **07/25/14 11:00** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 07:20** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 5.1 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 6.5 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 21 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 29 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 49 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 54 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 38 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 18 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 220 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H20J21** | **14-07-1808-14-A** | **07/25/14 11:05** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 07:35** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 13 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 52 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 94 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 180 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 220 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 230 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 170 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 47 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | 14 | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 1000 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 93 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29** | **14-07-1808-15-A** | **07/25/14 11:15** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 07:51** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.42 | 5.0 | 0.21 | 1.00 | J |
| C7 | 2.3 | 5.0 | 2.3 | 1.00 | J |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 5.3 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 19 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 51 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 81 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 85 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 110 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 100 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 69 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 39 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 5.3 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 570 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 08:07** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.28 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 4.1 | 4.9 | 3.0 | 1.00 | J |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 12 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 2.5 | 4.9 | 1.8 | 1.00 | J |
| C21-C22 | 3.2 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 3.7 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 5.6 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 4.0 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | 5.5 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 3.5 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 44 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 92 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J22K23** | **14-07-1808-17-A** | **07/25/14 11:30** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 08:22** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.30 | 5.1 | 0.21 | 1.00 | J |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | 6.4 | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | 2.5 | 5.1 | 1.8 | 1.00 | J |
| C17-C18 | 28 | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 4.3 | 5.1 | 1.8 | 1.00 | J |
| C21-C22 | 3.4 | 5.1 | 1.8 | 1.00 | J |
| C23-C24 | 3.3 | 5.1 | 1.7 | 1.00 | J |
| C25-C28 | 4.4 | 5.1 | 2.5 | 1.00 | J |
| C29-C32 | 2.9 | 5.1 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.1 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 55 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 97 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H25J26** | **14-07-1808-18-A** | **07/25/14 11:50** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 08:38** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.4 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 2.9 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 5.7 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 3.5 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 15 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M26N29** | **14-07-1808-19-A** | **07/25/14 12:15** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 08:54** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 2.2 | 4.9 | 1.8 | 1.00 | J |
| C19-C20 | 5.8 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 10 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 19 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 23 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 23 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 15 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 6.3 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 100 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 88 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L26M29** | **14-07-1808-20-A** | **07/25/14 12:30** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 09:10** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 2.9 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 4.1 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 5.8 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 4.7 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | 2.6 | 4.9 | 2.5 | 1.00 | J |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 20 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 78 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 21 of 29 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K26L29** | **14-07-1808-21-A** | **07/25/14 12:45** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 05:15** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 19 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 21 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | 2.2 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 14 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 4.9 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 3.8 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 4.8 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 6.5 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 5.5 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 8.8 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 91 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 102 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26** | **14-07-1808-22-A** | **07/25/14 12:55** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 05:32** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 8.0 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 20 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 29 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 41 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 49 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 25 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 11 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 180 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K24L25** | **14-07-1808-23-A** | **07/25/14 13:00** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 05:50** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 3.9 | 5.0 | 3.1 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 7.3 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 21 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 34 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 53 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 62 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 38 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 20 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 8.1 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 250 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 100 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K23L24** | **14-07-1808-24-A** | **07/25/14 13:05** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 06:07** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 14 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | 2.5 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 25 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 10 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 20 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 23 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 33 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 32 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 21 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 10 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 2.0 | 5.0 | 1.5 | 1.00 | J |
| C6-C44 Total | 190 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 99 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 06:25** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.5 | 1.00 | |
| C9-C10 | 15 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 3.4 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 35 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 4.6 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 2.0 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | 3.1 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 63 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L22M23** | **14-07-1808-26-A** | **07/25/14 13:20** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 06:42** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 7.7 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 20 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 22 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 31 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 28 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 16 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 8.1 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 130 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 101 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K21L22** | **14-07-1808-27-A** | **07/25/14 13:30** | **Concrete** | **GC 46** | **07/28/14** | **07/30/14 06:59** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 6.2 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 10 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 20 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 23 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 15 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 9.2 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 4.7 | 5.0 | 1.5 | 1.00 | J |
| C6-C44 Total | 89 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 95 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1050** | **N/A** | **Solid** | **GC 46** | **07/28/14** | **07/29/14 01:44** | **140728B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1054** | **N/A** | **Solid** | **GC 48** | **07/29/14** | **07/30/14 02:38** | **140729B02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 75 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A22C23** | **14-07-1808-1-A** | **07/25/14 07:30** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:05** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 2.01 | 0.777 | 0.269 | 1.04 | |
| Barium | 86.5 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.222 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 8.34 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.09 | 0.259 | 0.153 | 1.04 | |
| Copper | 23.7 | 0.518 | 0.140 | 1.04 | B |
| Lead | 1.18 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.399 | 0.259 | 0.137 | 1.04 | |
| Nickel | 4.37 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.305 | 0.259 | 0.0888 | 1.04 | |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 17.3 | 0.259 | 0.146 | 1.04 | |
| Zinc | 39.4 | 1.04 | 0.184 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A24C25** | **14-07-1808-2-A** | **07/25/14 07:45** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 15:58** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.87 | 0.750 | 0.259 | 1.00 | |
| Barium | 110 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.237 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 12.6 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 4.26 | 0.250 | 0.148 | 1.00 | |
| Copper | 9.58 | 0.500 | 0.135 | 1.00 | B |
| Lead | 1.61 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.151 | 0.250 | 0.132 | 1.00 | J |
| Nickel | 6.03 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.240 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 18.6 | 0.250 | 0.141 | 1.00 | |
| Zinc | 21.2 | 1.00 | 0.178 | 1.00 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C25D26** | **14-07-1808-3-A** | **07/25/14 08:00** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:06** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 0.594 | 0.777 | 0.269 | 1.04 | J |
| Barium | 86.5 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.206 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 7.99 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.31 | 0.259 | 0.153 | 1.04 | |
| Copper | 26.1 | 0.518 | 0.140 | 1.04 | B |
| Lead | 13.1 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 2.42 | 0.259 | 0.137 | 1.04 | |
| Nickel | 6.88 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.208 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 14.6 | 0.259 | 0.146 | 1.04 | |
| Zinc | 46.7 | 1.04 | 0.184 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C22D23** | **14-07-1808-4-A** | **07/25/14 08:15** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:07** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.854 | 0.773 | 0.267 | 1.03 | |
| Barium | 83.5 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.220 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 7.78 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 3.78 | 0.258 | 0.153 | 1.03 | |
| Copper | 8.13 | 0.515 | 0.139 | 1.03 | B |
| Lead | 5.40 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.179 | 0.258 | 0.136 | 1.03 | J |
| Nickel | 4.31 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.170 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 19.8 | 0.258 | 0.146 | 1.03 | |
| Zinc | 24.4 | 1.03 | 0.183 | 1.03 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D21E22** | **14-07-1808-5-A** | **07/25/14 09:45** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:08** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 1.01 | 0.777 | 0.269 | 1.04 | |
| Barium | 116 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.235 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 6.24 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.30 | 0.259 | 0.153 | 1.04 | |
| Copper | 28.7 | 0.518 | 0.140 | 1.04 | B |
| Lead | 16.3 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.625 | 0.259 | 0.137 | 1.04 | |
| Nickel | 5.93 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.301 | 0.259 | 0.0888 | 1.04 | |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 15.6 | 0.259 | 0.146 | 1.04 | |
| Zinc | 55.7 | 1.04 | 0.184 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D23E24** | **14-07-1808-6-A** | **07/25/14 10:00** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:15** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 0.794 | 0.769 | 0.266 | 1.03 | |
| Barium | 86.5 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.235 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 4.69 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 4.27 | 0.256 | 0.152 | 1.03 | |
| Copper | 25.2 | 0.513 | 0.138 | 1.03 | B |
| Lead | 12.5 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.488 | 0.256 | 0.135 | 1.03 | |
| Nickel | 5.58 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.185 | 0.256 | 0.0879 | 1.03 | J |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 13.0 | 0.256 | 0.145 | 1.03 | |
| Zinc | 52.0 | 1.03 | 0.182 | 1.03 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:16** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 1.41 | 0.765 | 0.264 | 1.02 | |
| Barium | 144 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.250 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 7.43 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 4.39 | 0.255 | 0.151 | 1.02 | |
| Copper | 27.2 | 0.510 | 0.137 | 1.02 | B |
| Lead | 9.99 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.290 | 0.255 | 0.135 | 1.02 | |
| Nickel | 7.38 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.186 | 0.255 | 0.0875 | 1.02 | J |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 15.3 | 0.255 | 0.144 | 1.02 | |
| Zinc | 53.6 | 1.02 | 0.181 | 1.02 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H18J19** | **14-07-1808-8-A** | **07/25/14 10:30** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:17** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.781 | 0.155 | 1.04 | |
| Arsenic | 0.554 | 0.781 | 0.270 | 1.04 | J |
| Barium | 197 | 0.521 | 0.161 | 1.04 | |
| Beryllium | 0.246 | 0.260 | 0.143 | 1.04 | J |
| Cadmium | ND | 0.521 | 0.141 | 1.04 | |
| Chromium | 5.47 | 0.260 | 0.148 | 1.04 | |
| Cobalt | 4.99 | 0.260 | 0.154 | 1.04 | |
| Copper | 23.5 | 0.521 | 0.140 | 1.04 | B |
| Lead | 11.1 | 0.521 | 0.137 | 1.04 | |
| Molybdenum | 0.350 | 0.260 | 0.137 | 1.04 | |
| Nickel | 5.69 | 0.260 | 0.151 | 1.04 | |
| Selenium | ND | 0.781 | 0.312 | 1.04 | |
| Silver | 0.173 | 0.260 | 0.0893 | 1.04 | J |
| Thallium | ND | 0.781 | 0.158 | 1.04 | |
| Vanadium | 18.0 | 0.260 | 0.147 | 1.04 | |
| Zinc | 47.0 | 1.04 | 0.185 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20** | **14-07-1808-9-A** | **07/25/14 10:35** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:57** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 1.85 | 0.777 | 0.269 | 1.04 | |
| Barium | 125 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.245 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 5.24 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.55 | 0.259 | 0.153 | 1.04 | |
| Copper | 28.6 | 0.518 | 0.140 | 1.04 | B |
| Lead | 11.7 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.476 | 0.259 | 0.137 | 1.04 | |
| Nickel | 6.39 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.289 | 0.259 | 0.0888 | 1.04 | |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 16.6 | 0.259 | 0.146 | 1.04 | |
| Zinc | 51.2 | 1.04 | 0.184 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:58** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 0.777 | 0.765 | 0.264 | 1.02 | |
| Barium | 125 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.242 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 8.31 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 5.87 | 0.255 | 0.151 | 1.02 | |
| Copper | 30.7 | 0.510 | 0.137 | 1.02 | B |
| Lead | 13.9 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.688 | 0.255 | 0.135 | 1.02 | |
| Nickel | 7.75 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | ND | 0.255 | 0.0875 | 1.02 | |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 18.9 | 0.255 | 0.144 | 1.02 | |
| Zinc | 64.0 | 1.02 | 0.181 | 1.02 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J20K21** | **14-07-1808-11-A** | **07/25/14 10:45** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:49** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 0.667 | 0.750 | 0.259 | 1.00 | J |
| Barium | 112 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.269 | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 7.25 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.21 | 0.250 | 0.148 | 1.00 | |
| Copper | 28.3 | 0.500 | 0.135 | 1.00 | |
| Lead | 14.8 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.466 | 0.250 | 0.132 | 1.00 | |
| Nickel | 7.00 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.362 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 17.3 | 0.250 | 0.141 | 1.00 | |
| Zinc | 51.0 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J19K20** | **14-07-1808-12-A** | **07/25/14 10:55** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:50** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | 0.460 | 0.735 | 0.254 | 0.980 | J |
| Barium | 98.0 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.262 | 0.245 | 0.134 | 0.980 | |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 6.73 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 3.90 | 0.245 | 0.145 | 0.980 | |
| Copper | 26.3 | 0.490 | 0.132 | 0.980 | |
| Lead | 10.1 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.368 | 0.245 | 0.129 | 0.980 | |
| Nickel | 6.08 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.356 | 0.245 | 0.0840 | 0.980 | |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 14.9 | 0.245 | 0.138 | 0.980 | |
| Zinc | 48.1 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J21K22** | **14-07-1808-13-A** | **07/25/14 11:00** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:51** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 0.578 | 0.754 | 0.260 | 1.01 | J |
| Barium | 97.5 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.233 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 6.11 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 4.27 | 0.251 | 0.149 | 1.01 | |
| Copper | 31.8 | 0.503 | 0.135 | 1.01 | |
| Lead | 15.6 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.624 | 0.251 | 0.133 | 1.01 | |
| Nickel | 6.14 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.359 | 0.251 | 0.0861 | 1.01 | |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 16.1 | 0.251 | 0.142 | 1.01 | |
| Zinc | 56.4 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H20J21** | **14-07-1808-14-A** | **07/25/14 11:05** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:52** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | ND | 0.739 | 0.255 | 0.985 | |
| Barium | 99.3 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.266 | 0.246 | 0.135 | 0.985 | |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 6.79 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 5.94 | 0.246 | 0.146 | 0.985 | |
| Copper | 28.8 | 0.493 | 0.133 | 0.985 | |
| Lead | 11.6 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.453 | 0.246 | 0.130 | 0.985 | |
| Nickel | 7.90 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.290 | 0.246 | 0.0844 | 0.985 | |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 19.2 | 0.246 | 0.139 | 0.985 | |
| Zinc | 50.1 | 0.985 | 0.175 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29** | **14-07-1808-15-A** | **07/25/14 11:15** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:53** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 0.778 | 0.739 | 0.255 | 0.985 | |
| Barium | 95.5 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.242 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 8.01 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 5.11 | 0.246 | 0.146 | 0.985 | |
| Copper | 29.3 | 0.493 | 0.133 | 0.985 | |
| Lead | 11.7 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.337 | 0.246 | 0.130 | 0.985 | |
| Nickel | 6.54 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.348 | 0.246 | 0.0844 | 0.985 | |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 19.4 | 0.246 | 0.139 | 0.985 | |
| Zinc | 55.5 | 0.985 | 0.175 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:54** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.17 | 0.758 | 0.262 | 1.01 | |
| Barium | 96.0 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.235 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.28 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.42 | 0.253 | 0.150 | 1.01 | |
| Copper | 31.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 15.7 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.821 | 0.253 | 0.133 | 1.01 | |
| Nickel | 6.11 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.332 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 15.4 | 0.253 | 0.143 | 1.01 | |
| Zinc | 54.6 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J22K23** | **14-07-1808-17-A** | **07/25/14 11:30** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:55** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 0.335 | 0.746 | 0.258 | 0.995 | J |
| Barium | 91.5 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.222 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 7.43 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 4.09 | 0.249 | 0.147 | 0.995 | |
| Copper | 18.2 | 0.498 | 0.134 | 0.995 | |
| Lead | 5.78 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.264 | 0.249 | 0.131 | 0.995 | |
| Nickel | 5.97 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.247 | 0.249 | 0.0853 | 0.995 | J |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 14.0 | 0.249 | 0.141 | 0.995 | |
| Zinc | 33.0 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H25J26** | **14-07-1808-18-A** | **07/25/14 11:50** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:56** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 0.396 | 0.739 | 0.255 | 0.985 | J |
| Barium | 186 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.252 | 0.246 | 0.135 | 0.985 | |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 7.64 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 8.13 | 0.246 | 0.146 | 0.985 | |
| Copper | 31.6 | 0.493 | 0.133 | 0.985 | |
| Lead | 14.5 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.664 | 0.246 | 0.130 | 0.985 | |
| Nickel | 6.83 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.187 | 0.246 | 0.0844 | 0.985 | J |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 30.4 | 0.246 | 0.139 | 0.985 | |
| Zinc | 59.2 | 0.985 | 0.175 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M26N29** | **14-07-1808-19-A** | **07/25/14 12:15** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 18:02** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | ND | 0.735 | 0.254 | 0.980 | |
| Barium | 98.5 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.223 | 0.245 | 0.134 | 0.980 | J |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 11.9 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 5.10 | 0.245 | 0.145 | 0.980 | |
| Copper | 10.9 | 0.490 | 0.132 | 0.980 | |
| Lead | 3.19 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.191 | 0.245 | 0.129 | 0.980 | J |
| Nickel | 6.13 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.237 | 0.245 | 0.0840 | 0.980 | J |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 24.1 | 0.245 | 0.138 | 0.980 | |
| Zinc | 30.4 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L26M29** | **14-07-1808-20-A** | **07/25/14 12:30** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 18:03** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 8.30 | 0.746 | 0.258 | 0.995 | |
| Barium | 89.1 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.230 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 10.5 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 5.55 | 0.249 | 0.147 | 0.995 | |
| Copper | 8.90 | 0.498 | 0.134 | 0.995 | |
| Lead | 1.86 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.527 | 0.249 | 0.131 | 0.995 | |
| Nickel | 37.0 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.311 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 59.0 | 0.249 | 0.141 | 0.995 | |
| Zinc | 27.9 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K26L29** | **14-07-1808-21-A** | **07/25/14 12:45** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:59** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.99 | 0.758 | 0.262 | 1.01 | |
| Barium | 167 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.209 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 9.85 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.96 | 0.253 | 0.150 | 1.01 | |
| Copper | 12.0 | 0.505 | 0.136 | 1.01 | B |
| Lead | 8.99 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.313 | 0.253 | 0.133 | 1.01 | |
| Nickel | 5.06 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.122 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 17.1 | 0.253 | 0.143 | 1.01 | |
| Zinc | 31.6 | 1.01 | 0.179 | 1.01 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26** | **14-07-1808-22-A** | **07/25/14 12:55** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 17:00** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 1.07 | 0.769 | 0.266 | 1.03 | |
| Barium | 109 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.217 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 7.14 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 4.08 | 0.256 | 0.152 | 1.03 | |
| Copper | 21.4 | 0.513 | 0.138 | 1.03 | B |
| Lead | 1.62 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.233 | 0.256 | 0.135 | 1.03 | J |
| Nickel | 4.02 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.147 | 0.256 | 0.0879 | 1.03 | J |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 15.0 | 0.256 | 0.145 | 1.03 | |
| Zinc | 45.8 | 1.03 | 0.182 | 1.03 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K24L25** | **14-07-1808-23-A** | **07/25/14 13:00** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 17:01** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.725 | 0.144 | 0.966 | |
| Arsenic | 2.04 | 0.725 | 0.250 | 0.966 | |
| Barium | 89.2 | 0.483 | 0.149 | 0.966 | |
| Beryllium | 0.207 | 0.242 | 0.132 | 0.966 | J |
| Cadmium | ND | 0.483 | 0.131 | 0.966 | |
| Chromium | 5.66 | 0.242 | 0.137 | 0.966 | |
| Cobalt | 4.84 | 0.242 | 0.143 | 0.966 | |
| Copper | 21.5 | 0.483 | 0.130 | 0.966 | B |
| Lead | 1.12 | 0.483 | 0.127 | 0.966 | |
| Molybdenum | 0.245 | 0.242 | 0.128 | 0.966 | |
| Nickel | 3.70 | 0.242 | 0.140 | 0.966 | |
| Selenium | ND | 0.725 | 0.289 | 0.966 | |
| Silver | 0.124 | 0.242 | 0.0828 | 0.966 | J |
| Thallium | ND | 0.725 | 0.147 | 0.966 | |
| Vanadium | 17.4 | 0.242 | 0.136 | 0.966 | |
| Zinc | 46.2 | 0.966 | 0.172 | 0.966 | B |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K23L24** | **14-07-1808-24-A** | **07/25/14 13:05** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 17:02** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | ND | 0.761 | 0.263 | 1.02 | |
| Barium | 89.7 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.205 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 6.66 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 3.96 | 0.254 | 0.150 | 1.02 | |
| Copper | 23.9 | 0.508 | 0.137 | 1.02 | B |
| Lead | 1.59 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.159 | 0.254 | 0.134 | 1.02 | J |
| Nickel | 4.09 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.151 | 0.254 | 0.0870 | 1.02 | J |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 14.7 | 0.254 | 0.143 | 1.02 | |
| Zinc | 44.6 | 1.02 | 0.180 | 1.02 | B |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 17:03** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 0.343 | 0.777 | 0.269 | 1.04 | J |
| Barium | 112 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.195 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 5.65 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.11 | 0.259 | 0.153 | 1.04 | |
| Copper | 27.6 | 0.518 | 0.140 | 1.04 | B |
| Lead | 1.24 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.238 | 0.259 | 0.137 | 1.04 | J |
| Nickel | 3.66 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.101 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 13.7 | 0.259 | 0.146 | 1.04 | |
| Zinc | 48.8 | 1.04 | 0.184 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L22M23** | **14-07-1808-26-A** | **07/25/14 13:20** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 17:05** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 1.29 | 0.777 | 0.269 | 1.04 | |
| Barium | 100 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.214 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | ND | 0.518 | 0.140 | 1.04 | |
| Chromium | 8.02 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 3.84 | 0.259 | 0.153 | 1.04 | |
| Copper | 48.9 | 0.518 | 0.140 | 1.04 | B |
| Lead | 1.86 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.198 | 0.259 | 0.137 | 1.04 | J |
| Nickel | 4.58 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.204 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 14.5 | 0.259 | 0.146 | 1.04 | |
| Zinc | 45.2 | 1.04 | 0.184 | 1.04 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K21L22** | **14-07-1808-27-A** | **07/25/14 13:30** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 17:06** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 0.989 | 0.746 | 0.258 | 0.995 | |
| Barium | 103 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.203 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 6.04 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 4.27 | 0.249 | 0.147 | 0.995 | |
| Copper | 27.0 | 0.498 | 0.134 | 0.995 | B |
| Lead | 1.17 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.215 | 0.249 | 0.131 | 0.995 | J |
| Nickel | 4.00 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.169 | 0.249 | 0.0853 | 0.995 | J |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 16.5 | 0.249 | 0.141 | 0.995 | |
| Zinc | 47.0 | 0.995 | 0.177 | 0.995 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18679** | **N/A** | **Solid** | **ICP 7300** | **07/29/14** | **07/31/14 15:43** | **140729L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | 0.639 | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | 0.418 | 1.00 | 0.178 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18678** | **N/A** | **Solid** | **ICP 7300** | **07/30/14** | **07/31/14 14:46** | **140730L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A22C23** | **14-07-1808-1-A** | **07/25/14 07:30** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 12:55** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0542 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A24C25** | **14-07-1808-2-A** | **07/25/14 07:45** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 12:44** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0136 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C25D26** | **14-07-1808-3-A** | **07/25/14 08:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 12:58** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0486 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C22D23** | **14-07-1808-4-A** | **07/25/14 08:15** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:00** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0251 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D21E22** | **14-07-1808-5-A** | **07/25/14 09:45** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:07** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0196 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D23E24** | **14-07-1808-6-A** | **07/25/14 10:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:09** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0129 | 0.0794 | 0.00559 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:11** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0577 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H18J19** | **14-07-1808-8-A** | **07/25/14 10:30** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:13** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0252 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20** | **14-07-1808-9-A** | **07/25/14 10:35** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:15** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0214 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:18** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0210 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J20K21** | **14-07-1808-11-A** | **07/25/14 10:45** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:03** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0163 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J19K20** | **14-07-1808-12-A** | **07/25/14 10:55** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:10** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0185 | 0.0806 | 0.00568 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J21K22** | **14-07-1808-13-A** | **07/25/14 11:00** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:12** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0267 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H20J21** | **14-07-1808-14-A** | **07/25/14 11:05** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:15** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0170 | 0.0781 | 0.00550 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29** | **14-07-1808-15-A** | **07/25/14 11:15** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:17** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0184 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:19** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0212 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J22K23** | **14-07-1808-17-A** | **07/25/14 11:30** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:26** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0204 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H25J26** | **14-07-1808-18-A** | **07/25/14 11:50** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:28** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0102 | 0.0847 | 0.00597 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M26N29** | **14-07-1808-19-A** | **07/25/14 12:15** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:30** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0110 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L26M29** | **14-07-1808-20-A** | **07/25/14 12:30** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:33** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0184 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K26L29** | **14-07-1808-21-A** | **07/25/14 12:45** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:20** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0263 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26** | **14-07-1808-22-A** | **07/25/14 12:55** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:22** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0206 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K24L25** | **14-07-1808-23-A** | **07/25/14 13:00** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:24** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0246 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K23L24** | **14-07-1808-24-A** | **07/25/14 13:05** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:27** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0343 | 0.0862 | 0.00607 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:33** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0183 | 0.0877 | 0.00618 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L22M23** | **14-07-1808-26-A** | **07/25/14 13:20** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:36** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0209 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K21L22** | **14-07-1808-27-A** | **07/25/14 13:30** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 13:38** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0160 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-20** | **N/A** | **Solid** | **Mercury 05** | **07/31/14** | **07/31/14 12:40** | **140731L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-21** | **N/A** | **Solid** | **Mercury 04** | **07/31/14** | **07/31/14 20:59** | **140731L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A22C23** | **14-07-1808-1-A** | **07/25/14 07:30** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 21:26** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 15 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A24C25** | **14-07-1808-2-A** | **07/25/14 07:45** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 21:44** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 14 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 82 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 72 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C25D26** | **14-07-1808-3-A** | **07/25/14 08:00** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 22:02** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 43 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 32 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C22D23** | **14-07-1808-4-A** | **07/25/14 08:15** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 22:20** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D21E22** | **14-07-1808-5-A** | **07/25/14 09:45** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 22:38** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 27 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 32 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D23E24** | **14-07-1808-6-A** | **07/25/14 10:00** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 22:56** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 100 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **GC 58** | **07/31/14** | **08/04/14 12:00** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 990 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 700 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 146 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H18J19** | **14-07-1808-8-A** | **07/25/14 10:30** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 00:08** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 56 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 160 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20** | **14-07-1808-9-A** | **07/25/14 10:35** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 00:26** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 40 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 91 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 00:44** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 54 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 170 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 200 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J20K21** | **14-07-1808-11-A** | **07/25/14 10:45** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 01:01** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 26 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 130 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 76 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J19K20** | **14-07-1808-12-A** | **07/25/14 10:55** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 01:20** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 190 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J21K22** | **14-07-1808-13-A** | **07/25/14 11:00** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 13:37** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 19 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 26 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H20J21** | **14-07-1808-14-A** | **07/25/14 11:05** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 01:55** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 260 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29** | **14-07-1808-15-A** | **07/25/14 11:15** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 02:13** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 800 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 02:31** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 13:19** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1200 | 250 | 61 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 76 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J22K23** | **14-07-1808-17-A** | **07/25/14 11:30** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 03:25** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 270 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H25J26** | **14-07-1808-18-A** | **07/25/14 11:50** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 03:43** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 14 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 71 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M26N29** | **14-07-1808-19-A** | **07/25/14 12:15** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 04:01** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L26M29** | **14-07-1808-20-A** | **07/25/14 12:30** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 04:19** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K26L29** | **14-07-1808-21-A** | **07/25/14 12:45** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 05:49** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 13 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 70 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26** | **14-07-1808-22-A** | **07/25/14 12:55** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 06:43** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 210 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 130 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K24L25** | **14-07-1808-23-A** | **07/25/14 13:00** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 07:01** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 70 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K23L24** | **14-07-1808-24-A** | **07/25/14 13:05** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 07:19** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **GC 58** | **07/31/14** | **08/04/14 16:22** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L22M23** | **14-07-1808-26-A** | **07/25/14 13:20** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 07:55** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 33 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 75 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K21L22** | **14-07-1808-27-A** | **07/25/14 13:30** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 08:13** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2778** | **N/A** | **Solid** | **GC 58** | **07/31/14** | **08/01/14 20:14** | **140731L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2779** | **N/A** | **Solid** | **GC 58** | **07/31/14** | **08/02/14 04:37** | **140731L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 78 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2783** | **N/A** | **Solid** | **GC 58** | **08/02/14** | **08/04/14 15:46** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A22C23** | **14-07-1808-1-A** | **07/25/14 07:30** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 19:42** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 8.9 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.88 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | 0.43 | 0.50 | 0.083 | 1.00 | J |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.25 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 3 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 78 | 33-123 | |
| p-Terphenyl-d14 | 101 | 27-159 | |
| Phenol-d6 | 30 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A24C25** | **14-07-1808-2-A** | **07/25/14 07:45** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 20:00** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 0.18 | 0.50 | 0.15 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | 0.32 | 0.50 | 0.24 | 1.00 | J |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 6 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 16 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C25D26** | **14-07-1808-3-A** | **07/25/14 08:00** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 20:18** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.16 | 0.50 | 0.097 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.70 | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.15 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 9 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C22D23** | **14-07-1808-4-A** | **07/25/14 08:15** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 20:37** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 12 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 78 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D21E22** | **14-07-1808-5-A** | **07/25/14 09:45** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 20:55** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | 0.51 | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.62 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | 0.11 | 0.50 | 0.11 | 1.00 | J |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | 0.48 | 0.50 | 0.10 | 1.00 | J |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 15 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 23 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D23E24** | **14-07-1808-6-A** | **07/25/14 10:00** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 21:13** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | 0.10 | 0.50 | 0.090 | 1.00 | J |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 18 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 65 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 21:32** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 14 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.29 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.34 | 0.50 | 0.095 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 2.9 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 21 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 81 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 19 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H18J19** | **14-07-1808-8-A** | **07/25/14 10:30** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 12:57** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.16 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.084 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.096 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.77 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.34 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 24 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 74 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20** | **14-07-1808-9-A** | **07/25/14 10:35** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 13:15** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.62 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | 0.27 | 0.50 | 0.12 | 1.00 | J |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 27 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 13:34** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.78 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.26 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 0.43 | 0.50 | 0.13 | 1.00 | J |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 30 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 84 | 27-120 | |
| 2-Fluorophenol | 3 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 40 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J20K21** | **14-07-1808-11-A** | **07/25/14 10:45** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 13:52** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 5.6 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 33 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 23 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J19K20** | **14-07-1808-12-A** | **07/25/14 10:55** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 14:11** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.68 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 36 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 71 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 16 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J21K22** | **14-07-1808-13-A** | **07/25/14 11:00** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 14:30** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.34 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.31 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

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|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 39 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H20J21** | **14-07-1808-14-A** | **07/25/14 11:05** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 14:48** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.26 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 42 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 78 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 24 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29** | **14-07-1808-15-A** | **07/25/14 11:15** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 15:07** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.097 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.15 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.18 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 45 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 24 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 15:26** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 4.8 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.42 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 3.1 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 48 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 26 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J22K23** | **14-07-1808-17-A** | **07/25/14 11:30** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 15:44** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 5.4 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 51 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 29 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H25J26** | **14-07-1808-18-A** | **07/25/14 11:50** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 16:03** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 1.0 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 54 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 25 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M26N29** | **14-07-1808-19-A** | **07/25/14 12:15** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 16:21** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 57 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 82 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L26M29** | **14-07-1808-20-A** | **07/25/14 12:30** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 16:40** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | 0.25 | 0.50 | 0.085 | 1.00 | J |
| Benzo (b) Fluoranthene | 0.18 | 0.50 | 0.084 | 1.00 | J |
| Benzo (g,h,i) Perylene | 0.25 | 0.50 | 0.090 | 1.00 | J |
| Benzo (k) Fluoranthene | 0.15 | 0.50 | 0.11 | 1.00 | J |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | 0.17 | 0.50 | 0.094 | 1.00 | J |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | 0.46 | 0.50 | 0.11 | 1.00 | J |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | 0.20 | 0.50 | 0.099 | 1.00 | J |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | 0.29 | 0.50 | 0.12 | 1.00 | J |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | 0.48 | 0.50 | 0.10 | 1.00 | J |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 60 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K26L29** | **14-07-1808-21-A** | **07/25/14 12:45** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 16:56** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 6.3 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 1.3 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 63 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 1 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26** | **14-07-1808-22-A** | **07/25/14 12:55** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 17:14** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 0.19 | 0.50 | 0.15 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.14 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.26 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.37 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 66 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K24L25** | **14-07-1808-23-A** | **07/25/14 13:00** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 17:33** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.84 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.82 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.51 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 69 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 69 | 33-123 | |
| p-Terphenyl-d14 | 95 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K23L24** | **14-07-1808-24-A** | **07/25/14 13:05** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 17:51** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 11 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 72 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 71 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 69 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 18:09** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.18 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.16 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 75 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 104 | 27-159 | |
| Phenol-d6 | 15 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 16:59** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 32 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 93 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 88 | 33-123 | |
| p-Terphenyl-d14 | 97 | 27-159 | |
| Phenol-d6 | 15 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L22M23** | **14-07-1808-26-A** | **07/25/14 13:20** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 18:28** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 1.5 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 78 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 99 | 27-159 | |
| Phenol-d6 | 21 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K21L22** | **14-07-1808-27-A** | **07/25/14 13:30** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 18:46** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 81 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-9** | **N/A** | **Solid** | **GC/MS TT** | **08/04/14** | **08/06/14 12:19** | **140804L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 84 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 88 | 25-120 | |
| Nitrobenzene-d5 | 88 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 89 | 26-122 | |
| 2,4,6-Tribromophenol | 90 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-10** | **N/A** | **Solid** | **GC/MS CCC** | **08/04/14** | **08/05/14 16:37** | **140804L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC / 32594-506 | | | Page 87 of 87 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 89 | 25-120 | |
| Nitrobenzene-d5 | 88 | 33-123 | |
| p-Terphenyl-d14 | 108 | 27-159 | |
| Phenol-d6 | 88 | 26-122 | |
| 2,4,6-Tribromophenol | 90 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A22C23** | **14-07-1808-1-A** | **07/25/14 07:30** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 16:13** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 18 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A24C25** | **14-07-1808-2-A** | **07/25/14 07:45** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 20:59** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 16 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.4 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.51 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 26 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C25D26** | **14-07-1808-3-A** | **07/25/14 08:00** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 21:25** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 30 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 3.9 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.87 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 0.57 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | 25 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 7.8 | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C22D23** | **14-07-1808-4-A** | **07/25/14 08:15** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 21:51** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 22 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 27 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D21E22** | **14-07-1808-5-A** | **07/25/14 09:45** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 22:17** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 39 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 5.5 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | 2.0 | 50 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.69 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D23E24** | **14-07-1808-6-A** | **07/25/14 10:00** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 22:43** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 29 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 38 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 23:09** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzene | 0.20 | 5.2 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | 10 | 52 | 3.9 | 1.00 | J |
| n-Butylbenzene | 14 | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | 0.70 | 5.2 | 0.60 | 1.00 | J |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | 5.5 | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | 3.5 | 52 | 1.8 | 1.00 | J |
| Isopropylbenzene | 0.69 | 5.2 | 0.57 | 1.00 | J |
| p-Isopropyltoluene | 2.1 | 5.2 | 0.65 | 1.00 | J |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | 86 | 52 | 0.84 | 1.00 | |
| n-Propylbenzene | 2.7 | 5.2 | 0.52 | 1.00 | J |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | 59 | 5.2 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | 66 | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 6.9 | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 22 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 12 | 5.2 | 0.58 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E22F23** | **14-07-1808-7-A** | **07/25/14 10:15** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 18:24** | **140730L031** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 680 | 13000 | 650 | 50.0 | J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 101 | 60-132 | |
| Dibromofluoromethane | 100 | 63-141 | |
| 1,2-Dichloroethane-d4 | 107 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H18J19** | **14-07-1808-8-A** | **07/25/14 10:30** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 23:35** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 85 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.14 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | 7.9 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | 0.18 | 5.1 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | 3.1 | 51 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 2.0 | 51 | 0.83 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | 0.26 | 5.1 | 0.21 | 1.00 | J |
| Toluene | 0.98 | 5.1 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.69 | 5.1 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20** | **14-07-1808-9-A** | **07/25/14 10:35** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 00:01** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 95 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.15 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | 11 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.4 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | 5.6 | 49 | 1.7 | 1.00 | J |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 6.4 | 49 | 4.2 | 1.00 | J |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | 0.87 | 4.9 | 0.20 | 1.00 | J |
| Toluene | 0.90 | 4.9 | 0.50 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | 0.25 | 4.9 | 0.22 | 1.00 | J |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 100 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 05:12** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 74 | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 0.19 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | 22 | 50 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 8.9 | 50 | 4.3 | 1.00 | J |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.76 | 5.0 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.74 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 37 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H21J22** | **14-07-1808-10-A** | **07/25/14 10:40** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/31/14 00:54** | **140730L031** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 13000 | 640 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 97 | 63-141 | |
| 1,2-Dichloroethane-d4 | 106 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J20K21** | **14-07-1808-11-A** | **07/25/14 10:45** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 03:29** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 37 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.14 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.18 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | 1.8 | 50 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 3.4 | 5.0 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J19K20** | **14-07-1808-12-A** | **07/25/14 10:55** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 05:38** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 140 | 120 | 6.0 | 1.00 | |
| Benzene | 0.13 | 4.8 | 0.12 | 1.00 | J |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.0 | 1.00 | |
| 2-Butanone | 9.5 | 48 | 3.6 | 1.00 | J |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.55 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.14 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.54 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.5 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.24 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.42 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.48 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.31 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.14 | 1.00 | |
| 2-Hexanone | 4.3 | 48 | 1.7 | 1.00 | J |
| Isopropylbenzene | ND | 4.8 | 0.52 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.60 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.1 | 1.00 | |
| Naphthalene | ND | 48 | 0.78 | 1.00 | |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | 0.71 | 4.8 | 0.49 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.5 | 0.87 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.21 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.79 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.52 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.5 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.53 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 29 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J21K22** | **14-07-1808-13-A** | **07/25/14 11:00** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 06:04** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 49 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | 4.6 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 0.20 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.1 | 4.9 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.91 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 31 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H20J21** | **14-07-1808-14-A** | **07/25/14 11:05** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 06:30** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 70 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29** | **14-07-1808-15-A** | **07/25/14 11:15** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 06:56** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 73 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 10 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 0.16 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | 4.2 | 50 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 5.4 | 50 | 4.3 | 1.00 | J |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.69 | 5.0 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.72 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26** | **14-07-1808-16-A** | **07/25/14 11:25** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 07:22** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.4 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.51 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.2 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 29 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J22K23** | **14-07-1808-17-A** | **07/25/14 11:30** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 07:47** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 56 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | 0.35 | 4.8 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | ND | 48 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | 1.3 | 4.8 | 0.58 | 1.00 | J |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | 2.2 | 4.8 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | 0.57 | 4.8 | 0.53 | 1.00 | J |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.49 | 1.00 | |
| p/m-Xylene | 1.4 | 4.8 | 0.26 | 1.00 | J |
| o-Xylene | 0.69 | 4.8 | 0.54 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 30 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H25J26** | **14-07-1808-18-A** | **07/25/14 11:50** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 08:13** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 52 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.20 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | 0.89 | 4.9 | 0.53 | 1.00 | J |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 1.2 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 44 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M26N29** | **14-07-1808-19-A** | **07/25/14 12:15** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 08:39** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 27 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 41 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L26M29** | **14-07-1808-20-A** | **07/25/14 12:30** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 09:04** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 26 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | ND | 48 | 0.78 | 1.00 | |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 29 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K26L29** | **14-07-1808-21-A** | **07/25/14 12:45** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 09:30** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 20 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 20 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 0.97 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 4.9 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | 4.3 | 5.0 | 0.63 | 1.00 | J |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 120 | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | 1.3 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 39 | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 22 | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 2.6 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 18 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 6.7 | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 24 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26** | **14-07-1808-22-A** | **07/25/14 12:55** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 09:56** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.23 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 0.26 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 1.0 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K24L25** | **14-07-1808-23-A** | **07/25/14 13:00** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 10:22** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 40 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.4 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 0.15 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.90 | 4.9 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.67 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 43 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K23L24** | **14-07-1808-24-A** | **07/25/14 13:05** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 10:48** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 32 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 0.39 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 3.6 | 5.0 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 0.62 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 1.8 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 1.3 | 5.0 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 40 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K22L23** | **14-07-1808-25-A** | **07/25/14 13:15** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 11:14** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 43 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 1.1 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.7 | 4.9 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 4.3 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 2.1 | 4.9 | 0.54 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 37 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L22M23** | **14-07-1808-26-A** | **07/25/14 13:20** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 11:40** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 54 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.72 | 5.0 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.49 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 41 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K21L22** | **14-07-1808-27-A** | **07/25/14 13:30** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 12:06** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 23 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.39 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 42 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 121 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-344** | **N/A** | **Solid** | **GC/MS Q** | **07/29/14** | **07/29/14 15:20** | **140729L015** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 108 | 63-141 | |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-347** | **N/A** | **Solid** | **GC/MS Q** | **07/29/14** | **07/30/14 03:03** | **140729L059** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 136 | 63-141 | |
| 1,2-Dichloroethane-d4 | 148 | 62-146 | 7 |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-349** | **N/A** | **Solid** | **GC/MS Q** | **07/30/14** | **07/30/14 16:14** | **140730L031** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 12000 | 620 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 106 | 63-141 | |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453
Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **A22C23** | **14-07-1808-1** | **07/25/14 07:30** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 3700 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/30/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **A24C25** | **14-07-1808-2** | **07/25/14 07:45** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 4300 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/30/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **C25D26** | **14-07-1808-3** | **07/25/14 08:00** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1500 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/30/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **C22D23** | **14-07-1808-4** | **07/25/14 08:15** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 3400 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/30/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **D21E22** | **14-07-1808-5** | **07/25/14 09:45** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1300 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **D23E24** | **14-07-1808-6** | **07/25/14 10:00** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 720 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **E22F23** | **14-07-1808-7** | **07/25/14 10:15** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 660 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453
Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **H18J19** | **14-07-1808-8** | **07/25/14 10:30** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 640 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **H19J20** | **14-07-1808-9** | **07/25/14 10:35** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 390 | 400 | 29 | 10.0 | J | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **H21J22** | **14-07-1808-10** | **07/25/14 10:40** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1200 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **J20K21** | **14-07-1808-11** | **07/25/14 10:45** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1100 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **J19K20** | **14-07-1808-12** | **07/25/14 10:55** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1400 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **J21K22** | **14-07-1808-13** | **07/25/14 11:00** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 970 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **H20J21** | **14-07-1808-14** | **07/25/14 11:05** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 310 | 400 | 29 | 10.0 | J | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453
Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **H26J29** | **14-07-1808-15** | **07/25/14 11:15** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 800 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **J25K26** | **14-07-1808-16** | **07/25/14 11:25** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1300 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **J22K23** | **14-07-1808-17** | **07/25/14 11:30** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1200 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **H25J26** | **14-07-1808-18** | **07/25/14 11:50** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1100 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **M26N29** | **14-07-1808-19** | **07/25/14 12:15** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 2800 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **L26M29** | **14-07-1808-20** | **07/25/14 12:30** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 3000 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **K26L29** | **14-07-1808-21** | **07/25/14 12:45** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 3700 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453
Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix |
|---|---|---|---|
| **K25L26** | **14-07-1808-22** | **07/25/14 12:55** | **Concrete** |

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1600 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **K24L25** | **14-07-1808-23** | **07/25/14 13:00** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1400 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **K23L24** | **14-07-1808-24** | **07/25/14 13:05** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1400 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **K22L23** | **14-07-1808-25** | **07/25/14 13:15** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1500 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **L22M23** | **14-07-1808-26** | **07/25/14 13:20** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1800 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **K21L22** | **14-07-1808-27** | **07/25/14 13:30** | **Concrete** |
|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | 1600 | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

| **Method Blank** | | | | | | | **N/A** | | **Solid** |
|---|---|---|---|---|---|---|---|---|---|

Comment(s): (24) - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Results | RL | MDL | DF | Qualifiers | Units | Date Prepared | Date Analyzed | Method |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent (24) | ND | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/30/14 | EPA 7199 |
| Chromium, Hexavalent (24) | ND | 400 | 29 | 10.0 | | ug/kg | 07/30/14 | 07/31/14 | EPA 7199 |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC / 32594-506 | | | Page 1 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A22C23** | **Sample** | **Concrete** | **IC 11** | **07/30/14** | **07/30/14 23:13** | **140730S01P** |
| **A22C23** | **Matrix Spike** | **Concrete** | **IC 11** | **07/30/14** | **07/30/14 23:19** | **140730S01P** |
| **A22C23** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/30/14** | **07/30/14 23:26** | **140730S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 3726 | 40000 | 47520 | 109 | 49290 | 114 | 75-125 | 4 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3060A
Method: EPA 7199

Project: UTC / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K26L29** | **Sample** | **Concrete** | **IC 11** | **07/30/14** | **07/31/14 02:40** | **140730S02P** |
| **K26L29** | **Matrix Spike** | **Concrete** | **IC 11** | **07/30/14** | **07/31/14 02:46** | **140730S02P** |
| **K26L29** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/30/14** | **07/31/14 02:52** | **140730S02P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 3668 | 40000 | 41320 | 94 | 41560 | 95 | 75-125 | 1 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC / 32594-506 | | | Page 3 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1690-21** | **Sample** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:53** | **140728S02** |
| **14-07-1690-21** | **Matrix Spike** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:19** | **140728S02** |
| **14-07-1690-21** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **07/28/14** | **07/29/14 02:36** | **140728S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 22.70 | 400.0 | 360.1 | 84 | 364.6 | 85 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC / 32594-506 | | | Page 4 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 03:56** | **140729S02** |
| **A24C25** | **Matrix Spike** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 03:09** | **140729S02** |
| **A24C25** | **Matrix Spike Duplicate** | **Concrete** | **GC 48** | **07/29/14** | **07/30/14 03:25** | **140729S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 150.9 | 400.0 | 670.5 | 130 | 666.9 | 129 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC / 32594-506 | | | Page 5 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 15:58** | **140729S09** |
| **A24C25** | **Matrix Spike** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 15:59** | **140729S09** |
| **A24C25** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **07/29/14** | **07/31/14 16:00** | **140729S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 9.216 | 37 | 10.12 | 40 | 50-115 | 9 | 0-20 | 3 |
| Arsenic | 1.869 | 25.00 | 27.08 | 101 | 27.83 | 104 | 75-125 | 3 | 0-20 | |
| Barium | 110.4 | 25.00 | 124.4 | 4X | 122.3 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | ND | 25.00 | 27.00 | 108 | 27.14 | 109 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 24.53 | 98 | 24.53 | 98 | 75-125 | 0 | 0-20 | |
| Chromium | 12.63 | 25.00 | 35.07 | 90 | 35.09 | 90 | 75-125 | 0 | 0-20 | |
| Cobalt | 4.258 | 25.00 | 29.77 | 102 | 29.61 | 101 | 75-125 | 1 | 0-20 | |
| Copper | 9.577 | 25.00 | 34.07 | 98 | 34.55 | 100 | 75-125 | 1 | 0-20 | |
| Lead | 1.613 | 25.00 | 25.35 | 95 | 25.44 | 95 | 75-125 | 0 | 0-20 | |
| Molybdenum | ND | 25.00 | 25.30 | 101 | 25.44 | 102 | 75-125 | 1 | 0-20 | |
| Nickel | 6.031 | 25.00 | 28.76 | 91 | 28.88 | 91 | 75-125 | 0 | 0-20 | |
| Selenium | ND | 25.00 | 25.04 | 100 | 24.32 | 97 | 75-125 | 3 | 0-20 | |
| Silver | ND | 12.50 | 14.45 | 116 | 14.49 | 116 | 75-125 | 0 | 0-20 | |
| Thallium | ND | 25.00 | 21.69 | 87 | 22.15 | 89 | 75-125 | 2 | 0-20 | |
| Vanadium | 18.56 | 25.00 | 43.38 | 99 | 43.36 | 99 | 75-125 | 0 | 0-20 | |
| Zinc | 21.24 | 25.00 | 42.54 | 85 | 42.09 | 83 | 75-125 | 1 | 0-20 | |

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC / 32594-506 | | | Page 6 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J20K21** | **Sample** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:49** | **140730S06** |
| **J20K21** | **Matrix Spike** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:44** | **140730S06** |
| **J20K21** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **07/30/14** | **07/31/14 17:48** | **140730S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 6.392 | 26 | 6.278 | 25 | 50-115 | 2 | 0-20 | 3 |
| Arsenic | ND | 25.00 | 27.05 | 108 | 25.22 | 101 | 75-125 | 7 | 0-20 | |
| Barium | 111.7 | 25.00 | 143.3 | 4X | 123.3 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | 0.2689 | 25.00 | 27.03 | 107 | 25.80 | 102 | 75-125 | 5 | 0-20 | |
| Cadmium | ND | 25.00 | 24.43 | 98 | 23.57 | 94 | 75-125 | 4 | 0-20 | |
| Chromium | 7.248 | 25.00 | 30.92 | 95 | 29.70 | 90 | 75-125 | 4 | 0-20 | |
| Cobalt | 5.213 | 25.00 | 31.40 | 105 | 29.14 | 96 | 75-125 | 7 | 0-20 | |
| Copper | 28.28 | 25.00 | 54.45 | 105 | 50.39 | 88 | 75-125 | 8 | 0-20 | |
| Lead | 14.83 | 25.00 | 34.98 | 81 | 73.48 | 235 | 75-125 | 71 | 0-20 | 3,4 |
| Molybdenum | 0.4663 | 25.00 | 25.62 | 101 | 23.62 | 93 | 75-125 | 8 | 0-20 | |
| Nickel | 7.003 | 25.00 | 30.18 | 93 | 27.91 | 84 | 75-125 | 8 | 0-20 | |
| Selenium | ND | 25.00 | 24.68 | 99 | 23.02 | 92 | 75-125 | 7 | 0-20 | |
| Silver | 0.3616 | 12.50 | 14.31 | 112 | 13.40 | 104 | 75-125 | 7 | 0-20 | |
| Thallium | ND | 25.00 | 21.38 | 86 | 20.35 | 81 | 75-125 | 5 | 0-20 | |
| Vanadium | 17.25 | 25.00 | 42.48 | 101 | 40.24 | 92 | 75-125 | 5 | 0-20 | |
| Zinc | 51.04 | 25.00 | 70.08 | 76 | 64.75 | 55 | 75-125 | 8 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J20K21** | **Sample** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:03** | **140731S05** |
| **J20K21** | **Matrix Spike** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:06** | **140731S05** |
| **J20K21** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 04** | **07/31/14** | **07/31/14 21:08** | **140731S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.8516 | 102 | 0.8327 | 100 | 80-120 | 2 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 7471A Total
Method: EPA 7471A
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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 12:44** | **140731S01** |
| **A24C25** | **Matrix Spike** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 12:46** | **140731S01** |
| **A24C25** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **07/31/14** | **07/31/14 12:49** | **140731S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.7500 | 90 | 0.7697 | 92 | 80-120 | 3 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC / 32594-506 | | | Page 9 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 21:44** | **140731S12** |
| **A24C25** | **Matrix Spike** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 20:50** | **140731S12** |
| **A24C25** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **07/31/14** | **08/01/14 21:08** | **140731S12** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 87.29 | 87 | 83.40 | 83 | 50-135 | 5 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 119.1 | 119 | 117.9 | 118 | 50-135 | 1 | 0-25 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC / 32594-506 | | | Page 10 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K26L29** | **Sample** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 05:49** | **140731S13** |
| **K26L29** | **Matrix Spike** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 05:13** | **140731S13** |
| **K26L29** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **07/31/14** | **08/02/14 05:31** | **140731S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 98.87 | 99 | 41.81 | 42 | 50-135 | 81 | 0-20 | 3,4 |
| Aroclor-1260 | ND | 100.0 | 96.84 | 97 | 53.83 | 54 | 50-135 | 57 | 0-25 | 4 |

RPD: Relative Percent Difference. CL: Control Limits



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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC / 32594-506 | | | Page 11 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1897-22** | **Sample** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 17:16** | **140802S13** |
| **14-07-1897-22** | **Matrix Spike** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 16:40** | **140802S13** |
| **14-07-1897-22** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 16:58** | **140802S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 89.22 | 89 | 82.54 | 83 | 50-135 | 8 | 0-20 | |
| Aroclor-1260 | 198.9 | 100.0 | 255.4 | 57 | 248.9 | 50 | 50-135 | 3 | 0-25 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 20:00** | **140804S01** |
| **A24C25** | **Matrix Spike** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 17:17** | **140804S01** |
| **A24C25** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS TT** | **08/04/14** | **08/06/14 17:36** | **140804S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.637 | 96 | 9.789 | 98 | 34-148 | 2 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.601 | 96 | 9.517 | 95 | 53-120 | 1 | 0-20 | |
| Aniline | ND | 10.00 | 8.174 | 82 | 8.224 | 82 | 80-120 | 1 | 0-20 | |
| Anthracene | ND | 10.00 | 9.614 | 96 | 9.494 | 95 | 80-120 | 1 | 0-20 | |
| Azobenzene | ND | 10.00 | 9.927 | 99 | 8.657 | 87 | 80-120 | 14 | 0-20 | |
| Benzidine | ND | 10.00 | 13.77 | 138 | 13.75 | 138 | 80-120 | 0 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 9.777 | 98 | 9.762 | 98 | 80-120 | 0 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 11.73 | 117 | 11.49 | 115 | 80-120 | 2 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 10.97 | 110 | 10.96 | 110 | 80-120 | 0 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 11.10 | 111 | 10.93 | 109 | 80-120 | 2 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 10.05 | 101 | 9.892 | 99 | 80-120 | 2 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 0.7430 | 7 | 0.7390 | 7 | 80-120 | 1 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 10.10 | 101 | 10.06 | 101 | 80-120 | 0 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 9.764 | 98 | 9.541 | 95 | 80-120 | 2 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 9.477 | 95 | 9.368 | 94 | 80-120 | 1 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 10.07 | 101 | 9.881 | 99 | 80-120 | 2 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 10.09 | 101 | 9.871 | 99 | 80-120 | 2 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 9.208 | 92 | 8.970 | 90 | 80-120 | 3 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.887 | 99 | 9.709 | 97 | 15-189 | 2 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 4.427 | 44 | 4.392 | 44 | 32-120 | 1 | 0-20 | |
| 4-Chloroaniline | ND | 10.00 | 8.667 | 87 | 8.751 | 88 | 80-120 | 1 | 0-20 | |
| 2-Chloronaphthalene | ND | 10.00 | 9.298 | 93 | 9.280 | 93 | 80-120 | 0 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.2178 | 2 | 0.2298 | 2 | 53-120 | 5 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 9.468 | 95 | 9.517 | 95 | 80-120 | 1 | 0-20 | |
| Chrysene | ND | 10.00 | 9.612 | 96 | 9.611 | 96 | 80-120 | 0 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 9.846 | 98 | 9.554 | 96 | 80-120 | 3 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 10.38 | 104 | 10.25 | 102 | 80-120 | 1 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 11.38 | 114 | 11.23 | 112 | 80-120 | 1 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 9.890 | 99 | 9.773 | 98 | 80-120 | 1 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 9.137 | 91 | 9.133 | 91 | 80-120 | 0 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 9.094 | 91 | 9.061 | 91 | 80-120 | 0 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 9.204 | 92 | 9.210 | 92 | 43-120 | 0 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 7.690 | 77 | 7.671 | 77 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 9.732 | 97 | 9.683 | 97 | 80-120 | 1 | 0-20 | |
| Dimethyl Phthalate | ND | 10.00 | 8.311 | 83 | 8.258 | 83 | 44-122 | 1 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 6.661 | 67 | 6.625 | 66 | 80-120 | 1 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 0.7424 | 7 | 0.7377 | 7 | 80-120 | 1 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.961 | 100 | 9.944 | 99 | 28-120 | 0 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 10.39 | 104 | 10.40 | 104 | 80-120 | 0 | 0-20 | |
| Fluoranthene | ND | 10.00 | 9.947 | 99 | 9.754 | 98 | 80-120 | 2 | 0-20 | |
| Fluorene | ND | 10.00 | 9.517 | 95 | 9.501 | 95 | 12-186 | 0 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 9.722 | 97 | 9.561 | 96 | 80-120 | 2 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 9.063 | 91 | 8.714 | 87 | 80-120 | 4 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 5.966 | 60 | 5.997 | 60 | 80-120 | 1 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 9.170 | 92 | 9.087 | 91 | 80-120 | 1 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 11.58 | 116 | 11.44 | 114 | 80-120 | 1 | 0-20 | |
| Isophorone | ND | 10.00 | 9.628 | 96 | 9.678 | 97 | 80-120 | 1 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.932 | 99 | 9.785 | 98 | 80-120 | 1 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 9.471 | 95 | 9.400 | 94 | 80-120 | 1 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 7.318 | 73 | 7.271 | 73 | 80-120 | 1 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 12.22 | 61 | 12.29 | 61 | 80-120 | 1 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 9.661 | 97 | 9.681 | 97 | 38-140 | 0 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 9.242 | 92 | 9.270 | 93 | 80-120 | 0 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 10.00 | 10.87 | 109 | 10.62 | 106 | 80-120 | 2 | 0-20 | |
| Naphthalene | ND | 10.00 | 9.409 | 94 | 9.282 | 93 | 20-140 | 1 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 10.37 | 104 | 10.65 | 106 | 80-120 | 3 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.636 | 96 | 9.670 | 97 | 80-120 | 0 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 10.25 | 103 | 10.21 | 102 | 80-120 | 0 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 9.491 | 95 | 9.437 | 94 | 80-120 | 1 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0.5046 | 5 | 0.5093 | 5 | 14-128 | 1 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0.5106 | 5 | 0.5336 | 5 | 80-120 | 4 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.1395 | 1 | 0.1505 | 2 | 10-124 | 8 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.558 | 96 | 9.553 | 96 | 80-120 | 0 | 0-20 | |
| Phenol | ND | 10.00 | 3.954 | 40 | 3.864 | 39 | 22-124 | 2 | 0-20 | |
| Pyrene | ND | 10.00 | 9.402 | 94 | 9.328 | 93 | 31-169 | 1 | 0-20 | |
| Pyridine | ND | 10.00 | 10.58 | 106 | 10.52 | 105 | 80-120 | 1 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 9.608 | 96 | 9.327 | 93 | 56-120 | 3 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K26L29** | **Sample** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 16:56** | **140804S02** |
| **K26L29** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 19:05** | **140804S02** |
| **K26L29** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/04/14** | **08/05/14 19:23** | **140804S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0.1634 | 2 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 8.922 | 89 | 7.965 | 80 | 34-148 | 11 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 8.756 | 88 | 7.865 | 79 | 53-120 | 11 | 0-20 | |
| Aniline | ND | 10.00 | 6.376 | 64 | 5.666 | 57 | 80-120 | 12 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 9.094 | 91 | 8.058 | 81 | 80-120 | 12 | 0-20 | |
| Azobenzene | ND | 10.00 | 9.556 | 96 | 8.338 | 83 | 80-120 | 14 | 0-20 | |
| Benzidine | ND | 10.00 | 9.384 | 94 | 9.239 | 92 | 80-120 | 2 | 0-20 | |
| Benzo (a) Anthracene | ND | 10.00 | 9.358 | 94 | 8.284 | 83 | 80-120 | 12 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 9.766 | 98 | 8.562 | 86 | 80-120 | 13 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 9.410 | 94 | 8.327 | 83 | 80-120 | 12 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 11.32 | 113 | 9.853 | 99 | 80-120 | 14 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 8.646 | 86 | 7.803 | 78 | 80-120 | 10 | 0-20 | 3 |
| Benzoic Acid | ND | 10.00 | 1.566 | 16 | 1.405 | 14 | 80-120 | 11 | 0-20 | 3 |
| Benzyl Alcohol | 6.262 | 10.00 | 14.68 | 84 | 11.92 | 57 | 80-120 | 21 | 0-20 | 3,4 |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 7.676 | 77 | 7.109 | 71 | 80-120 | 8 | 0-20 | 3 |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 7.831 | 78 | 7.044 | 70 | 80-120 | 11 | 0-20 | 3 |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 7.598 | 76 | 6.876 | 69 | 80-120 | 10 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 10.15 | 102 | 8.510 | 85 | 80-120 | 18 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 9.501 | 95 | 8.138 | 81 | 80-120 | 15 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 10.21 | 102 | 8.487 | 85 | 15-189 | 18 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 3.008 | 30 | 2.014 | 20 | 32-120 | 40 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 10.00 | 6.509 | 65 | 5.828 | 58 | 80-120 | 11 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 8.738 | 87 | 7.957 | 80 | 80-120 | 9 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.08647 | 1 | 0.1776 | 2 | 53-120 | 69 | 0-20 | 3,4 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 8.313 | 83 | 7.488 | 75 | 80-120 | 10 | 0-20 | 3 |
| Chrysene | ND | 10.00 | 8.940 | 89 | 7.914 | 79 | 80-120 | 12 | 0-20 | 3 |
| Di-n-Butyl Phthalate | ND | 10.00 | 8.792 | 88 | 7.783 | 78 | 80-120 | 12 | 0-20 | 3 |
| Di-n-Octyl Phthalate | ND | 10.00 | 9.650 | 97 | 8.334 | 83 | 80-120 | 15 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 11.32 | 113 | 9.855 | 99 | 80-120 | 14 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 8.851 | 89 | 7.900 | 79 | 80-120 | 11 | 0-20 | 3 |
| 1,2-Dichlorobenzene | ND | 10.00 | 7.535 | 75 | 6.896 | 69 | 80-120 | 9 | 0-20 | 3 |
| 1,3-Dichlorobenzene | ND | 10.00 | 7.417 | 74 | 6.962 | 70 | 80-120 | 6 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 10.00 | 7.314 | 73 | 6.831 | 68 | 43-120 | 7 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 7.665 | 77 | 6.916 | 69 | 80-120 | 10 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0.1589 | 2 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3545
Method: EPA 8270C



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 8.465 | 85 | 7.398 | 74 | 80-120 | 13 | 0-20 | 3 |
| Dimethyl Phthalate | ND | 10.00 | 7.440 | 74 | 6.389 | 64 | 44-122 | 15 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 5.625 | 56 | 4.980 | 50 | 80-120 | 12 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6120 | 6 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.229 | 12 | 1.146 | 11 | 80-120 | 7 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 8.535 | 85 | 7.345 | 73 | 28-120 | 15 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 9.012 | 90 | 7.991 | 80 | 80-120 | 12 | 0-20 | |
| Fluoranthene | ND | 10.00 | 7.804 | 78 | 7.508 | 75 | 80-120 | 4 | 0-20 | 3 |
| Fluorene | ND | 10.00 | 8.421 | 84 | 7.611 | 76 | 12-186 | 10 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 7.862 | 79 | 7.426 | 74 | 80-120 | 6 | 0-20 | 3 |
| Hexachlorobenzene | ND | 10.00 | 8.879 | 89 | 7.819 | 78 | 80-120 | 13 | 0-20 | 3 |
| Hexachlorocyclopentadiene | ND | 10.00 | 3.149 | 31 | 3.324 | 33 | 80-120 | 5 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 8.039 | 80 | 7.473 | 75 | 80-120 | 7 | 0-20 | 3 |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 11.80 | 118 | 10.19 | 102 | 80-120 | 15 | 0-20 | |
| Isophorone | ND | 10.00 | 7.613 | 76 | 6.986 | 70 | 80-120 | 9 | 0-20 | 3 |
| 2-Methylnaphthalene | ND | 10.00 | 8.321 | 83 | 7.519 | 75 | 80-120 | 10 | 0-20 | 3 |
| 1-Methylnaphthalene | ND | 10.00 | 7.782 | 78 | 6.945 | 69 | 80-120 | 11 | 0-20 | 3 |
| 2-Methylphenol | ND | 10.00 | 6.763 | 68 | 5.705 | 57 | 80-120 | 17 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 10.90 | 54 | 8.673 | 43 | 80-120 | 23 | 0-20 | 3,4 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 8.366 | 84 | 7.256 | 73 | 38-140 | 14 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 7.082 | 71 | 6.599 | 66 | 80-120 | 7 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 10.00 | 11.45 | 115 | 9.843 | 98 | 80-120 | 15 | 0-20 | |
| Naphthalene | 1.346 | 10.00 | 9.038 | 77 | 8.399 | 71 | 20-140 | 7 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 8.491 | 85 | 7.508 | 75 | 80-120 | 12 | 0-20 | 3 |
| 3-Nitroaniline | ND | 10.00 | 8.622 | 86 | 7.456 | 75 | 80-120 | 15 | 0-20 | 3 |
| 2-Nitroaniline | ND | 10.00 | 9.281 | 93 | 8.128 | 81 | 80-120 | 13 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 7.625 | 76 | 7.136 | 71 | 80-120 | 7 | 0-20 | 3 |
| 4-Nitrophenol | ND | 10.00 | 0.5098 | 5 | 0.2948 | 3 | 14-128 | 53 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0.1631 | 2 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.9459 | 9 | 0.9326 | 9 | 10-124 | 1 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.081 | 91 | 8.056 | 81 | 80-120 | 12 | 0-20 | |
| Phenol | ND | 10.00 | 3.269 | 33 | 2.262 | 23 | 22-124 | 36 | 0-20 | 4 |
| Pyrene | ND | 10.00 | 10.61 | 106 | 8.816 | 88 | 31-169 | 18 | 0-20 | |
| Pyridine | ND | 10.00 | 7.445 | 74 | 7.334 | 73 | 80-120 | 2 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 7.672 | 77 | 7.180 | 72 | 56-120 | 7 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0.1631 | 2 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0.1668 | 2 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A22C23** | **Sample** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 16:13** | **140729S015** |
| **A22C23** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 17:06** | **140729S015** |
| **A22C23** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/29/14 17:32** | **140729S015** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 66.98 | 134 | 67.13 | 134 | 70-130 | 0 | 0-20 | 3 |
| Benzene | ND | 50.00 | 45.57 | 91 | 44.45 | 89 | 61-127 | 2 | 0-20 | |
| Bromobenzene | ND | 50.00 | 41.24 | 82 | 41.33 | 83 | 70-130 | 0 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 49.27 | 99 | 47.00 | 94 | 70-130 | 5 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 39.76 | 80 | 37.63 | 75 | 70-130 | 5 | 0-20 | |
| Bromoform | ND | 50.00 | 43.07 | 86 | 40.99 | 82 | 70-130 | 5 | 0-20 | |
| Bromomethane | ND | 50.00 | 39.22 | 78 | 39.16 | 78 | 70-130 | 0 | 0-20 | |
| 2-Butanone | ND | 50.00 | 59.11 | 118 | 58.18 | 116 | 70-130 | 2 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 32.73 | 65 | 32.58 | 65 | 77-123 | 0 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 33.90 | 68 | 33.68 | 67 | 70-130 | 1 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 33.37 | 67 | 32.62 | 65 | 70-130 | 2 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 35.16 | 70 | 33.89 | 68 | 70-130 | 4 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 42.07 | 84 | 41.14 | 82 | 51-135 | 2 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 43.15 | 86 | 42.93 | 86 | 57-123 | 1 | 0-20 | |
| Chloroethane | ND | 50.00 | 53.34 | 107 | 50.55 | 101 | 70-130 | 5 | 0-20 | |
| Chloroform | ND | 50.00 | 49.51 | 99 | 47.67 | 95 | 70-130 | 4 | 0-20 | |
| Chloromethane | ND | 50.00 | 40.68 | 81 | 41.65 | 83 | 70-130 | 2 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 39.08 | 78 | 39.75 | 80 | 70-130 | 2 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 40.75 | 81 | 39.49 | 79 | 70-130 | 3 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 40.77 | 82 | 39.51 | 79 | 70-130 | 3 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 23.40 | 47 | 17.82 | 36 | 70-130 | 27 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 46.95 | 94 | 46.80 | 94 | 64-124 | 0 | 0-20 | |
| Dibromomethane | ND | 50.00 | 50.27 | 101 | 48.97 | 98 | 70-130 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 41.06 | 82 | 39.95 | 80 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 38.27 | 77 | 38.02 | 76 | 70-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 38.67 | 77 | 38.11 | 76 | 70-130 | 1 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 47.31 | 95 | 46.04 | 92 | 70-130 | 3 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 46.76 | 94 | 45.12 | 90 | 70-130 | 4 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 50.57 | 101 | 49.55 | 99 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 65.23 | 130 | 65.84 | 132 | 47-143 | 1 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 47.23 | 94 | 45.53 | 91 | 70-130 | 4 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 48.40 | 97 | 46.34 | 93 | 70-130 | 4 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 45.95 | 92 | 45.15 | 90 | 79-115 | 2 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 48.17 | 96 | 47.23 | 94 | 70-130 | 2 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 40.42 | 81 | 40.21 | 80 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 47.69 | 95 | 46.23 | 92 | 70-130 | 3 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 44.00 | 88 | 42.82 | 86 | 70-130 | 3 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 42.77 | 86 | 42.93 | 86 | 70-130 | 0 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 42.81 | 86 | 42.62 | 85 | 57-129 | 0 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 54.71 | 109 | 54.46 | 109 | 70-130 | 0 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 39.63 | 79 | 39.82 | 80 | 70-130 | 0 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 33.21 | 66 | 32.78 | 66 | 70-130 | 1 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 45.75 | 91 | 45.00 | 90 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 49.51 | 99 | 51.05 | 102 | 70-130 | 3 | 0-20 | |
| Naphthalene | ND | 50.00 | 37.16 | 74 | 37.76 | 76 | 70-130 | 2 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 38.44 | 77 | 38.80 | 78 | 70-130 | 1 | 0-20 | |
| Styrene | ND | 50.00 | 42.23 | 84 | 42.19 | 84 | 70-130 | 0 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 37.52 | 75 | 37.01 | 74 | 70-130 | 1 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 1.300 | 3 | 1.193 | 2 | 70-130 | 9 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 57.74 | 115 | 57.56 | 115 | 70-130 | 0 | 0-20 | |
| Toluene | ND | 50.00 | 46.10 | 92 | 45.24 | 90 | 63-123 | 2 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 27.86 | 56 | 27.84 | 56 | 70-130 | 0 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 28.54 | 57 | 28.63 | 57 | 70-130 | 0 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 44.93 | 90 | 43.62 | 87 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 28.05 | 56 | 23.28 | 47 | 70-130 | 19 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 44.49 | 89 | 42.90 | 86 | 70-130 | 4 | 0-20 | |
| Trichloroethene | ND | 50.00 | 83.15 | 166 | 81.06 | 162 | 44-158 | 3 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 43.65 | 87 | 42.44 | 85 | 70-130 | 3 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 41.40 | 83 | 40.86 | 82 | 70-130 | 1 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 56.34 | 113 | 54.12 | 108 | 70-130 | 4 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 35.98 | 72 | 37.01 | 74 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.6308 | 1 | 1.682 | 3 | 70-130 | 91 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 54.22 | 108 | 51.52 | 103 | 49-139 | 5 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 83.52 | 84 | 83.26 | 83 | 70-130 | 0 | 0-20 | |
| o-Xylene | ND | 50.00 | 41.48 | 83 | 41.78 | 84 | 70-130 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 45.11 | 90 | 43.90 | 88 | 57-123 | 3 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J20K21** | **Sample** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 03:29** | **140729S035** |
| **J20K21** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 03:55** | **140729S035** |
| **J20K21** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/28/14** | **07/30/14 04:20** | **140729S035** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 87.46 | 175 | 80.61 | 161 | 70-130 | 8 | 0-20 | 3 |
| Benzene | ND | 50.00 | 41.73 | 83 | 40.86 | 82 | 61-127 | 2 | 0-20 | |
| Bromobenzene | ND | 50.00 | 33.90 | 68 | 32.25 | 65 | 70-130 | 5 | 0-20 | 3 |
| Bromochloromethane | ND | 50.00 | 45.04 | 90 | 42.71 | 85 | 70-130 | 5 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 19.34 | 39 | 18.33 | 37 | 70-130 | 5 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 29.56 | 59 | 29.81 | 60 | 70-130 | 1 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 36.61 | 73 | 36.27 | 73 | 70-130 | 1 | 0-20 | |
| 2-Butanone | ND | 50.00 | 57.94 | 116 | 54.04 | 108 | 70-130 | 7 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 25.11 | 50 | 22.32 | 45 | 77-123 | 12 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 27.51 | 55 | 24.70 | 49 | 70-130 | 11 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 26.32 | 53 | 24.85 | 50 | 70-130 | 6 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 25.30 | 51 | 23.48 | 47 | 70-130 | 7 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 38.49 | 77 | 36.90 | 74 | 51-135 | 4 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 37.37 | 75 | 36.10 | 72 | 57-123 | 3 | 0-20 | |
| Chloroethane | ND | 50.00 | 46.20 | 92 | 45.71 | 91 | 70-130 | 1 | 0-20 | |
| Chloroform | ND | 50.00 | 45.02 | 90 | 43.60 | 87 | 70-130 | 3 | 0-20 | |
| Chloromethane | ND | 50.00 | 36.20 | 72 | 36.40 | 73 | 70-130 | 1 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 32.13 | 64 | 29.82 | 60 | 70-130 | 7 | 0-20 | 3 |
| 4-Chlorotoluene | ND | 50.00 | 32.16 | 64 | 30.92 | 62 | 70-130 | 4 | 0-20 | 3 |
| Dibromochloromethane | ND | 50.00 | 22.29 | 45 | 21.40 | 43 | 70-130 | 4 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 0.8866 | 2 | 0.9074 | 2 | 70-130 | 2 | 0-20 | 3 |
| 1,2-Dibromoethane | ND | 50.00 | 40.98 | 82 | 39.67 | 79 | 64-124 | 3 | 0-20 | |
| Dibromomethane | ND | 50.00 | 45.59 | 91 | 44.81 | 90 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 31.28 | 63 | 29.77 | 60 | 35-131 | 5 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 29.59 | 59 | 28.01 | 56 | 70-130 | 5 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 50.00 | 29.96 | 60 | 28.22 | 56 | 70-130 | 6 | 0-20 | 3 |
| Dichlorodifluoromethane | ND | 50.00 | 40.25 | 81 | 40.34 | 81 | 70-130 | 0 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 44.14 | 88 | 42.64 | 85 | 70-130 | 3 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 45.97 | 92 | 44.76 | 90 | 70-130 | 3 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 79.55 | 159 | 76.19 | 152 | 47-143 | 4 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 44.94 | 90 | 43.05 | 86 | 70-130 | 4 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 45.25 | 91 | 43.98 | 88 | 70-130 | 3 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 41.32 | 83 | 41.45 | 83 | 79-115 | 0 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 43.31 | 87 | 42.02 | 84 | 70-130 | 3 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 36.00 | 72 | 35.32 | 71 | 70-130 | 2 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 44.32 | 89 | 41.88 | 84 | 70-130 | 6 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 35.73 | 71 | 35.45 | 71 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 36.37 | 73 | 35.23 | 70 | 70-130 | 3 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 36.73 | 73 | 34.37 | 69 | 57-129 | 7 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 50.56 | 101 | 49.70 | 99 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 33.05 | 66 | 30.26 | 61 | 70-130 | 9 | 0-20 | 3 |
| p-Isopropyltoluene | ND | 50.00 | 25.93 | 52 | 23.39 | 47 | 70-130 | 10 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 43.48 | 87 | 41.62 | 83 | 70-130 | 4 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 47.59 | 95 | 47.61 | 95 | 70-130 | 0 | 0-20 | |
| Naphthalene | ND | 50.00 | 28.54 | 57 | 27.14 | 54 | 70-130 | 5 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 31.13 | 62 | 28.42 | 57 | 70-130 | 9 | 0-20 | 3 |
| Styrene | ND | 50.00 | 35.28 | 71 | 33.89 | 68 | 70-130 | 4 | 0-20 | 3 |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 24.87 | 50 | 23.76 | 48 | 70-130 | 5 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 1.059 | 2 | 0.9560 | 2 | 70-130 | 10 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 50.03 | 100 | 46.85 | 94 | 70-130 | 7 | 0-20 | |
| Toluene | ND | 50.00 | 41.08 | 82 | 40.28 | 81 | 63-123 | 2 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 19.83 | 40 | 18.15 | 36 | 70-130 | 9 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 19.84 | 40 | 18.26 | 37 | 70-130 | 8 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 41.59 | 83 | 40.23 | 80 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 2.411 | 5 | 1.995 | 4 | 70-130 | 19 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 40.52 | 81 | 37.33 | 75 | 70-130 | 8 | 0-20 | |
| Trichloroethene | ND | 50.00 | 81.04 | 162 | 79.75 | 160 | 44-158 | 2 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 30.48 | 61 | 29.41 | 59 | 70-130 | 4 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 29.39 | 59 | 27.88 | 56 | 70-130 | 5 | 0-20 | 3 |
| Trichlorofluoromethane | ND | 50.00 | 48.24 | 96 | 47.22 | 94 | 70-130 | 2 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 28.75 | 57 | 26.13 | 52 | 70-130 | 10 | 0-20 | 3 |
| Vinyl Acetate | ND | 50.00 | 0.9356 | 2 | 0.4541 | 1 | 70-130 | 69 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 47.26 | 95 | 47.08 | 94 | 49-139 | 0 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 70.14 | 70 | 65.99 | 66 | 70-130 | 6 | 0-20 | 3 |
| o-Xylene | ND | 50.00 | 34.92 | 70 | 32.86 | 66 | 70-130 | 6 | 0-20 | 3 |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 42.64 | 85 | 41.28 | 83 | 57-123 | 3 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC / 32594-506 | | | Page 20 of 20 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1624-15** | **Sample** | **Solid** | **GC/MS Q** | **07/30/14** | **07/30/14 16:40** | **140730S014** |
| **14-07-1624-15** | **Matrix Spike** | **Solid** | **GC/MS Q** | **07/30/14** | **07/30/14 17:32** | **140730S014** |
| **14-07-1624-15** | **Matrix Spike Duplicate** | **Solid** | **GC/MS Q** | **07/30/14** | **07/30/14 17:58** | **140730S014** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 48.86 | 98 | 49.47 | 99 | 61-127 | 1 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 48.60 | 97 | 50.94 | 102 | 51-135 | 5 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 48.70 | 97 | 50.41 | 101 | 57-123 | 3 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 48.70 | 97 | 51.75 | 103 | 64-124 | 6 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 48.06 | 96 | 49.10 | 98 | 35-131 | 2 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 53.24 | 106 | 53.31 | 107 | 80-120 | 0 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 49.79 | 100 | 50.35 | 101 | 47-143 | 1 | 0-25 | |
| Ethylbenzene | ND | 50.00 | 49.60 | 99 | 51.17 | 102 | 57-129 | 3 | 0-22 | |
| Toluene | ND | 50.00 | 50.73 | 101 | 51.83 | 104 | 63-123 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 54.41 | 109 | 57.35 | 115 | 44-158 | 5 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 61.96 | 124 | 62.68 | 125 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 98.03 | 98 | 101.0 | 101 | 70-130 | 3 | 0-30 | |
| o-Xylene | ND | 50.00 | 48.26 | 97 | 50.04 | 100 | 70-130 | 4 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 46.15 | 92 | 47.93 | 96 | 57-123 | 4 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC / 32594-506 | | | Page 1 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **ICP 7300** | **07/29/14 00:00** | **07/31/14 15:58** | **140729S09** |
| **A24C25** | **PDS** | **Concrete** | **ICP 7300** | **07/29/14 00:00** | **07/31/14 16:03** | **140729S09** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 25.45 | 102 | 75-125 | |
| Arsenic | 1.869 | 25.00 | 29.27 | 110 | 75-125 | |
| Barium | 110.4 | 25.00 | 136.1 | 4X | 75-125 | Q |
| Beryllium | ND | 25.00 | 27.48 | 110 | 75-125 | |
| Cadmium | ND | 25.00 | 24.39 | 98 | 75-125 | |
| Chromium | 12.63 | 25.00 | 38.27 | 103 | 75-125 | |
| Cobalt | 4.258 | 25.00 | 30.92 | 107 | 75-125 | |
| Copper | 9.577 | 25.00 | 35.91 | 105 | 75-125 | |
| Lead | 1.613 | 25.00 | 26.27 | 99 | 75-125 | |
| Molybdenum | ND | 25.00 | 26.39 | 106 | 75-125 | |
| Nickel | 6.031 | 25.00 | 30.65 | 98 | 75-125 | |
| Selenium | ND | 25.00 | 24.94 | 100 | 75-125 | |
| Silver | ND | 12.50 | 13.16 | 105 | 75-125 | |
| Thallium | ND | 25.00 | 21.65 | 87 | 75-125 | |
| Vanadium | 18.56 | 25.00 | 45.46 | 108 | 75-125 | |
| Zinc | 21.24 | 25.00 | 44.33 | 92 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **J20K21** | **Sample** | **Concrete** | **ICP 7300** | **07/30/14 00:00** | **07/31/14 17:49** | **140730S06** |
| **J20K21** | **PDS** | **Concrete** | **ICP 7300** | **07/30/14 00:00** | **07/31/14 16:02** | **140730S06** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 23.38 | 94 | 75-125 | |
| Arsenic | ND | 25.00 | 26.85 | 107 | 75-125 | |
| Barium | 111.7 | 25.00 | 137.8 | 4X | 75-125 | Q |
| Beryllium | 0.2689 | 25.00 | 27.02 | 107 | 75-125 | |
| Cadmium | ND | 25.00 | 23.81 | 95 | 75-125 | |
| Chromium | 7.248 | 25.00 | 32.26 | 100 | 75-125 | |
| Cobalt | 5.213 | 25.00 | 30.74 | 102 | 75-125 | |
| Copper | 28.28 | 25.00 | 52.27 | 96 | 75-125 | |
| Lead | 14.83 | 25.00 | 35.00 | 81 | 75-125 | |
| Molybdenum | 0.4663 | 25.00 | 25.76 | 101 | 75-125 | |
| Nickel | 7.003 | 25.00 | 30.82 | 95 | 75-125 | |
| Selenium | ND | 25.00 | 24.33 | 97 | 75-125 | |
| Silver | 0.3616 | 12.50 | 12.88 | 100 | 75-125 | |
| Thallium | ND | 25.00 | 20.93 | 84 | 75-125 | |
| Vanadium | 17.25 | 25.00 | 43.55 | 105 | 75-125 | |
| Zinc | 51.04 | 25.00 | 71.21 | 81 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC / 32594-506 | | | Page 3 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A24C25** | **Sample** | **Concrete** | **Mercury 05** | **07/31/14 00:00** | **07/31/14 12:44** | **140731S01** |
| **A24C25** | **PDS** | **Concrete** | **Mercury 05** | **07/31/14 00:00** | **07/31/14 12:51** | **140731S01** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.7799 | 93 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC / 32594-506 | | | Page 1 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2692** | **LCS** | **Solid** | **IC 11** | **07/30/14** | **07/30/14 23:07** | **140730L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19910 | 100 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC / 32594-506 | | | Page 2 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2693** | **LCS** | **Solid** | **IC 11** | **07/30/14** | **07/31/14 02:27** | **140730L02P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20700 | 103 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC / 32594-506 | | | Page 3 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1050** | **LCS** | **Solid** | **GC 46** | **07/28/14** | **07/29/14 02:02** | **140728B02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 377.5 | 94 | 75-123 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC / 32594-506 | | | Page 4 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1054** | **LCS** | **Solid** | **GC 48** | **07/29/14** | **07/30/14 02:53** | **140729B02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 482.5 | 121 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC / 32594-506 | | | Page 5 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18679** | **LCS** | **Solid** | **ICP 7300** | **07/29/14** | **07/31/14 15:49** | **140729L09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 27.70 | 111 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 25.82 | 103 | 80-120 | 73-127 | |
| Barium | 25.00 | 27.81 | 111 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 26.10 | 104 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.86 | 107 | 80-120 | 73-127 | |
| Chromium | 25.00 | 27.57 | 110 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 29.54 | 118 | 80-120 | 73-127 | |
| Copper | 25.00 | 27.12 | 108 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.98 | 108 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 26.73 | 107 | 80-120 | 73-127 | |
| Nickel | 25.00 | 28.50 | 114 | 80-120 | 73-127 | |
| Selenium | 25.00 | 24.38 | 98 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.44 | 108 | 80-120 | 73-127 | |
| Thallium | 25.00 | 27.31 | 109 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 27.47 | 110 | 80-120 | 73-127 | |
| Zinc | 25.00 | 25.86 | 103 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC / 32594-506 | | | Page 6 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18678** | **LCS** | **Solid** | **ICP 7300** | **07/30/14** | **07/31/14 14:51** | **140730L06** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 28.01 | 112 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 26.17 | 105 | 80-120 | 73-127 | |
| Barium | 25.00 | 27.19 | 109 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.83 | 103 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.54 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.72 | 107 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 29.78 | 119 | 80-120 | 73-127 | |
| Copper | 25.00 | 27.15 | 109 | 80-120 | 73-127 | |
| Lead | 25.00 | 27.23 | 109 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 26.82 | 107 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.81 | 111 | 80-120 | 73-127 | |
| Selenium | 25.00 | 24.82 | 99 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.11 | 105 | 80-120 | 73-127 | |
| Thallium | 25.00 | 27.37 | 109 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.79 | 107 | 80-120 | 73-127 | |
| Zinc | 25.00 | 27.05 | 108 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC / 32594-506 | | | Page 7 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-21** | **LCS** | **Solid** | **Mercury 04** | **07/31/14** | **07/31/14 21:01** | **140731L05D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8594 | 103 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC / 32594-506 | | | Page 8 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-20** | **LCS** | **Solid** | **Mercury 05** | **07/31/14** | **07/31/14 12:42** | **140731L01D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.7232 | 87 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC / 32594-506 | | | Page 9 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2778** | **LCS** | **Solid** | **GC 58** | **07/31/14** | **08/01/14 20:32** | **140731L12** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 83.50 | 83 | 50-135 | |
| Aroclor-1260 | 100.0 | 95.59 | 96 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC / 32594-506 | | | Page 10 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2779** | **LCS** | **Solid** | **GC 58** | **07/31/14** | **08/02/14 04:55** | **140731L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 80.88 | 81 | 50-135 | |
| Aroclor-1260 | 100.0 | 101.2 | 101 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC / 32594-506 | | | Page 11 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2783** | **LCS** | **Solid** | **GC 58** | **08/02/14** | **08/04/14 16:04** | **140802L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 95.13 | 95 | 50-135 | |
| Aroclor-1260 | 100.0 | 102.4 | 102 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC / 32594-506 | | | Page 12 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-9** | **LCS** | **Solid** | **GC/MS TT** | **08/04/14** | **08/06/14 12:38** | **140804L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 9.039 | 90 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 9.002 | 90 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.890 | 89 | 52-120 | 41-131 | |
| Aniline | 10.00 | 8.580 | 86 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.626 | 86 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 9.665 | 97 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 12.60 | 126 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.212 | 92 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 10.47 | 105 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 8.892 | 89 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.46 | 105 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 9.207 | 92 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 3.617 | 36 | 50-130 | 37-143 | X |
| Benzyl Alcohol | 10.00 | 9.462 | 95 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 9.129 | 91 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 8.717 | 87 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 9.134 | 91 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.617 | 96 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.552 | 86 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.410 | 94 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.619 | 96 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 8.592 | 86 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 8.729 | 87 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 9.144 | 91 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.903 | 89 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 9.072 | 91 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 9.612 | 96 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 10.04 | 100 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 10.72 | 107 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 9.220 | 92 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 8.652 | 87 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 8.460 | 85 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 8.559 | 86 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 9.020 | 90 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 9.323 | 93 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 9.748 | 97 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 9.199 | 92 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 9.166 | 92 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC / 32594-506 | | | Page 13 of 21 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 9.575 | 96 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 8.441 | 84 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 10.17 | 102 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 9.897 | 99 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 9.584 | 96 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 8.937 | 89 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 8.947 | 89 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.622 | 86 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 6.426 | 64 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.629 | 86 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 10.92 | 109 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 9.401 | 94 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.246 | 92 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 8.923 | 89 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 9.410 | 94 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 18.10 | 91 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 9.046 | 90 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 8.852 | 89 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 10.03 | 100 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 8.681 | 87 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 10.49 | 105 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.680 | 97 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 9.640 | 96 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.815 | 88 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.205 | 92 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 9.221 | 92 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 8.277 | 83 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 9.129 | 91 | 54-120 | 43-131 | |
| Phenol | 10.00 | 9.061 | 91 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 8.876 | 89 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 10.55 | 105 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 8.722 | 87 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.826 | 88 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 8.814 | 88 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC / 32594-506 | | | Page 14 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-10** | **LCS** | **Solid** | **GC/MS CCC** | **08/04/14** | **08/05/14 16:19** | **140804L02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.509 | 85 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 8.621 | 86 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.497 | 85 | 52-120 | 41-131 | |
| Aniline | 10.00 | 7.387 | 74 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.657 | 87 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 9.112 | 91 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 10.08 | 101 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.131 | 91 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 9.676 | 97 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 9.092 | 91 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 11.03 | 110 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 8.956 | 90 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 11.05 | 110 | 50-130 | 37-143 | |
| Benzyl Alcohol | 10.00 | 8.301 | 83 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 8.229 | 82 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 7.763 | 78 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 7.522 | 75 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.396 | 94 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 9.090 | 91 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.560 | 96 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 8.228 | 82 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 7.311 | 73 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 8.688 | 87 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 8.273 | 83 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.132 | 81 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 8.765 | 88 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 8.564 | 86 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 9.331 | 93 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 11.05 | 110 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 8.569 | 86 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 7.692 | 77 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 7.740 | 77 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 7.651 | 77 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 8.209 | 82 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.560 | 86 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 8.328 | 83 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 8.317 | 83 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 8.889 | 89 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC / 32594-506 | | | Page 15 of 21 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 4.751 | 48 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 4.081 | 41 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 8.452 | 85 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 8.724 | 87 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 8.090 | 81 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 8.169 | 82 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 8.613 | 86 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.686 | 87 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 5.917 | 59 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 7.717 | 77 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 11.42 | 114 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 8.243 | 82 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 8.440 | 84 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 7.795 | 78 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 8.252 | 83 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 16.07 | 80 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 7.779 | 78 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 7.455 | 75 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 10.77 | 108 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 8.093 | 81 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 8.075 | 81 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 8.226 | 82 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 8.973 | 90 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.178 | 82 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.388 | 94 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.501 | 85 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 9.235 | 92 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 8.757 | 88 | 54-120 | 43-131 | |
| Phenol | 10.00 | 8.103 | 81 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.739 | 97 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 8.898 | 89 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 8.145 | 81 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 9.183 | 92 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 9.101 | 91 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-344** | **LCS** | **Solid** | **GC/MS Q** | **07/29/14** | **07/29/14 14:20** | **140729L015** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 54.02 | 108 | 70-130 | 60-140 | |
| Benzene | 50.00 | 51.93 | 104 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 49.88 | 100 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 52.72 | 105 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 51.06 | 102 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 48.22 | 96 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 56.77 | 114 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 56.03 | 112 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 53.25 | 106 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 52.47 | 105 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 51.45 | 103 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 46.53 | 93 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 51.89 | 104 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 51.85 | 104 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 61.05 | 122 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 54.80 | 110 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 49.77 | 100 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 52.23 | 104 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 51.83 | 104 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 50.68 | 101 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 44.33 | 89 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 50.82 | 102 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 53.07 | 106 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.61 | 99 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 50.26 | 101 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 50.06 | 100 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 54.91 | 110 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 51.34 | 103 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 53.48 | 107 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 53.61 | 107 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 52.46 | 105 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 53.55 | 107 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.54 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 51.92 | 104 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 47.32 | 95 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 55.45 | 111 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 50.50 | 101 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 48.07 | 96 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC / 32594-506 | | | Page 17 of 21 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 53.25 | 107 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 54.03 | 108 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 53.69 | 107 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 51.91 | 104 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.07 | 102 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 49.77 | 100 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 46.27 | 93 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 54.10 | 108 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.59 | 103 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 47.90 | 96 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.76 | 100 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 55.86 | 112 | 70-130 | 60-140 | |
| Toluene | 50.00 | 53.76 | 108 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 44.12 | 88 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 45.74 | 91 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 51.55 | 103 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 52.54 | 105 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 52.55 | 105 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 54.84 | 110 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 46.79 | 94 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 51.90 | 104 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 66.41 | 133 | 70-130 | 60-140 | ME |
| 1,3,5-Trimethylbenzene | 50.00 | 51.96 | 104 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 44.57 | 89 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 62.34 | 125 | 68-122 | 59-131 | ME |
| p/m-Xylene | 100.0 | 105.0 | 105 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 52.29 | 105 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.66 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC / 32594-506

Date Received: 07/25/14
Work Order: 14-07-1808
Preparation: EPA 5030C
Method: EPA 8260B



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-347** | **LCS** | **Solid** | **GC/MS Q** | **07/29/14** | **07/30/14 02:10** | **140729L059** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 51.22 | 102 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.60 | 99 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 49.36 | 99 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 52.94 | 106 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 52.01 | 104 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 48.72 | 97 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 47.63 | 95 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 57.85 | 116 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 48.30 | 97 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.35 | 99 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 47.87 | 96 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 42.56 | 85 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 49.44 | 99 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 50.10 | 100 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 52.02 | 104 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 55.36 | 111 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 42.20 | 84 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 49.11 | 98 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 49.01 | 98 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 51.74 | 103 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 46.13 | 92 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 50.86 | 102 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 54.38 | 109 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 48.13 | 96 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 47.57 | 95 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 47.11 | 94 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 44.71 | 89 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 50.70 | 101 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 54.36 | 109 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 50.22 | 100 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 52.30 | 105 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 53.10 | 106 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.35 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 52.18 | 104 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 43.05 | 86 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 52.43 | 105 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 49.60 | 99 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 48.50 | 97 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC / 32594-506 | | | Page 19 of 21 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 50.31 | 101 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 53.38 | 107 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.57 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 48.35 | 97 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.89 | 102 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 44.84 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 50.37 | 101 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.70 | 99 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 47.93 | 96 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 48.69 | 97 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 58.07 | 116 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.60 | 103 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 41.34 | 83 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 40.37 | 81 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 50.12 | 100 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 52.75 | 106 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 50.45 | 101 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 53.25 | 107 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 46.80 | 94 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 47.79 | 96 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 55.39 | 111 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 48.38 | 97 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 44.58 | 89 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 52.72 | 105 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 97.95 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.62 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.16 | 96 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC / 32594-506 | | | Page 20 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-349** | **LCS** | **Solid** | **GC/MS Q** | **07/30/14** | **07/30/14 14:50** | **140730L031** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 55.61 | 111 | 70-130 | 60-140 | |
| Benzene | 50.00 | 52.20 | 104 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 50.18 | 100 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 54.81 | 110 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 53.43 | 107 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 50.52 | 101 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 55.43 | 111 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 59.30 | 119 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 52.45 | 105 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 52.42 | 105 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 50.50 | 101 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 46.31 | 93 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 54.01 | 108 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 52.31 | 105 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 55.45 | 111 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 57.41 | 115 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 46.38 | 93 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 51.76 | 104 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 51.85 | 104 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 53.58 | 107 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 47.89 | 96 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 51.76 | 104 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 55.53 | 111 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 50.95 | 102 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 50.56 | 101 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 50.40 | 101 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 47.77 | 96 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 53.39 | 107 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 56.50 | 113 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 53.71 | 107 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 53.93 | 108 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 54.85 | 110 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 52.51 | 105 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 53.23 | 106 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 47.89 | 96 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 55.47 | 111 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 52.73 | 105 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 51.62 | 103 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/25/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1808 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC / 32594-506 | | | Page 21 of 21 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 52.93 | 106 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 55.05 | 110 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 53.13 | 106 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 51.20 | 102 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 52.98 | 106 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.77 | 102 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 46.09 | 92 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 53.54 | 107 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.08 | 102 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 50.21 | 100 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 50.54 | 101 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 57.90 | 116 | 70-130 | 60-140 | |
| Toluene | 50.00 | 54.45 | 109 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 43.87 | 88 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 44.53 | 89 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 52.84 | 106 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 54.65 | 109 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 52.94 | 106 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 54.62 | 109 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 49.27 | 99 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 51.18 | 102 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 60.70 | 121 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 51.16 | 102 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 47.30 | 95 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 57.15 | 114 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 103.7 | 104 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 51.77 | 104 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.78 | 98 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits



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# Sample Analysis Summary Report

Work Order: 14-07-1808 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 650 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 04 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 46 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 48 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 58 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 449 | GC/MS TT | 1 |
| EPA 8270C | EPA 3545 | 449 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-07-1808 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-1808

Date 7.25.14

Page 2 of 3

LABORATORY CLIENT: Haley & Aldrich Inc

ADDRESS: 3187 Red Hill S155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 951.288.9371 E-MAIL: sboston@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTC 32594-506

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) Boston

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

Use Sample Collection times as indicated on COC

July 28, 2014 6:27 PM

## REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6-C36) or (C6-C44) | TPH (8015m) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metals (Comm) 6020/200.8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | J20 K21 | 7-25-14 | 1045 | Conc | 1 | X | | | | | X | | X | | | X | | X | | | | | | SAB |
| 12 | J19 K20 | | 1055 | | | | | | | | | | | | | | | | | | | | | SAB |
| 13 | J21 K22 | | 1100 | | | | | | | | | | | | | | | | | | | | | SAB |
| 14 | H20 J21 | | 1105 | | | | | | | | | | | | | | | | | | | | | SAB |
| 15 | H26 J24 | | 1115 | | | | | | | | | | | | | | | | | | | | | SAB |
| 16 | J25 K26 | | 1125 | | | | | | | | | | | | | | | | | | | | | SAB |
| 17 | J22 K23 | | 1130 | | | | | | | | | | | | | | | | | | | | | SAB |
| 18 | H25 J26 | | 1150 | | | | | | | | | | | | | | | | | | | | | SAB |
| 19 | M26 N29 | | 1215 | | | | | | | | | | | | | | | | | | | | | SAB |
| 20 | L26 M29 | | 1230 | | | | | | | | | | | | | | | | | | | | | SAB |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/25/14 | Time: 1500 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/25/14 | Time: 17230 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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Page 3 of 3

LABORATORY CLIENT: Haley & Aldrich Inc

ADDRESS: 8187 Red Hill Ste 155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 951.288.9371 E-MAIL: sboston@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTC 32594-506

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) Boston

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS:

Use Sample Collection times as indicated on the COC

S. Boston July 27, 2014 6:27 PM

## REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (8015m) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metals (Commun) 6010/7000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | K26L24 | 7-25-14 | 1245 | Core | 1 | X | | | | | X | | X | | | X | | X | | | | X | X | | | |
| 22 | K25L26 | 7-25-14 | 1255 | Core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 23 | K24L25 | 7-25-14 | 1300 | Core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 24 | K23L24 | 7-25-14 | 1305 | Core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 25 | K22L23 | 7-25-14 | 1315 | Core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 26 | L22M23 | 7-25-14 | 1320 | Core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 27 | K21L22 | 7-25-14 | 1330 | Core | 1 | X | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/25/14 | Time: 1500 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) Danny Le ECL | Date: 7/25/14 | Time: 17:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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Page 1 of 3

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ADDRESS: 3187 Red Hill S155

CITY: Costa Mesa CA STATE: 92626 ZIP:

TEL: 951.288.9371 E-MAIL: sboston@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTC 32594-506

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) Boston

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015M | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6+ 7199 | Metals (Cam 17) 6000/7000 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A22 C23 | 7-25-14 | 0730 | con | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 2 | A24 C25 | | 0745 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | C25 D26 | | 0800 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | C22 D23 | | 0815 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | D21 E22 | | 0945 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | D23 E24 | | 1000 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | E22 F23 | | 1015 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | H18 J19 | | 1030 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | H19 J20 | | 1035 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | H21 J22 | | 1040 | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
|---|---|---|---|
| [signature] | [signature] ECI | 7/25/14 | 15:00 |
| [signature] | Dannyle ECI | 7/25/14 | 17:30 |
| | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | J20 K21 | 7-25-14 | 1045 | Conc | 1 | X | | | | | X | | X | | | X | | X | | | | | | | |
| 12 | J19 K20 | | 1055 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | J21 K22 | | 1100 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | H20 J21 | | 1105 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | H26 J24 | | 1115 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | J25 K26 | | M25 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | J22 K23 | | 1130 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | H25 J26 | | 1150 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | M26 N29 | | 1215 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | L26 M29 | | 1230 | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/25/14 | Time: 1500 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/25/14 | Time: 1730 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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LABORATORY CLIENT: Haley & Aldrich Inc

ADDRESS: 3187 Red Hill S155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 951.288.9371 E-MAIL: sbostow@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTC 32594-506

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Bostow

SAMPLER(S): (PRINT) Bostow

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (8015m) | BTEX / MTBE (8260) or (___) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metals (Comm.) 6000/7000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | K26L24 | 7-25-14 | 1245 | Core | 1 | X | | | | | X | | X | | | X | | X | | | | X | X | | | |
| 22 | K25 L26 | 7-25-14 | 1255 | Core | 1 | X | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 23 | K24 L25 | 7-25-14 | 1300 | core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 24 | K 23 L24 | 7-25-14 | 1305 | core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 25 | K22 L23 | 7-25-14 | 1315 | core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 26 | L22 M23 | 7-25-14 | 1320 | core | 1 | X | | | | | | | | | | | | | | | | | | | | |
| 27 | K21 L22 | 7-25-14 | 1330 | core | 1 | X | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/25/14 | Time: 1500 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) Danny le ECL | Date: 7/25/14 | Time: 17:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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WORK ORDER #: 14-07-1808

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley LADRich

DATE: 07/25/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

**Ambient Temperature:** ☐ Air ☐ Filter **Checked by:** 820

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Checked by:** 820

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Checked by:** 820

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☐ 820 7/25/14 | ☑ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑ 8

**Aqueous:** ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 820

**Container:** **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** 820

**Preservative:** **h:** HCL **n:** $HNO_3$ **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** 820

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WORK ORDER #: 14-07-1808

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☑ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

**Comments:**

(-22) collection time per label is 12:50.

(-24) collection time per label is 13:15.

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Comments:** _____

*Transferred at Client's request.

Initial / Date: BC 07/25/14



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# WORK ORDER NUMBER: 14-07-1897

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/14/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 14-07-1897


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# Work Order Narrative

Work Order: 14-07-1897 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/28/14. They were assigned to Work Order 14-07-1897.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/28/14 18:00 |
| | | Number of Containers: | 25 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| K20L21 | 14-07-1897-1 | 07/28/14 08:00 | 1 | Concrete |
| L19M20 | 14-07-1897-2 | 07/28/14 08:15 | 1 | Concrete |
| L18M19 | 14-07-1897-3 | 07/28/14 08:25 | 1 | Concrete |
| M16N17 | 14-07-1897-4 | 07/28/14 08:40 | 1 | Concrete |
| M17N18 | 14-07-1897-5 | 07/28/14 08:50 | 1 | Concrete |
| K16L17 | 14-07-1897-6 | 07/28/14 09:10 | 1 | Concrete |
| K18L19 | 14-07-1897-7 | 07/28/14 09:16 | 1 | Concrete |
| K19L20 | 14-07-1897-8 | 07/28/14 09:30 | 1 | Concrete |
| K17L18 | 14-07-1897-9 | 07/28/14 09:40 | 1 | Concrete |
| K15L16 | 14-07-1897-10 | 07/28/14 10:00 | 1 | Concrete |
| H12J13 | 14-07-1897-11 | 07/28/14 10:20 | 1 | Concrete |
| H13J14 | 14-07-1897-12 | 07/28/14 10:30 | 1 | Concrete |
| H15J16 | 14-07-1897-13 | 07/28/14 10:40 | 1 | Concrete |
| J15K16 | 14-07-1897-14 | 07/28/14 10:50 | 1 | Concrete |
| H16J17 | 14-07-1897-15 | 07/28/14 11:00 | 1 | Concrete |
| G16H17 | 14-07-1897-16 | 07/28/14 11:10 | 1 | Concrete |
| G14H15 | 14-07-1897-17 | 07/28/14 11:20 | 1 | Concrete |
| G12H13 | 14-07-1897-18 | 07/28/14 11:30 | 1 | Concrete |
| F13G12 | 14-07-1897-19 | 07/28/14 12:00 | 1 | Concrete |
| F13G14 | 14-07-1897-20 | 07/28/14 12:20 | 1 | Concrete |
| H17J18 | 14-07-1897-21 | 07/28/14 13:00 | 1 | Concrete |
| G17H18 | 14-07-1897-22 | 07/28/14 13:10 | 1 | Concrete |
| N21O22 | 14-07-1897-23 | 07/28/14 13:40 | 1 | Concrete |
| N20O21 | 14-07-1897-24 | 07/28/14 13:50 | 1 | Concrete |
| N19O20 | 14-07-1897-25 | 07/28/14 14:00 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 1 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K20L21 (14-07-1897-1) | | | | | | |
| Arsenic | 1.88 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 127 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.212 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.0 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.48 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 6.35 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.29 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.343 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 3.93 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.315 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.7 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 15.9 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0200 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.6 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 31 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 34 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 3.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 4.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 18 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 8.6 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 7.9 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 11 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 8.0 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 7.7 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 140 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 20 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 160 | | 130 | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 25 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.2 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.6 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 5.7 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 140 | | 52 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.84 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 36 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 24 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.8 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |

* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 2 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| p/m-Xylene | 14 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 3.3 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 6.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 2.4 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 3 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L19M20 (14-07-1897-2) | | | | | | |
| Arsenic | 1.36 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 167 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.231 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.44 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.93 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.54 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.206 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.58 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.172 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.9 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0160 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.0 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 52 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 62 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 6.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 30 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 26 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.7 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 270 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 110 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 93 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 27 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.22 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 43 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.6 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.6 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 9.5 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 9800 | | 4900 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.61 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 4 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Tetrachloroethene | 1.5 | J | 0.21* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 36 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 25 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.7 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 6.9 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 4.8 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 9.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.8 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 5 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L18M19 (14-07-1897-3) | | | | | | |
| Arsenic | 2.07 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 222 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.272 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.147 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.98 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.28 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.5 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.18 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.151 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.65 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.778 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 24.7 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 33.8 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0206 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.9 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 37 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 42 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 3.3 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 5.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 38 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 13 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 23 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 38 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 34 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 24 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 14 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 1.7 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 14 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 47 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.19 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 31 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.6 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 18 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 1.5 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 6.2 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |

* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 6 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 180 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 3.4 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 22 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 50 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 8.4 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 70 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 39 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 9.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.4 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M16N17 (14-07-1897-4) | | | | | | |
| Arsenic | 1.15 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 223 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.193 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.71 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.07 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 10.2 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.34 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.165 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.31 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.233 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.9 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 24.3 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0169 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.8 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 3.2 | J | 2.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 80 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 79 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 7.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 9.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.0 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.8 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 23 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 99 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 42 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.3 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.55 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 2.0 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 9.1 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 8.6 | J | 4.3* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 150 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.69 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 52 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 20 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| 1,3,5-Trimethylbenzene | 1.7 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 9.1 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 3.8 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 35 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.17 | J | 0.094* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 3.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

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|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M17N18 (14-07-1897-5) | | | | | | |
| Arsenic | 1.16 | | 0.718 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 261 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.233 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.78 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.06 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 14.0 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.640 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.148 | J | 0.126* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.03 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.233 | J | 0.0820* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.6 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 37.8 | | 0.957 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0162 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.2 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 2.3 | J | 2.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 83 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 77 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 8.2 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 39 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 1.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.3 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.0 | J | 2.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 20 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 67 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 45 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.3 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.54 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.7 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 11 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 12 | J | 4.4* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 150 | | 51 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.71 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 49 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 21 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.8 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 7.4 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.8 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 19 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.11 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.11 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 2.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K16L17 (14-07-1897-6) | | | | | | |
| Arsenic | 1.81 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 118 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.263 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.151 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.54 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.76 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.7 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.69 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.303 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.69 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.277 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 24.0 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 61.3 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 980 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0172 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C15-C16 | 11 | J | 9.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 54 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 130 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 200 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 290 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 370 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 400 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 230 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 28 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1700 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 140 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 680 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 170 | | 120 | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 7.6 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.74 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.1 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 4.3 | J | 0.79* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.86 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K18L19 (14-07-1897-7) | | | | | | |
| Arsenic | 0.589 | J | 0.267* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 254 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.194 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.42 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.62 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.6 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.01 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.153 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.03 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.152 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.9 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0185 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.4 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 70 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 76 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 6.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 8.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 34 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 24 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 41 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 54 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 30 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 390 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 850 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 68 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.46 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 5.6 | J | 3.9* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 69 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 3.5 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 2.5 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 21 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 13000 | | 4900 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.91 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Tetrachloroethene | 5.4 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 96 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 59 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 3.3 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 9.6 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 3.3 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 23 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.11 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.12 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 5.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K19L20 (14-07-1897-8) | | | | | | |
| Arsenic | 1.84 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 170 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.196 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.94 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.79 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.19 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.30 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.326 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.78 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.464 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.8 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 22.5 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0163 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.2 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 46 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 60 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 5.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 6.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 1.7 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.6 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 34 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 53 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 2.7 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.9 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 12 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 10000 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.66 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 66 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 43 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 2.2 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 7.1 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.1 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 10 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Naphthalene | 5.5 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K17L18 (14-07-1897-9) | | | | | | |
| Arsenic | 1.10 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 275 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.204 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.92 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.57 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.5 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.44 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.167 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.29 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.175 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.8 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.6 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0188 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.8 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 58 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 79 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 17 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 12 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 46 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 13 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 6.8 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 8.0 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 9.1 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 12 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 8.0 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.3 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 280 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 120 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 34 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.16 | J | 0.12* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 46 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 2.7 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| tert-Butylbenzene | 0.17 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.1 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.78 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 13 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 9900 | | 4800 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| n-Propylbenzene | 2.6 | J | 0.48* | ug/kg | EPA 8260B | EPA 5030C |
| Styrene | 3.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 8.3 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 5.7 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 94 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 8.0 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 12 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 6.5 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 10 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.66 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 1-Methylnaphthalene | 0.15 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 3.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| K15L16 (14-07-1897-10) | | | | | | |
| Arsenic | 0.744 | J | 0.266* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.0 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.179 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.46 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.81 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 6.64 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.56 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.204 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.57 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.263 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.5 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 21.2 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0143 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.37 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 5.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.2 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 3.2 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.0 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 24 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 13 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.97 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 9.9 | J | 0.84* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.0 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H12J13 (14-07-1897-11) | | | | | | |
| Arsenic | 0.350 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 105 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.211 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.34 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.56 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.5 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.22 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.257 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.38 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.255 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.6 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0149 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.33 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.6 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 16 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.16 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.30 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.9 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.58 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H13J14 (14-07-1897-12) | | | | | | |
| Barium | 108 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.231 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.5 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.34 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 12.2 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.91 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.284 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.66 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.768 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.3 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 27.9 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0315 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.40 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 3.2 | J | 3.1* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 3.1 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 18 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 9.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 15 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 78 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 23 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.40 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.4 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1,1-Trichloroethane | 0.33 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.17 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.11 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.18 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H15J16 (14-07-1897-13) | | | | | | |
| Arsenic | 1.54 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 127 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.267 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.155 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.31 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.73 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.3 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 16.5 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.439 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.26 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.262 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 62.1 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00912 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.44 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.4 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 8.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 5.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 41 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 48 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 49 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 68 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.19 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.15 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 0.87 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.82 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.71 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.24 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.14 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J15K16 (14-07-1897-14) | | | | | | |
| Barium | 107 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.226 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.05 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.99 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 31.7 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 14.0 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.547 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.24 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.230 | J | 0.0879* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.5 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.0 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0132 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.43 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 3.4 | J | 3.1* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 1.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 5.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 46 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 45 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 40 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 27 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.63 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.21 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 3.5 | J | 0.85* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.75 | J | 0.61* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.5 | J | 0.28* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.1 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.12 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 22 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H16J17 (14-07-1897-15) | | | | | | |
| Barium | 114 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.244 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.95 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.31 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 19.8 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.47 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.310 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.23 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.176 | J | 0.0861* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.0 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.2 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 590 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0145 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 3.1 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 9.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 75 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 52 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 22 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 4.1 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 210 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 24 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 49 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 40 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 48 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.22 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.8 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G16H17 (14-07-1897-16) | | | | | | |
| Barium | 191 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.276 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.78 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.61 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.2 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.0 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.367 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.87 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.125 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 26.6 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 56.1 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 550 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0216 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.40 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 2.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 5.4 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 15 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 20 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 34 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 40 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 24 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 8.3 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 47 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 120 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 14 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.31 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.1 | J | 0.79* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 2.7 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.93 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.76 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| Di-n-Butyl Phthalate | 0.10 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1897
Project Name: UTC Canoga Park / 32594-506
Received: 07/28/14

Attn: Scott Boston



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G14H15 (14-07-1897-17) | | | | | | |
| Arsenic | 0.589 | J | 0.262* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 155 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.228 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.25 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.31 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.7 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.8 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.551 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.13 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.215 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.4 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 51.4 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0290 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.69 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 2.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 8.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 22 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 4.2 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 86 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 68 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 140 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 35 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.21 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.53 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.6 | J | 0.78* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.91 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.5 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.1 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.11 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.15 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 25 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G12H13 (14-07-1897-18) | | | | | | |
| Arsenic | 0.568 | J | 0.259* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 168 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.211 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 4.98 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.69 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.9 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.06 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.307 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.25 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.192 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 49.0 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 550 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0212 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.0 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 3.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 56 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 9.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.5 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.1 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.3 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2.9 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 15 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 260 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 51 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 12 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 24 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.1 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 2.8 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.62 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 4.6 | J | 0.64* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 190 | | 51 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.3 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Toluene | 1.6 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 30 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 4.7 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 11 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 4.9 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 27 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.18 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 2.4 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.67 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 27 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F13G12 (14-07-1897-19) | | | | | | |
| Arsenic | 0.430 | J | 0.267* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 98.0 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.173 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.16 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.68 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.1 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.95 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.253 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.68 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.160 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.2 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.1 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0164 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.0 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 13 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 3.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 2.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 7.0 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 220 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 100 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 6.7 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 10 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 370 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 360 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 300 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 29 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 1.0 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 5.6 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.19 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Chloroform | 0.73 | J | 0.24* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.8 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.56 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 21 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 330 | | 50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.45 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 28 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F13G14 (14-07-1897-20) | | | | | | |
| Arsenic | 0.349 | J | 0.267* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.2 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.251 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.26 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.77 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.5 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.74 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.253 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.58 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.186 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.5 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 53.5 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 920 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0168 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.4 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 25 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 7.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 2.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 5.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 170 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 90 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 8.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 9.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 1.6 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 330 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1200 | | 250 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 750 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 120 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 8.3 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 22 | J | 3.6* | ug/kg | EPA 8260B | EPA 5030C |
| Chloroform | 7.3 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| 1,1-Dichloroethene | 0.36 | J | 0.33* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.15 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 3.7 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.7 | J | 0.78* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.67 | J | 0.49* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.75 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.63 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |

* MDL is shown

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## Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 29 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Benzyl Alcohol | 21 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 230 | | 50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 1.2 | J | 0.96* | mg/kg | EPA 8270C | EPA 3545 |
| H17J18 (14-07-1897-21) | | | | | | |
| Arsenic | 0.313 | J | 0.253* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 199 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.258 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.34 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 7.09 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.8 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.5 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.332 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.64 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.207 | J | 0.0836* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 30.2 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 54.8 | | 0.976 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 680 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00888 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 2.2 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 5.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 8.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 5.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 49 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 16 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 21 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 28 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.30 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 2.0 | J | 0.78* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.20 | J | 0.20* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.60 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 30 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G17H18 (14-07-1897-22) | | | | | | |
| Arsenic | 1.09 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 119 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.265 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.03 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.04 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.3 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.8 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.664 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.25 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.262 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.0 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.5 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 470 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0277 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.44 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 3.4 | J | 3.1* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 13 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 7.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 79 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 15 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 200 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 47 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 7.9 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.42 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.7 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.3 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.4 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Di-n-Butyl Phthalate | 0.16 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.31 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 31 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N21O22 (14-07-1897-23) | | | | | | |
| Arsenic | 0.863 | | 0.781 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 170 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.209 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.4 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.82 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 6.65 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.61 | | 0.521 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.61 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.231 | J | 0.0893* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 23.3 | | 0.260 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 23.5 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0155 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.2 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 88 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 90 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 5.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 9.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 38 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.1 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.9 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.1 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 260 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 83 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 50 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 2.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.25 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.69 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 11 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 7800 | | 4900 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 19 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 32 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.2 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.7 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.9 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 32 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Benzyl Alcohol | 25 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1897
Project Name: UTC Canoga Park / 32594-506
Received: 07/28/14

Attn: Scott Boston



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N20O21 (14-07-1897-24) | | | | | | |
| Arsenic | 5.45 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 390 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.267 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.8 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.52 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.0 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.51 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.496 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.75 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.1 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 36.0 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0103 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.3 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 82 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 9.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 250 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 110 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.27 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 85 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 4.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| tert-Butylbenzene | 0.39 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.42 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 39 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 1.0 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 20 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 48 | J | 4.3* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 16000 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.82 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 91 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 58 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 2.7 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 150 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1897 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/28/14 |
| Attn: | Scott Boston | | Page 34 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| o-Xylene | 63 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 9.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 6.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 35 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N19O20 (14-07-1897-25) | | | | | | |
| Arsenic | 0.879 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 126 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.227 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.92 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.82 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.81 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.0 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.248 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.85 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.263 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.8 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.2 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0156 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.8 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 58 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 51 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 8.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 33 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 4.6 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.4 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.7 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 170 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 19 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 16 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 73 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 45 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.9 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.3 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 5.3 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 20 | J | 4.4* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 5700 | | 4800 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.65 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1.7 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 28 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.5 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1897<br>UTC Canoga Park / 32594-506<br>07/28/14 |
| Attn: | Scott Boston | | Page 36 of 36 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| p/m-Xylene | 15 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 7.4 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 37 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 1.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 3.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

Subcontracted analyses, if any, are not included in this summary.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 21:59** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:31** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:37** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:43** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:49** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:56** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 980 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:02** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1600 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:08** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:14** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:21** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:46** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:52** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3500 | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 23:58** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:04** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1400 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:11** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 590 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:17** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 550 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:23** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:29** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 550 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:36** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 600 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 00:42** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 920 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 01:26** | **140731L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 680 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 01:57** | **140731L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 470 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 02:03** | **140731L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 02:09** | **140731L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 02:16** | **140731L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2694** | **N/A** | **Solid** | **IC 11** | **07/31/14** | **07/31/14 21:40** | **140731L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2695** | **N/A** | **Solid** | **IC 11** | **07/31/14** | **08/01/14 01:07** | **140731L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 20:51** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.6 | 5.1 | 0.21 | 1.00 | J |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | 31 | 5.1 | 3.1 | 1.00 | |
| C11-C12 | 34 | 5.1 | 1.8 | 1.00 | |
| C13-C14 | 3.2 | 5.1 | 1.8 | 1.00 | J |
| C15-C16 | 4.4 | 5.1 | 1.8 | 1.00 | J |
| C17-C18 | 18 | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 8.6 | 5.1 | 1.8 | 1.00 | |
| C21-C22 | 4.4 | 5.1 | 1.8 | 1.00 | J |
| C23-C24 | 7.9 | 5.1 | 1.7 | 1.00 | |
| C25-C28 | 11 | 5.1 | 2.5 | 1.00 | |
| C29-C32 | 8.0 | 5.1 | 2.4 | 1.00 | |
| C33-C36 | 7.7 | 5.1 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 140 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 96 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 21:07** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.0 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 52 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 62 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 7.3 | 5.0 | 1.7 | 1.00 | |
| C15-C16 | 6.9 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 30 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 14 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 15 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 18 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 26 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 21 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 12 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 3.7 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 270 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 100 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 27 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 21:22** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.9 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 37 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 42 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 3.3 | 4.9 | 1.7 | 1.00 | J |
| C15-C16 | 5.0 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 38 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 13 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 11 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 23 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 38 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 34 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 24 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 14 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | 1.7 | 4.9 | 1.5 | 1.00 | J |
| C6-C44 Total | 290 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 105 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 27 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 21:38** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.8 | 5.0 | 0.21 | 1.00 | J |
| C7 | 3.2 | 5.0 | 2.3 | 1.00 | J |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 80 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 79 | 5.0 | 1.8 | 1.00 | |
| C13-C14 | 11 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 7.8 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 42 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 9.8 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.0 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 4.0 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 3.8 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 250 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 104 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 27 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 22:10** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.2 | 4.9 | 0.20 | 1.00 | J |
| C7 | 2.3 | 4.9 | 2.2 | 1.00 | J |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 83 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 77 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 11 | 4.9 | 1.7 | 1.00 | |
| C15-C16 | 8.2 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 39 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 11 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 1.8 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 4.3 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 2.7 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | 3.0 | 4.9 | 2.5 | 1.00 | J |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 250 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 106 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 09:56** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 25 | 1.0 | 5.00 | |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | ND | 25 | 15 | 5.00 | |
| C11-C12 | ND | 25 | 8.7 | 5.00 | |
| C13-C14 | ND | 25 | 8.8 | 5.00 | |
| C15-C16 | 11 | 25 | 9.0 | 5.00 | J |
| C17-C18 | 54 | 25 | 9.0 | 5.00 | |
| C19-C20 | 130 | 25 | 9.2 | 5.00 | |
| C21-C22 | 200 | 25 | 8.8 | 5.00 | |
| C23-C24 | 290 | 25 | 8.3 | 5.00 | |
| C25-C28 | 370 | 25 | 12 | 5.00 | |
| C29-C32 | 400 | 25 | 12 | 5.00 | |
| C33-C36 | 230 | 25 | 13 | 5.00 | |
| C37-C40 | 28 | 25 | 8.0 | 5.00 | |
| C41-C44 | ND | 25 | 7.6 | 5.00 | |
| C6-C44 Total | 1700 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 22:42** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.4 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 70 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 76 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 6.4 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 8.3 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 34 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 24 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 20 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 41 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 54 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 30 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 15 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 6.3 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 390 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 105 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 22:57** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.2 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 46 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 60 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 5.1 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 5.4 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 15 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 6.4 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 1.7 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 3.0 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | 3.6 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 150 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 102 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 23:13** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.8 | 5.1 | 0.21 | 1.00 | J |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | 58 | 5.1 | 3.1 | 1.00 | |
| C11-C12 | 79 | 5.1 | 1.8 | 1.00 | |
| C13-C14 | 17 | 5.1 | 1.8 | 1.00 | |
| C15-C16 | 12 | 5.1 | 1.8 | 1.00 | |
| C17-C18 | 46 | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 13 | 5.1 | 1.9 | 1.00 | |
| C21-C22 | 6.8 | 5.1 | 1.8 | 1.00 | |
| C23-C24 | 8.0 | 5.1 | 1.7 | 1.00 | |
| C25-C28 | 9.1 | 5.1 | 2.5 | 1.00 | |
| C29-C32 | 12 | 5.1 | 2.4 | 1.00 | |
| C33-C36 | 8.0 | 5.1 | 2.6 | 1.00 | |
| C37-C40 | 3.3 | 5.1 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 280 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 101 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 23:29** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.37 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 5.6 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.2 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 3.2 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 5.5 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 4.2 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | 3.0 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 24 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 94 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 23:45** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.33 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 4.0 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 4.6 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 9.0 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 95 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 00:00** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.40 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 3.2 | 5.0 | 3.1 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 3.1 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 11 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 16 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 14 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 13 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 19 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 18 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 9.8 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 3.5 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 110 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 98 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506 Page 13 of 27

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 00:32** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.44 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 5.1 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 4.4 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 6.6 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 11 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 8.6 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 5.2 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 41 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 93 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 00:47** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.43 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 3.4 | 5.0 | 3.1 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 1.9 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 4.9 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 7.3 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 11 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 12 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 5.4 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 46 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 97 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 01:03** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 3.1 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 9.2 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 14 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 33 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 75 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 52 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 22 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 4.1 | 5.0 | 1.5 | 1.00 | J |
| C6-C44 Total | 210 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 85 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 01:19** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.40 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 2.2 | 4.9 | 1.8 | 1.00 | J |
| C19-C20 | 5.4 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 15 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 20 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 34 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 40 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 24 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 8.3 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 150 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 99 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 01:35** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.69 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 2.8 | 5.0 | 1.8 | 1.00 | J |
| C19-C20 | 3.8 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 8.7 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 12 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 22 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 19 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 13 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 4.2 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 86 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 105 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 01:50** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.0 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 33 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 23 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 3.8 | 5.0 | 1.8 | 1.00 | J |
| C15-C16 | 7.3 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 56 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 9.2 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 3.5 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 4.1 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | 4.7 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 4.3 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | 2.9 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 150 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 99 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 02:05** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.0 | 5.1 | 0.21 | 1.00 | J |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | 13 | 5.1 | 3.1 | 1.00 | |
| C11-C12 | 3.4 | 5.1 | 1.8 | 1.00 | J |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.1 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 2.8 | 5.1 | 1.8 | 1.00 | J |
| C21-C22 | 7.0 | 5.1 | 1.8 | 1.00 | |
| C23-C24 | 220 | 5.1 | 1.7 | 1.00 | |
| C25-C28 | 100 | 5.1 | 2.5 | 1.00 | |
| C29-C32 | 6.7 | 5.1 | 2.4 | 1.00 | |
| C33-C36 | 10 | 5.1 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 370 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 139 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506 Page 20 of 27

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 02:21** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.4 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 25 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 7.8 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 2.4 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 5.9 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 170 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 90 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 8.8 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 9.6 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 1.6 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 330 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 133 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 08:06** | **140730B10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 2.2 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 5.4 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 8.3 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 16 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 12 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 5.6 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 49 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 80 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 08:21** | **140730B10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.44 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 3.4 | 5.0 | 3.1 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 5.3 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 10 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 13 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 20 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 19 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 7.4 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 79 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 08:52** | **140730B10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.2 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 88 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 90 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 5.6 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 9.3 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 38 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 14 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.1 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 2.9 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | 4.0 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 3.7 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | 3.1 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 260 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 09:08** | **140730B10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.3 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 82 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 110 | 5.0 | 1.8 | 1.00 | |
| C13-C14 | 6.3 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 9.0 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 27 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 9.1 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 2.0 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 250 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 87 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **GC 48** | **07/30/14** | **07/31/14 09:24** | **140730B10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.8 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 58 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 51 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 5.3 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 8.9 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 33 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 4.6 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 4.4 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 2.7 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 3.0 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 170 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 88 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1056** | **N/A** | **Solid** | **GC 48** | **07/30/14** | **07/30/14 19:48** | **140730B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1057** | **N/A** | **Solid** | **GC 48** | **07/30/14** | **07/31/14 02:52** | **140730B10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 83 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:15** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.88 | 0.750 | 0.259 | 1.00 | |
| Barium | 127 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.212 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 10.0 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 3.48 | 0.250 | 0.148 | 1.00 | |
| Copper | 6.35 | 0.500 | 0.135 | 1.00 | |
| Lead | 1.29 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.343 | 0.250 | 0.132 | 1.00 | |
| Nickel | 3.93 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.315 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 15.7 | 0.250 | 0.141 | 1.00 | |
| Zinc | 15.9 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:25** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.36 | 0.758 | 0.262 | 1.01 | |
| Barium | 167 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.231 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.44 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.93 | 0.253 | 0.150 | 1.01 | |
| Copper | 29.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.54 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.206 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 5.58 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.172 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 20.5 | 0.253 | 0.143 | 1.01 | |
| Zinc | 52.9 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:26** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 2.07 | 0.765 | 0.264 | 1.02 | |
| Barium | 222 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.272 | 0.255 | 0.140 | 1.02 | |
| Cadmium | 0.147 | 0.510 | 0.138 | 1.02 | J |
| Chromium | 9.98 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 5.28 | 0.255 | 0.151 | 1.02 | |
| Copper | 11.5 | 0.510 | 0.137 | 1.02 | |
| Lead | 7.18 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.151 | 0.255 | 0.135 | 1.02 | J |
| Nickel | 5.65 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.778 | 0.255 | 0.0875 | 1.02 | |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 24.7 | 0.255 | 0.144 | 1.02 | |
| Zinc | 33.8 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:27** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 1.15 | 0.773 | 0.267 | 1.03 | |
| Barium | 223 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.193 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 7.71 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 4.07 | 0.258 | 0.153 | 1.03 | |
| Copper | 10.2 | 0.515 | 0.139 | 1.03 | |
| Lead | 5.34 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.165 | 0.258 | 0.136 | 1.03 | J |
| Nickel | 5.31 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.233 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 16.9 | 0.258 | 0.146 | 1.03 | |
| Zinc | 24.3 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:29** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.718 | 0.143 | 0.957 | |
| Arsenic | 1.16 | 0.718 | 0.248 | 0.957 | |
| Barium | 261 | 0.478 | 0.148 | 0.957 | |
| Beryllium | 0.233 | 0.239 | 0.131 | 0.957 | J |
| Cadmium | ND | 0.478 | 0.130 | 0.957 | |
| Chromium | 7.78 | 0.239 | 0.136 | 0.957 | |
| Cobalt | 4.06 | 0.239 | 0.142 | 0.957 | |
| Copper | 14.0 | 0.478 | 0.129 | 0.957 | |
| Lead | 0.640 | 0.478 | 0.126 | 0.957 | |
| Molybdenum | 0.148 | 0.239 | 0.126 | 0.957 | J |
| Nickel | 4.03 | 0.239 | 0.139 | 0.957 | |
| Selenium | ND | 0.718 | 0.287 | 0.957 | |
| Silver | 0.233 | 0.239 | 0.0820 | 0.957 | J |
| Thallium | ND | 0.718 | 0.145 | 0.957 | |
| Vanadium | 16.6 | 0.239 | 0.135 | 0.957 | |
| Zinc | 37.8 | 0.957 | 0.170 | 0.957 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:30** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 1.81 | 0.754 | 0.260 | 1.01 | |
| Barium | 118 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.263 | 0.251 | 0.138 | 1.01 | |
| Cadmium | 0.151 | 0.503 | 0.136 | 1.01 | J |
| Chromium | 8.54 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 5.76 | 0.251 | 0.149 | 1.01 | |
| Copper | 29.7 | 0.503 | 0.135 | 1.01 | |
| Lead | 2.69 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.303 | 0.251 | 0.133 | 1.01 | |
| Nickel | 6.69 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.277 | 0.251 | 0.0861 | 1.01 | |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 24.0 | 0.251 | 0.142 | 1.01 | |
| Zinc | 61.3 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:31** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.589 | 0.773 | 0.267 | 1.03 | J |
| Barium | 254 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.194 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 7.42 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 4.62 | 0.258 | 0.153 | 1.03 | |
| Copper | 23.6 | 0.515 | 0.139 | 1.03 | |
| Lead | 1.01 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.153 | 0.258 | 0.136 | 1.03 | J |
| Nickel | 5.03 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.152 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 18.9 | 0.258 | 0.146 | 1.03 | |
| Zinc | 48.9 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:32** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 1.84 | 0.765 | 0.264 | 1.02 | |
| Barium | 170 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.196 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 9.94 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 3.79 | 0.255 | 0.151 | 1.02 | |
| Copper | 8.19 | 0.510 | 0.137 | 1.02 | |
| Lead | 1.30 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.326 | 0.255 | 0.135 | 1.02 | |
| Nickel | 4.78 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.464 | 0.255 | 0.0875 | 1.02 | |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 15.8 | 0.255 | 0.144 | 1.02 | |
| Zinc | 22.5 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:34** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.10 | 0.758 | 0.262 | 1.01 | |
| Barium | 275 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.204 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.92 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.57 | 0.253 | 0.150 | 1.01 | |
| Copper | 21.5 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.44 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.167 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 5.29 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.175 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 17.8 | 0.253 | 0.143 | 1.01 | |
| Zinc | 41.6 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:35** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 0.744 | 0.769 | 0.266 | 1.03 | J |
| Barium | 86.0 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.179 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 8.46 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 3.81 | 0.256 | 0.152 | 1.03 | |
| Copper | 6.64 | 0.513 | 0.138 | 1.03 | |
| Lead | 1.56 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.204 | 0.256 | 0.135 | 1.03 | J |
| Nickel | 4.57 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.263 | 0.256 | 0.0879 | 1.03 | |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 16.5 | 0.256 | 0.145 | 1.03 | |
| Zinc | 21.2 | 1.03 | 0.182 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506 Page 11 of 27

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:36** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.350 | 0.761 | 0.263 | 1.02 | J |
| Barium | 105 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.211 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 6.34 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 4.56 | 0.254 | 0.150 | 1.02 | |
| Copper | 21.5 | 0.508 | 0.137 | 1.02 | |
| Lead | 7.22 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.257 | 0.254 | 0.134 | 1.02 | |
| Nickel | 6.38 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.255 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 17.4 | 0.254 | 0.143 | 1.02 | |
| Zinc | 44.6 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:43** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | ND | 0.761 | 0.263 | 1.02 | |
| Barium | 108 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.231 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 10.5 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 4.34 | 0.254 | 0.150 | 1.02 | |
| Copper | 12.2 | 0.508 | 0.137 | 1.02 | |
| Lead | 2.91 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.284 | 0.254 | 0.134 | 1.02 | |
| Nickel | 5.66 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.768 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 16.3 | 0.254 | 0.143 | 1.02 | |
| Zinc | 27.9 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:45** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | 1.54 | 0.735 | 0.254 | 0.980 | |
| Barium | 127 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.267 | 0.245 | 0.134 | 0.980 | |
| Cadmium | 0.155 | 0.490 | 0.133 | 0.980 | J |
| Chromium | 9.31 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 5.73 | 0.245 | 0.145 | 0.980 | |
| Copper | 31.3 | 0.490 | 0.132 | 0.980 | |
| Lead | 16.5 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.439 | 0.245 | 0.129 | 0.980 | |
| Nickel | 8.26 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.262 | 0.245 | 0.0840 | 0.980 | |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 22.9 | 0.245 | 0.138 | 0.980 | |
| Zinc | 62.1 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:46** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | ND | 0.769 | 0.266 | 1.03 | |
| Barium | 107 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.226 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 6.05 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 4.99 | 0.256 | 0.152 | 1.03 | |
| Copper | 31.7 | 0.513 | 0.138 | 1.03 | |
| Lead | 14.0 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.547 | 0.256 | 0.135 | 1.03 | |
| Nickel | 6.24 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.230 | 0.256 | 0.0879 | 1.03 | J |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 18.5 | 0.256 | 0.145 | 1.03 | |
| Zinc | 50.0 | 1.03 | 0.182 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 27 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:47** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | ND | 0.754 | 0.260 | 1.01 | |
| Barium | 114 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.244 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 6.95 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 5.31 | 0.251 | 0.149 | 1.01 | |
| Copper | 19.8 | 0.503 | 0.135 | 1.01 | |
| Lead | 8.47 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.310 | 0.251 | 0.133 | 1.01 | |
| Nickel | 6.23 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.176 | 0.251 | 0.0861 | 1.01 | J |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 21.0 | 0.251 | 0.142 | 1.01 | |
| Zinc | 53.2 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:48** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | ND | 0.773 | 0.267 | 1.03 | |
| Barium | 191 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.276 | 0.258 | 0.141 | 1.03 | |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 7.78 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 6.61 | 0.258 | 0.153 | 1.03 | |
| Copper | 25.2 | 0.515 | 0.139 | 1.03 | |
| Lead | 10.0 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.367 | 0.258 | 0.136 | 1.03 | |
| Nickel | 8.87 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.125 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 26.6 | 0.258 | 0.146 | 1.03 | |
| Zinc | 56.1 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:49** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 0.589 | 0.758 | 0.262 | 1.01 | J |
| Barium | 155 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.228 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.25 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.31 | 0.253 | 0.150 | 1.01 | |
| Copper | 27.7 | 0.505 | 0.136 | 1.01 | |
| Lead | 12.8 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.551 | 0.253 | 0.133 | 1.01 | |
| Nickel | 6.13 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.215 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 18.4 | 0.253 | 0.143 | 1.01 | |
| Zinc | 51.4 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:50** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 0.568 | 0.750 | 0.259 | 1.00 | J |
| Barium | 168 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.211 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 4.98 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 4.69 | 0.250 | 0.148 | 1.00 | |
| Copper | 29.9 | 0.500 | 0.135 | 1.00 | |
| Lead | 8.06 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.307 | 0.250 | 0.132 | 1.00 | |
| Nickel | 5.25 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.192 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 17.5 | 0.250 | 0.141 | 1.00 | |
| Zinc | 49.0 | 1.00 | 0.178 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:52** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.430 | 0.773 | 0.267 | 1.03 | J |
| Barium | 98.0 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.173 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 6.16 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 5.68 | 0.258 | 0.153 | 1.03 | |
| Copper | 23.1 | 0.515 | 0.139 | 1.03 | |
| Lead | 5.95 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.253 | 0.258 | 0.136 | 1.03 | J |
| Nickel | 6.68 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.160 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 17.2 | 0.258 | 0.146 | 1.03 | |
| Zinc | 48.1 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:53** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.349 | 0.773 | 0.267 | 1.03 | J |
| Barium | 86.2 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.251 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 6.26 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 4.77 | 0.258 | 0.153 | 1.03 | |
| Copper | 27.5 | 0.515 | 0.139 | 1.03 | |
| Lead | 6.74 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.253 | 0.258 | 0.136 | 1.03 | J |
| Nickel | 6.58 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.186 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 17.5 | 0.258 | 0.146 | 1.03 | |
| Zinc | 53.5 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:54** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | 0.313 | 0.732 | 0.253 | 0.976 | J |
| Barium | 199 | 0.488 | 0.151 | 0.976 | |
| Beryllium | 0.258 | 0.244 | 0.134 | 0.976 | |
| Cadmium | ND | 0.488 | 0.132 | 0.976 | |
| Chromium | 8.34 | 0.244 | 0.139 | 0.976 | |
| Cobalt | 7.09 | 0.244 | 0.144 | 0.976 | |
| Copper | 28.8 | 0.488 | 0.131 | 0.976 | |
| Lead | 15.5 | 0.488 | 0.128 | 0.976 | |
| Molybdenum | 0.332 | 0.244 | 0.129 | 0.976 | |
| Nickel | 8.64 | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | 0.207 | 0.244 | 0.0836 | 0.976 | J |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | 30.2 | 0.244 | 0.138 | 0.976 | |
| Zinc | 54.8 | 0.976 | 0.173 | 0.976 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 18:01** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 1.09 | 0.773 | 0.267 | 1.03 | |
| Barium | 119 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.265 | 0.258 | 0.141 | 1.03 | |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 8.03 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 5.04 | 0.258 | 0.153 | 1.03 | |
| Copper | 26.3 | 0.515 | 0.139 | 1.03 | |
| Lead | 13.8 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.664 | 0.258 | 0.136 | 1.03 | |
| Nickel | 7.25 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.262 | 0.258 | 0.0884 | 1.03 | |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 20.0 | 0.258 | 0.146 | 1.03 | |
| Zinc | 48.5 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 18:02** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.781 | 0.155 | 1.04 | |
| Arsenic | 0.863 | 0.781 | 0.270 | 1.04 | |
| Barium | 170 | 0.521 | 0.161 | 1.04 | |
| Beryllium | 0.209 | 0.260 | 0.143 | 1.04 | J |
| Cadmium | ND | 0.521 | 0.141 | 1.04 | |
| Chromium | 10.4 | 0.260 | 0.148 | 1.04 | |
| Cobalt | 4.82 | 0.260 | 0.154 | 1.04 | |
| Copper | 6.65 | 0.521 | 0.140 | 1.04 | |
| Lead | 6.61 | 0.521 | 0.137 | 1.04 | |
| Molybdenum | ND | 0.260 | 0.137 | 1.04 | |
| Nickel | 5.61 | 0.260 | 0.151 | 1.04 | |
| Selenium | ND | 0.781 | 0.312 | 1.04 | |
| Silver | 0.231 | 0.260 | 0.0893 | 1.04 | J |
| Thallium | ND | 0.781 | 0.158 | 1.04 | |
| Vanadium | 23.3 | 0.260 | 0.147 | 1.04 | |
| Zinc | 23.5 | 1.04 | 0.185 | 1.04 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 18:03** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 5.45 | 0.750 | 0.259 | 1.00 | |
| Barium | 390 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.267 | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 12.8 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.52 | 0.250 | 0.148 | 1.00 | |
| Copper | 16.0 | 0.500 | 0.135 | 1.00 | |
| Lead | 5.51 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.496 | 0.250 | 0.132 | 1.00 | |
| Nickel | 7.75 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 19.1 | 0.250 | 0.141 | 1.00 | |
| Zinc | 36.0 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:32** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 0.879 | 0.750 | 0.259 | 1.00 | |
| Barium | 126 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.227 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 6.92 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 3.82 | 0.250 | 0.148 | 1.00 | |
| Copper | 8.81 | 0.500 | 0.135 | 1.00 | |
| Lead | 11.0 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.248 | 0.250 | 0.132 | 1.00 | J |
| Nickel | 4.85 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.263 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 21.8 | 0.250 | 0.141 | 1.00 | |
| Zinc | 55.2 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18686** | **N/A** | **Solid** | **ICP 7300** | **08/01/14** | **08/02/14 16:20** | **140801L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | 0.162 | 0.750 | 0.149 | 1.00 | J |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18687** | **N/A** | **Solid** | **ICP 7300** | **08/01/14** | **08/02/14 16:22** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 13:57** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0200 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:15** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0160 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:17** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0206 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:19** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0169 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:21** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0162 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:24** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0172 | 0.0833 | 0.00587 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:26** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0185 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:28** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0163 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:30** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0188 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:33** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0143 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:39** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0149 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:42** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0315 | 0.0847 | 0.00597 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:44** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00912 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:46** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0132 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:48** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0145 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:50** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0216 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:53** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0290 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:55** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0212 | 0.0847 | 0.00597 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:57** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0164 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:59** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0168 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:24** | **140804L02D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00888 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:26** | **140804L02D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0277 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:33** | **140804L02D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0155 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:35** | **140804L02D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0103 | 0.0820 | 0.00578 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:11** | **140804L02D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0156 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-28** | **N/A** | **Solid** | **Mercury 05** | **08/04/14** | **08/04/14 13:52** | **140804L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-26** | **N/A** | **Solid** | **Mercury 05** | **08/04/14** | **08/04/14 15:06** | **140804L02D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 01:04** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 20 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 78 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 01:58** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 110 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 93 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 123 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 02:16** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 14 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 88 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 54 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 02:34** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 23 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 73 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 02:52** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 20 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 03:10** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 140 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 680 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 127 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 03:28** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 850 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 15:37** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 63 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 04:04** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 120 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 13:37** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 05:16** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 05:33** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 15 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 78 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 100 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 78 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 05:52** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 48 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 49 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 16:31** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 45 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 40 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 129 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 101 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 06:27** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 24 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 49 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 40 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 105 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 06:45** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 47 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 120 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 07:03** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 68 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 140 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 07:21** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 15 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | 260 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 141 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 07:39** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 360 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 300 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 08:33** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1260 | 750 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 123 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 14:13** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1200 | 250 | 60 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 22:40** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 16 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 21 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 17:16** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 15 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 200 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 22:58** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 15:55** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 69 | 25-145 | |

| N19O20 | 14-07-1897-25-A | 07/28/14 14:00 | Concrete | GC 58 | 08/02/14 | 08/05/14 16:13 | 140802L13 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 19 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 16 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2784** | **N/A** | **Solid** | **GC 58** | **08/02/14** | **08/04/14 23:52** | **140802L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2783** | **N/A** | **Solid** | **GC 58** | **08/02/14** | **08/04/14 15:46** | **140802L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 16:24** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 6.1 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 2.4 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 3 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 58 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 4 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 16:48** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 9.7 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.8 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 6 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 55 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 17:07** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 9.7 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.4 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 66 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 48 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 17:39** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.17 | 0.50 | 0.094 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 3.3 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

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|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 65 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 45 | 33-123 | |
| p-Terphenyl-d14 | 65 | 27-159 | |
| Phenol-d6 | 5 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 13:27** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 35 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 105 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 113 | 27-159 | |
| Phenol-d6 | 6 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 17:57** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.11 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.11 | 0.50 | 0.095 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 2.1 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 63 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 47 | 33-123 | |
| p-Terphenyl-d14 | 66 | 27-159 | |
| Phenol-d6 | 9 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 13:46** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 19 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 96 | 27-159 | |
| Phenol-d6 | 10 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 18:15** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 18 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 62 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 51 | 33-123 | |
| p-Terphenyl-d14 | 63 | 27-159 | |
| Phenol-d6 | 9 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 18:33** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.11 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.12 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 5.7 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 50 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 14:04** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 23 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 98 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 111 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 18:52** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 10 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 5.5 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 24 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 81 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 57 | 33-123 | |
| p-Terphenyl-d14 | 82 | 27-159 | |
| Phenol-d6 | 2 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 19:10** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 10 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.66 | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | 0.15 | 0.50 | 0.095 | 1.00 | J |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 3.7 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 27 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 82 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 50 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 19 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 19:28** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 30 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 42 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 17:25** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 33 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 11 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 66 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 44 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 14:53** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.17 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.11 | 0.50 | 0.097 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.18 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 36 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 31 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 19:46** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.24 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.14 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 39 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 17:43** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.12 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 42 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 82 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 26 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 18:02** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 45 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 82 | 27-159 | |
| Phenol-d6 | 9 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 15:47** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.10 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 48 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 62 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 51 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 13 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 18:20** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.11 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.15 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 51 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 82 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 20:04** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.18 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 2.4 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.67 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 54 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 75 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 14:22** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 27 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 112 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 91 | 33-123 | |
| p-Terphenyl-d14 | 127 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 20:23** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.45 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 67 | 27-120 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 64 | 27-159 | |
| Phenol-d6 | 23 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 14:40** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 21 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 104 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 87 | 33-123 | |
| p-Terphenyl-d14 | 120 | 27-159 | |
| Phenol-d6 | 27 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 14:59** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Butyl Benzyl Phthalate | 330 | 50 | 10 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 115 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 92 | 33-123 | |
| p-Terphenyl-d14 | 135 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 22:12** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 5.0 | 0.79 | 10.0 | |
| Acenaphthene | ND | 5.0 | 0.98 | 10.0 | |
| Acenaphthylene | ND | 5.0 | 1.3 | 10.0 | |
| Aniline | ND | 5.0 | 1.1 | 10.0 | |
| Anthracene | ND | 5.0 | 1.1 | 10.0 | |
| Azobenzene | ND | 5.0 | 1.1 | 10.0 | |
| Benzidine | ND | 50 | 12 | 10.0 | |
| Benzo (a) Anthracene | ND | 5.0 | 1.9 | 10.0 | |
| Benzo (a) Pyrene | ND | 5.0 | 0.85 | 10.0 | |
| Benzo (b) Fluoranthene | ND | 5.0 | 0.83 | 10.0 | |
| Benzo (g,h,i) Perylene | ND | 5.0 | 0.89 | 10.0 | |
| Benzo (k) Fluoranthene | ND | 5.0 | 1.1 | 10.0 | |
| Benzoic Acid | ND | 25 | 7.7 | 10.0 | |
| Benzyl Alcohol | 21 | 5.0 | 1.5 | 10.0 | |
| Bis(2-Chloroethoxy) Methane | ND | 5.0 | 1.2 | 10.0 | |
| Bis(2-Chloroethyl) Ether | ND | 5.0 | 1.1 | 10.0 | |
| Bis(2-Chloroisopropyl) Ether | ND | 5.0 | 1.2 | 10.0 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.0 | 0.96 | 10.0 | |
| 4-Bromophenyl-Phenyl Ether | ND | 5.0 | 1.0 | 10.0 | |
| 4-Chloro-3-Methylphenol | ND | 5.0 | 1.5 | 10.0 | |
| 4-Chloroaniline | ND | 5.0 | 1.2 | 10.0 | |
| 2-Chloronaphthalene | ND | 5.0 | 0.97 | 10.0 | |
| 2-Chlorophenol | ND | 5.0 | 1.4 | 10.0 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.0 | 1.0 | 10.0 | |
| Chrysene | ND | 5.0 | 0.93 | 10.0 | |
| Di-n-Butyl Phthalate | 1.2 | 5.0 | 0.96 | 10.0 | J |
| Di-n-Octyl Phthalate | ND | 5.0 | 0.83 | 10.0 | |
| Dibenz (a,h) Anthracene | ND | 5.0 | 0.90 | 10.0 | |
| Dibenzofuran | ND | 5.0 | 1.2 | 10.0 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 1.2 | 10.0 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 1.0 | 10.0 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 1.4 | 10.0 | |
| 3,3'-Dichlorobenzidine | ND | 50 | 11 | 10.0 | |
| 2,4-Dichlorophenol | ND | 5.0 | 1.4 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 5.0 | 1.6 | 10.0 | |
| Dimethyl Phthalate | ND | 5.0 | 1.8 | 10.0 | |
| 2,4-Dimethylphenol | ND | 5.0 | 1.2 | 10.0 | |
| 4,6-Dinitro-2-Methylphenol | ND | 25 | 16 | 10.0 | |
| 2,4-Dinitrophenol | ND | 20 | 7.2 | 10.0 | |
| 2,4-Dinitrotoluene | ND | 5.0 | 1.5 | 10.0 | |
| 2,6-Dinitrotoluene | ND | 5.0 | 1.6 | 10.0 | |
| Fluoranthene | ND | 5.0 | 1.1 | 10.0 | |
| Fluorene | ND | 5.0 | 1.1 | 10.0 | |
| Hexachloro-1,3-Butadiene | ND | 5.0 | 1.0 | 10.0 | |
| Hexachlorobenzene | ND | 5.0 | 1.0 | 10.0 | |
| Hexachlorocyclopentadiene | ND | 25 | 8.3 | 10.0 | |
| Hexachloroethane | ND | 5.0 | 1.1 | 10.0 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.0 | 0.98 | 10.0 | |
| Isophorone | ND | 5.0 | 1.2 | 10.0 | |
| 2-Methylnaphthalene | ND | 5.0 | 0.94 | 10.0 | |
| 1-Methylnaphthalene | ND | 5.0 | 0.95 | 10.0 | |
| 2-Methylphenol | ND | 5.0 | 1.4 | 10.0 | |
| 3/4-Methylphenol | ND | 5.0 | 2.4 | 10.0 | |
| N-Nitroso-di-n-propylamine | ND | 5.0 | 1.2 | 10.0 | |
| N-Nitrosodimethylamine | ND | 5.0 | 1.1 | 10.0 | |
| N-Nitrosodiphenylamine | ND | 5.0 | 1.2 | 10.0 | |
| Naphthalene | ND | 5.0 | 1.3 | 10.0 | |
| 4-Nitroaniline | ND | 5.0 | 1.4 | 10.0 | |
| 3-Nitroaniline | ND | 5.0 | 1.6 | 10.0 | |
| 2-Nitroaniline | ND | 5.0 | 1.6 | 10.0 | |
| Nitrobenzene | ND | 20 | 7.6 | 10.0 | |
| 4-Nitrophenol | ND | 5.0 | 3.1 | 10.0 | |
| 2-Nitrophenol | ND | 5.0 | 1.3 | 10.0 | |
| Pentachlorophenol | ND | 25 | 13 | 10.0 | |
| Phenanthrene | ND | 5.0 | 1.2 | 10.0 | |
| Phenol | ND | 5.0 | 1.4 | 10.0 | |
| Pyrene | ND | 5.0 | 1.0 | 10.0 | |
| Pyridine | ND | 5.0 | 3.3 | 10.0 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 1.1 | 10.0 | |
| 2,4,6-Trichlorophenol | ND | 5.0 | 1.6 | 10.0 | |
| 2,4,5-Trichlorophenol | ND | 5.0 | 1.5 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 60 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 84 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 15:53** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Butyl Benzyl Phthalate | 230 | 50 | 10 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 100 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 78 | 33-123 | |
| p-Terphenyl-d14 | 109 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 20:41** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 63 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 62 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 55 | 33-123 | |
| p-Terphenyl-d14 | 62 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 20:59** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.16 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.31 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 66 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 60 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 56 | 33-123 | |
| p-Terphenyl-d14 | 58 | 27-159 | |
| Phenol-d6 | 9 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 21:17** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.3 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 69 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 71 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 54 | 33-123 | |
| p-Terphenyl-d14 | 69 | 27-159 | |
| Phenol-d6 | 5 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 15:17** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 25 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 96 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 111 | 27-159 | |
| Phenol-d6 | 5 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 70 of 81 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 21:35** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 9.1 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 6.6 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 72 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 50 | 33-123 | |
| p-Terphenyl-d14 | 71 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 21:54** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 1.7 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 3.1 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 71 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 54 | 33-123 | |
| p-Terphenyl-d14 | 67 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 15:35** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 37 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 95 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 81 | 33-123 | |
| p-Terphenyl-d14 | 108 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-15** | **N/A** | **Solid** | **GC/MS CCC** | **08/08/14** | **08/09/14 13:22** | **140808L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 78 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |
| 2-Fluorophenol | 95 | 25-120 | |
| Nitrobenzene-d5 | 81 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 94 | 26-122 | |
| 2,4,6-Tribromophenol | 94 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-14** | **N/A** | **Solid** | **GC/MS CCC** | **08/08/14** | **08/09/14 13:58** | **140808L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 81 of 81 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |
| 2-Fluorophenol | 94 | 25-120 | |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 91 | 26-122 | |
| 2,4,6-Tribromophenol | 97 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K20L21** | **14-07-1897-1-A** | **07/28/14 08:00** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 03:55** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 160 | 130 | 6.4 | 1.00 | |
| Benzene | ND | 5.2 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | 25 | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.2 | 5.2 | 0.60 | 1.00 | J |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | 3.6 | 5.2 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 5.7 | 5.2 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | 140 | 52 | 0.84 | 1.00 | |
| n-Propylbenzene | 0.84 | 5.2 | 0.52 | 1.00 | J |
| Styrene | ND | 5.2 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | 36 | 5.2 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | 24 | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.8 | 5.2 | 0.57 | 1.00 | J |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 14 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 3.3 | 5.2 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 28 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 05:39** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 27 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.22 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 43 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.6 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 1.6 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 9.5 | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| n-Propylbenzene | 0.61 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | 1.5 | 5.1 | 0.21 | 1.00 | J |
| Toluene | 36 | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 25 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.7 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 6.9 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 4.8 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L19M20** | **14-07-1897-2-A** | **07/28/14 08:15** | **Concrete** | **GC/MS BB** | **07/29/14** | **08/01/14 02:23** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 9800 | 4900 | 80 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 67 | 63-141 | |
| 1,2-Dichloroethane-d4 | 88 | 62-146 | |
| Toluene-d8 | 94 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L18M19** | **14-07-1897-3-A** | **07/28/14 08:25** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 06:05** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 47 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.19 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 31 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.6 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 18 | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | 1.5 | 5.0 | 0.55 | 1.00 | J |
| p-Isopropyltoluene | 6.2 | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 180 | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | 3.4 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 22 | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 50 | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 8.4 | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 70 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 39 | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M16N17** | **14-07-1897-4-A** | **07/28/14 08:40** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 06:31** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 99 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 42 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.3 | 5.0 | 0.57 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | 0.55 | 5.0 | 0.22 | 1.00 | J |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 2.0 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | 9.1 | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 8.6 | 50 | 4.3 | 1.00 | J |
| Naphthalene | 150 | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | 0.69 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 52 | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | 20 | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.7 | 5.0 | 0.54 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 9.1 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 3.8 | 5.0 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 29 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M17N18** | **14-07-1897-5-A** | **07/28/14 08:50** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 06:57** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 67 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 45 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.3 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | 0.54 | 5.1 | 0.23 | 1.00 | J |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 1.7 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | 11 | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | 12 | 51 | 4.4 | 1.00 | J |
| Naphthalene | 150 | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | 0.71 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 49 | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 21 | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.8 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 7.4 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 2.8 | 5.1 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K16L17** | **14-07-1897-6-A** | **07/28/14 09:10** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 07:23** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 170 | 120 | 6.0 | 1.00 | |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.23 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | 7.6 | 48 | 3.7 | 1.00 | J |
| n-Butylbenzene | 0.74 | 4.8 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | 2.1 | 48 | 1.7 | 1.00 | J |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | 4.3 | 48 | 0.79 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.49 | 1.00 | |
| Styrene | ND | 4.8 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | 0.86 | 4.8 | 0.50 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 07:49** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 68 | 130 | 6.4 | 1.00 | J |
| Benzene | 0.46 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | 5.6 | 51 | 3.9 | 1.00 | J |
| n-Butylbenzene | 69 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 3.5 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 2.5 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 21 | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| n-Propylbenzene | 0.91 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | 5.4 | 5.1 | 0.21 | 1.00 | |
| Toluene | 96 | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 59 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 3.3 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 9.6 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 3.3 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 46 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 145 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 16 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19** | **14-07-1897-7-A** | **07/28/14 09:16** | **Concrete** | **GC/MS BB** | **07/29/14** | **08/01/14 02:50** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 13000 | 4900 | 80 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 68 | 63-141 | |
| 1,2-Dichloroethane-d4 | 87 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 08:15** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 130 | 6.5 | 1.00 | J |
| Benzene | ND | 5.2 | 0.14 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.83 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | 53 | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | 2.7 | 5.2 | 0.60 | 1.00 | J |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.30 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.6 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.60 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.27 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.81 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.46 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.35 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.27 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | 1.9 | 5.2 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | 12 | 5.2 | 0.66 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| n-Propylbenzene | 0.66 | 5.2 | 0.52 | 1.00 | J |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | 66 | 5.2 | 0.54 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.24 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.87 | 1.00 | |
| 1,2,4-Trimethylbenzene | 43 | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 2.2 | 5.2 | 0.57 | 1.00 | J |
| Vinyl Acetate | ND | 52 | 5.0 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.53 | 1.00 | |
| p/m-Xylene | 7.1 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 2.1 | 5.2 | 0.58 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 27 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K19L20** | **14-07-1897-8-A** | **07/28/14 09:30** | **Concrete** | **GC/MS BB** | **07/29/14** | **08/01/14 03:17** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 10000 | 5100 | 84 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 66 | 63-141 | |
| 1,2-Dichloroethane-d4 | 83 | 62-146 | |
| Toluene-d8 | 94 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 08:40** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 120 | 6.0 | 1.00 | J |
| Benzene | 0.16 | 4.8 | 0.12 | 1.00 | J |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | 46 | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | 2.7 | 4.8 | 0.56 | 1.00 | J |
| tert-Butylbenzene | 0.17 | 4.8 | 0.15 | 1.00 | J |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | 3.1 | 4.8 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | 0.78 | 4.8 | 0.53 | 1.00 | J |
| p-Isopropyltoluene | 13 | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| n-Propylbenzene | 2.6 | 4.8 | 0.48 | 1.00 | J |
| Styrene | 3.3 | 4.8 | 0.58 | 1.00 | J |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | 8.3 | 4.8 | 0.20 | 1.00 | |
| Toluene | 5.7 | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | 94 | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | 8.0 | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | 12 | 4.8 | 0.26 | 1.00 | |
| o-Xylene | 6.5 | 4.8 | 0.53 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 40 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K17L18** | **14-07-1897-9-A** | **07/28/14 09:40** | **Concrete** | **GC/MS BB** | **07/29/14** | **08/01/14 03:44** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 9900 | 4800 | 78 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 66 | 63-141 | |
| 1,2-Dichloroethane-d4 | 83 | 62-146 | |
| Toluene-d8 | 94 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K15L16** | **14-07-1897-10-A** | **07/28/14 10:00** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 09:07** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 13 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | 0.97 | 5.1 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 9.9 | 51 | 0.84 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.0 | 5.1 | 0.60 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 51 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 25 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H12J13** | **14-07-1897-11-A** | **07/28/14 10:20** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 09:33** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 16 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.16 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.30 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 1.9 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.58 | 5.0 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 44 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H13J14** | **14-07-1897-12-A** | **07/28/14 10:30** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 09:59** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 23 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.40 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 2.4 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | 0.33 | 5.0 | 0.22 | 1.00 | J |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 44 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H15J16** | **14-07-1897-13-A** | **07/28/14 10:40** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 10:24** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 68 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.19 | 5.0 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 0.15 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 0.87 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.82 | 5.0 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.71 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 27 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J15K16** | **14-07-1897-14-A** | **07/28/14 10:50** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 10:50** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 27 | 130 | 6.5 | 1.00 | J |
| Benzene | ND | 5.2 | 0.14 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.83 | 1.00 | |
| Bromomethane | ND | 26 | 9.9 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | 0.63 | 5.2 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.30 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.6 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.60 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.27 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.81 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.46 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.35 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.27 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | 0.21 | 5.2 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 0.66 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | 3.5 | 52 | 0.85 | 1.00 | J |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | ND | 5.2 | 0.54 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.96 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.24 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.87 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.75 | 5.2 | 0.61 | 1.00 | J |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 5.0 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.53 | 1.00 | |
| p/m-Xylene | 1.5 | 5.2 | 0.28 | 1.00 | J |
| o-Xylene | 1.1 | 5.2 | 0.58 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H16J17** | **14-07-1897-15-A** | **07/28/14 11:00** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 11:16** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 48 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.22 | 5.0 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 1.8 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 31 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G16H17** | **14-07-1897-16-A** | **07/28/14 11:10** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 11:42** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 14 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.31 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.4 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 2.1 | 49 | 0.79 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | 2.7 | 4.9 | 0.50 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.93 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 0.76 | 4.9 | 0.54 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 30 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G14H15** | **14-07-1897-17-A** | **07/28/14 11:20** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 12:08** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 35 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.12 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | 0.21 | 4.8 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | 0.53 | 4.8 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | 1.6 | 48 | 0.78 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | 0.91 | 4.8 | 0.50 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | 2.5 | 4.8 | 0.26 | 1.00 | J |
| o-Xylene | 1.1 | 4.8 | 0.53 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 24 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G12H13** | **14-07-1897-18-A** | **07/28/14 11:30** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 02:59** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 51 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | 12 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | 24 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.1 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 2.8 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | 0.62 | 5.1 | 0.56 | 1.00 | J |
| p-Isopropyltoluene | 4.6 | 5.1 | 0.64 | 1.00 | J |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 190 | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | 2.3 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 1.6 | 5.1 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 30 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 4.7 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 11 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 4.9 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 9 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 102 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G12** | **14-07-1897-19-A** | **07/28/14 12:00** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 03:53** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 29 | 130 | 6.3 | 1.00 | J |
| Benzene | 1.0 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 5.6 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | 0.19 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | 0.73 | 5.0 | 0.24 | 1.00 | J |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 2.8 | 50 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.56 | 5.0 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 13 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 43 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14** | **14-07-1897-20-A** | **07/28/14 12:20** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 04:20** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 120 | 120 | 6.0 | 1.00 | J |
| Benzene | 8.3 | 4.8 | 0.12 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.0 | 1.00 | |
| 2-Butanone | 22 | 48 | 3.6 | 1.00 | J |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.55 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.14 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | 7.3 | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | 0.36 | 4.8 | 0.33 | 1.00 | J |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | 0.15 | 4.8 | 0.15 | 1.00 | J |
| 2-Hexanone | 3.7 | 48 | 1.7 | 1.00 | J |
| Isopropylbenzene | ND | 4.8 | 0.52 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.60 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.1 | 1.00 | |
| Naphthalene | 2.7 | 48 | 0.78 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | 0.67 | 4.8 | 0.49 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | 0.75 | 4.8 | 0.26 | 1.00 | J |
| o-Xylene | 0.63 | 4.8 | 0.53 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 7 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H17J18** | **14-07-1897-21-A** | **07/28/14 13:00** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 04:47** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 28 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | 0.30 | 4.8 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | 2.0 | 48 | 0.78 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | 0.20 | 4.8 | 0.20 | 1.00 | J |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | 0.60 | 4.8 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.8 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 10 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 94 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 47 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18** | **14-07-1897-22-A** | **07/28/14 13:10** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 05:14** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 47 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | 7.9 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | 0.42 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | 2.7 | 49 | 1.7 | 1.00 | J |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | 2.3 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 1.4 | 4.9 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 7 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 94 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 49 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 05:40** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 83 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 50 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 2.3 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | 0.25 | 5.0 | 0.23 | 1.00 | J |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 0.69 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | 11 | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 19 | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 32 | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.2 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | 2.7 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 1.9 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 8 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 93 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N21O22** | **14-07-1897-23-A** | **07/28/14 13:40** | **Concrete** | **GC/MS Z** | **07/29/14** | **08/05/14 14:25** | **140805L024** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 7800 | 4900 | 79 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 90 | 63-141 | |
| 1,2-Dichloroethane-d4 | 78 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 06:07** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 110 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.27 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 85 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 4.3 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | 0.39 | 5.0 | 0.15 | 1.00 | J |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | 0.42 | 5.0 | 0.22 | 1.00 | J |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 39 | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | 1.0 | 5.0 | 0.54 | 1.00 | J |
| p-Isopropyltoluene | 20 | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 48 | 50 | 4.3 | 1.00 | J |
| n-Propylbenzene | 0.82 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 91 | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 58 | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 2.7 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 150 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 63 | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 8 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 93 | 62-146 | |
| Toluene-d8 | 100 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N20O21** | **14-07-1897-24-A** | **07/28/14 13:50** | **Concrete** | **GC/MS BB** | **07/29/14** | **08/01/14 04:11** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 16000 | 5100 | 83 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 67 | 63-141 | |
| 1,2-Dichloroethane-d4 | 81 | 62-146 | |
| Toluene-d8 | 95 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **GC/MS BB** | **07/29/14** | **07/31/14 06:34** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 73 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | 45 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.9 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 3.3 | 5.1 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 5.3 | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | 20 | 51 | 4.4 | 1.00 | J |
| n-Propylbenzene | 0.65 | 5.1 | 0.52 | 1.00 | J |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | 1.7 | 5.1 | 0.53 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 28 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.5 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | 15 | 5.1 | 0.28 | 1.00 | |
| o-Xylene | 7.4 | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 8 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N19O20** | **14-07-1897-25-A** | **07/28/14 14:00** | **Concrete** | **GC/MS BB** | **07/29/14** | **08/01/14 04:38** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 5700 | 4800 | 78 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 67 | 63-141 | |
| 1,2-Dichloroethane-d4 | 79 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 58 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-351** | **N/A** | **Solid** | **GC/MS BB** | **07/30/14** | **07/30/14 21:36** | **140730L033** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 99 | 63-141 | |
| 1,2-Dichloroethane-d4 | 100 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 60 of 62 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-352** | **N/A** | **Solid** | **GC/MS Q** | **07/30/14** | **07/31/14 03:04** | **140730L055** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 109 | 63-141 | |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-360** | **N/A** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 21:27** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | ND | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 78 | 63-141 | |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-362** | **N/A** | **Solid** | **GC/MS Z** | **08/05/14** | **08/05/14 11:35** | **140805L024** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | ND | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 60-132 | |
| Dibromofluoromethane | 86 | 63-141 | |
| 1,2-Dichloroethane-d4 | 77 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 21:59** | **140731S01P** |
| **K20L21** | **Matrix Spike** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:06** | **140731S01P** |
| **K20L21** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/31/14** | **07/31/14 22:12** | **140731S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 1991 | 40000 | 36210 | 86 | 47100 | 113 | 75-125 | 26 | 0-25 | 4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **H17J18** | **Sample** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 01:26** | **140731S02P** |
| **H17J18** | **Matrix Spike** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 01:32** | **140731S02P** |
| **H17J18** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **07/31/14** | **08/01/14 01:38** | **140731S02P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 676.4 | 40000 | 39950 | 98 | 40180 | 99 | 75-125 | 1 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **M17N18** | **Sample** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 22:10** | **140730S09** |
| **M17N18** | **Matrix Spike** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 20:20** | **140730S09** |
| **M17N18** | **Matrix Spike Duplicate** | **Concrete** | **GC 48** | **07/30/14** | **07/30/14 20:35** | **140730S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 249.6 | 400.0 | 675.9 | 107 | 693.2 | 111 | 64-130 | 3 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1988-12** | **Sample** | **Solid** | **GC 48** | **07/30/14** | **07/31/14 06:16** | **140730S10** |
| **14-07-1988-12** | **Matrix Spike** | **Solid** | **GC 48** | **07/30/14** | **07/31/14 03:24** | **140730S10** |
| **14-07-1988-12** | **Matrix Spike Duplicate** | **Solid** | **GC 48** | **07/30/14** | **07/31/14 03:39** | **140730S10** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | ND | 400.0 | 510.9 | 128 | 521.4 | 130 | 64-130 | 2 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:15** | **140801S01** |
| **K20L21** | **Matrix Spike** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:16** | **140801S01** |
| **K20L21** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 17:17** | **140801S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 8.083 | 32 | 8.779 | 35 | 50-115 | 8 | 0-20 | 3 |
| Arsenic | 1.878 | 25.00 | 29.84 | 112 | 30.82 | 116 | 75-125 | 3 | 0-20 | |
| Barium | 127.4 | 25.00 | 183.5 | 4X | 264.8 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | ND | 25.00 | 27.57 | 110 | 28.92 | 116 | 75-125 | 5 | 0-20 | |
| Cadmium | ND | 25.00 | 24.98 | 100 | 26.02 | 104 | 75-125 | 4 | 0-20 | |
| Chromium | 10.04 | 25.00 | 35.86 | 103 | 37.61 | 110 | 75-125 | 5 | 0-20 | |
| Cobalt | 3.482 | 25.00 | 30.13 | 107 | 31.30 | 111 | 75-125 | 4 | 0-20 | |
| Copper | 6.353 | 25.00 | 32.96 | 106 | 34.51 | 113 | 75-125 | 5 | 0-20 | |
| Lead | 1.286 | 25.00 | 26.07 | 99 | 27.08 | 103 | 75-125 | 4 | 0-20 | |
| Molybdenum | 0.3425 | 25.00 | 26.34 | 104 | 27.49 | 109 | 75-125 | 4 | 0-20 | |
| Nickel | 3.926 | 25.00 | 29.08 | 101 | 30.46 | 106 | 75-125 | 5 | 0-20 | |
| Selenium | ND | 25.00 | 23.35 | 93 | 24.72 | 99 | 75-125 | 6 | 0-20 | |
| Silver | 0.3147 | 12.50 | 14.94 | 117 | 15.71 | 123 | 75-125 | 5 | 0-20 | |
| Thallium | ND | 25.00 | 22.57 | 90 | 23.52 | 94 | 75-125 | 4 | 0-20 | |
| Vanadium | 15.70 | 25.00 | 43.26 | 110 | 45.42 | 119 | 75-125 | 5 | 0-20 | |
| Zinc | 15.87 | 25.00 | 39.97 | 96 | 40.94 | 100 | 75-125 | 2 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **N19O20** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:32** | **140801S02** |
| **N19O20** | **Matrix Spike** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:33** | **140801S02** |
| **N19O20** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:34** | **140801S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 8.905 | 36 | 9.059 | 36 | 50-115 | 2 | 0-20 | 3 |
| Arsenic | 0.8790 | 25.00 | 29.69 | 115 | 30.56 | 119 | 75-125 | 3 | 0-20 | |
| Barium | 125.6 | 25.00 | 182.3 | 4X | 167.3 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | ND | 25.00 | 28.28 | 113 | 29.17 | 117 | 75-125 | 3 | 0-20 | |
| Cadmium | ND | 25.00 | 25.81 | 103 | 26.69 | 107 | 75-125 | 3 | 0-20 | |
| Chromium | 6.918 | 25.00 | 34.31 | 110 | 34.72 | 111 | 75-125 | 1 | 0-20 | |
| Cobalt | 3.823 | 25.00 | 31.97 | 113 | 32.93 | 116 | 75-125 | 3 | 0-20 | |
| Copper | 8.814 | 25.00 | 37.67 | 115 | 37.32 | 114 | 75-125 | 1 | 0-20 | |
| Lead | 10.97 | 25.00 | 37.98 | 108 | 38.21 | 109 | 75-125 | 1 | 0-20 | |
| Molybdenum | ND | 25.00 | 27.00 | 108 | 28.18 | 113 | 75-125 | 4 | 0-20 | |
| Nickel | 4.851 | 25.00 | 31.56 | 107 | 32.36 | 110 | 75-125 | 2 | 0-20 | |
| Selenium | ND | 25.00 | 23.25 | 93 | 25.04 | 100 | 75-125 | 7 | 0-20 | |
| Silver | 0.2630 | 12.50 | 14.85 | 117 | 15.20 | 120 | 75-125 | 2 | 0-20 | |
| Thallium | ND | 25.00 | 22.07 | 88 | 23.30 | 93 | 75-125 | 5 | 0-20 | |
| Vanadium | 21.78 | 25.00 | 51.36 | 118 | 51.28 | 118 | 75-125 | 0 | 0-20 | |
| Zinc | 55.15 | 25.00 | 91.40 | 145 | 83.23 | 112 | 75-125 | 9 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 13:57** | **140804S01** |
| **K20L21** | **Matrix Spike** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 13:59** | **140804S01** |
| **K20L21** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 14:01** | **140804S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.4019 | 48 | 0.4529 | 54 | 80-120 | 12 | 0-15 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 7471A Total
Method: EPA 7471A
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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **N19O20** | **Sample** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:11** | **140804S02** |
| **N19O20** | **Matrix Spike** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:13** | **140804S02** |
| **N19O20** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **08/04/14** | **08/04/14 15:15** | **140804S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.6040 | 72 | 0.2773 | 33 | 80-120 | 74 | 0-15 | 3,4 |

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 21 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 01:04** | **140802S12** |
| **K20L21** | **Matrix Spike** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 00:28** | **140802S12** |
| **K20L21** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **08/02/14** | **08/05/14 00:46** | **140802S12** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 101.0 | 101 | 100.6 | 101 | 50-135 | 0 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 143.2 | 143 | 131.9 | 132 | 50-135 | 8 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8082

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G17H18** | **Sample** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 17:16** | **140802S13** |
| **G17H18** | **Matrix Spike** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 16:40** | **140802S13** |
| **G17H18** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **08/02/14** | **08/04/14 16:58** | **140802S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 89.22 | 89 | 82.54 | 83 | 50-135 | 8 | 0-20 | |
| Aroclor-1260 | 198.9 | 100.0 | 255.4 | 57 | 248.9 | 50 | 50-135 | 3 | 0-25 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G17H18** | **Sample** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 20:59** | **140808S03** |
| **G17H18** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 16:12** | **140808S03** |
| **G17H18** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 16:30** | **140808S03** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.448 | 94 | 9.778 | 98 | 34-148 | 3 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.369 | 94 | 9.682 | 97 | 53-120 | 3 | 0-20 | |
| Aniline | ND | 10.00 | 7.407 | 74 | 7.547 | 75 | 80-120 | 2 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 9.623 | 96 | 9.847 | 98 | 80-120 | 2 | 0-20 | |
| Azobenzene | ND | 10.00 | 8.470 | 85 | 8.894 | 89 | 80-120 | 5 | 0-20 | |
| Benzidine | ND | 10.00 | 15.15 | 151 | 14.32 | 143 | 80-120 | 6 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 9.651 | 97 | 9.884 | 99 | 80-120 | 2 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 9.965 | 100 | 9.138 | 91 | 80-120 | 9 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 9.621 | 96 | 8.932 | 89 | 80-120 | 7 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 10.50 | 105 | 10.76 | 108 | 80-120 | 2 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 8.663 | 87 | 8.254 | 83 | 80-120 | 5 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 2.844 | 28 | 2.906 | 29 | 80-120 | 2 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 8.305 | 83 | 8.433 | 84 | 80-120 | 2 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 8.339 | 83 | 8.683 | 87 | 80-120 | 4 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 8.315 | 83 | 8.411 | 84 | 80-120 | 1 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 7.401 | 74 | 7.590 | 76 | 80-120 | 3 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 9.230 | 92 | 9.934 | 99 | 80-120 | 7 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 9.458 | 95 | 9.909 | 99 | 80-120 | 5 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.000 | 90 | 9.964 | 100 | 15-189 | 10 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 1.535 | 15 | 2.531 | 25 | 32-120 | 49 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 10.00 | 8.312 | 83 | 8.455 | 85 | 80-120 | 2 | 0-20 | |
| 2-Chloronaphthalene | ND | 10.00 | 9.207 | 92 | 9.614 | 96 | 80-120 | 4 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.1212 | 1 | 0.4606 | 5 | 53-120 | 117 | 0-20 | 3,4 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 8.594 | 86 | 8.749 | 87 | 80-120 | 2 | 0-20 | |
| Chrysene | ND | 10.00 | 9.219 | 92 | 9.438 | 94 | 80-120 | 2 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 9.306 | 93 | 9.555 | 96 | 80-120 | 3 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 9.282 | 93 | 9.471 | 95 | 80-120 | 2 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 10.72 | 107 | 10.89 | 109 | 80-120 | 2 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 9.158 | 92 | 9.434 | 94 | 80-120 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 8.803 | 88 | 9.275 | 93 | 80-120 | 5 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 8.932 | 89 | 9.428 | 94 | 80-120 | 5 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 8.813 | 88 | 9.354 | 94 | 43-120 | 6 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 8.329 | 83 | 8.212 | 82 | 80-120 | 1 | 0-20 | |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 8.418 | 84 | 8.692 | 87 | 80-120 | 3 | 0-20 | |
| Dimethyl Phthalate | ND | 10.00 | 8.278 | 83 | 8.801 | 88 | 44-122 | 6 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 5.124 | 51 | 5.600 | 56 | 80-120 | 9 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6097 | 6 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.227 | 12 | 1.223 | 12 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.408 | 94 | 9.571 | 96 | 28-120 | 2 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 9.680 | 97 | 9.923 | 99 | 80-120 | 2 | 0-20 | |
| Fluoranthene | ND | 10.00 | 9.580 | 96 | 9.407 | 94 | 80-120 | 2 | 0-20 | |
| Fluorene | ND | 10.00 | 8.956 | 90 | 9.034 | 90 | 12-186 | 1 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 9.261 | 93 | 9.801 | 98 | 80-120 | 6 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 9.052 | 91 | 9.350 | 94 | 80-120 | 3 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 8.772 | 88 | 10.24 | 102 | 80-120 | 15 | 0-20 | |
| Hexachloroethane | ND | 10.00 | 8.671 | 87 | 9.127 | 91 | 80-120 | 5 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 11.10 | 111 | 11.25 | 112 | 80-120 | 1 | 0-20 | |
| Isophorone | ND | 10.00 | 8.019 | 80 | 8.263 | 83 | 80-120 | 3 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.557 | 96 | 9.807 | 98 | 80-120 | 3 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 8.943 | 89 | 9.180 | 92 | 80-120 | 3 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 4.812 | 48 | 5.511 | 55 | 80-120 | 14 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 6.445 | 32 | 7.894 | 39 | 80-120 | 20 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 7.849 | 78 | 8.082 | 81 | 38-140 | 3 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 7.660 | 77 | 8.058 | 81 | 80-120 | 5 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 10.00 | 10.95 | 109 | 11.50 | 115 | 80-120 | 5 | 0-20 | |
| Naphthalene | ND | 10.00 | 9.072 | 91 | 9.465 | 95 | 20-140 | 4 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 9.377 | 94 | 9.405 | 94 | 80-120 | 0 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.187 | 92 | 9.303 | 93 | 80-120 | 1 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 8.854 | 89 | 9.109 | 91 | 80-120 | 3 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 8.106 | 81 | 8.416 | 84 | 80-120 | 4 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0.1382 | 1 | 0.3041 | 3 | 14-128 | 75 | 0-59 | 3,4 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.9346 | 9 | 0.9436 | 9 | 10-124 | 1 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 9.542 | 95 | 9.763 | 98 | 80-120 | 2 | 0-20 | |
| Phenol | ND | 10.00 | 2.090 | 21 | 3.049 | 30 | 22-124 | 37 | 0-20 | 3,4 |
| Pyrene | ND | 10.00 | 9.483 | 95 | 10.55 | 106 | 31-169 | 11 | 0-20 | |
| Pyridine | ND | 10.00 | 8.933 | 89 | 9.577 | 96 | 80-120 | 7 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 9.139 | 91 | 9.585 | 96 | 56-120 | 5 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/09/14 16:24** | **140808S12** |
| **K20L21** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 18:38** | **140808S12** |
| **K20L21** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/08/14** | **08/11/14 18:56** | **140808S12** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 8.982 | 90 | 10.42 | 104 | 34-148 | 15 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 8.871 | 89 | 10.30 | 103 | 53-120 | 15 | 0-20 | |
| Aniline | ND | 10.00 | 6.794 | 68 | 7.783 | 78 | 80-120 | 14 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 9.020 | 90 | 10.42 | 104 | 80-120 | 14 | 0-20 | |
| Azobenzene | ND | 10.00 | 8.015 | 80 | 9.406 | 94 | 80-120 | 16 | 0-20 | |
| Benzidine | ND | 10.00 | 14.37 | 144 | 15.31 | 153 | 80-120 | 6 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 9.068 | 91 | 10.58 | 106 | 80-120 | 15 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 8.908 | 89 | 10.06 | 101 | 80-120 | 12 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 8.546 | 85 | 9.447 | 94 | 80-120 | 10 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 9.657 | 97 | 12.17 | 122 | 80-120 | 23 | 0-20 | 3,4 |
| Benzo (k) Fluoranthene | ND | 10.00 | 7.990 | 80 | 9.256 | 93 | 80-120 | 15 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 2.027 | 20 | 1.611 | 16 | 80-120 | 23 | 0-20 | 3,4 |
| Benzyl Alcohol | 6.141 | 10.00 | 19.02 | 129 | 15.57 | 94 | 80-120 | 20 | 0-20 | 3 |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 7.048 | 70 | 8.174 | 82 | 80-120 | 15 | 0-20 | 3 |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 7.729 | 77 | 8.858 | 89 | 80-120 | 14 | 0-20 | 3 |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 6.882 | 69 | 7.852 | 79 | 80-120 | 13 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 8.807 | 88 | 10.58 | 106 | 80-120 | 18 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 8.631 | 86 | 10.23 | 102 | 80-120 | 17 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 8.323 | 83 | 10.57 | 106 | 15-189 | 24 | 0-20 | 4 |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 0.4979 | 5 | 2.489 | 25 | 32-120 | 133 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 10.00 | 6.736 | 67 | 7.729 | 77 | 80-120 | 14 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 8.720 | 87 | 10.10 | 101 | 80-120 | 15 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0 | 0 | 0.1604 | 2 | 53-120 | 0 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 8.031 | 80 | 9.269 | 93 | 80-120 | 14 | 0-20 | |
| Chrysene | ND | 10.00 | 8.651 | 87 | 10.11 | 101 | 80-120 | 16 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 8.519 | 85 | 9.898 | 99 | 80-120 | 15 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 8.708 | 87 | 10.21 | 102 | 80-120 | 16 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 9.803 | 98 | 12.16 | 122 | 80-120 | 21 | 0-20 | 3,4 |
| Dibenzofuran | ND | 10.00 | 8.680 | 87 | 10.10 | 101 | 80-120 | 15 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 8.320 | 83 | 9.623 | 96 | 80-120 | 15 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 8.328 | 83 | 9.663 | 97 | 80-120 | 15 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 8.258 | 83 | 9.600 | 96 | 43-120 | 15 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 7.361 | 74 | 8.710 | 87 | 80-120 | 17 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 7.681 | 77 | 9.334 | 93 | 80-120 | 19 | 0-20 | 3 |
| Dimethyl Phthalate | ND | 10.00 | 7.127 | 71 | 9.260 | 93 | 44-122 | 26 | 0-20 | 4 |
| 2,4-Dimethylphenol | ND | 10.00 | 2.747 | 27 | 5.471 | 55 | 80-120 | 66 | 0-20 | 3,4 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6087 | 6 | 0.6104 | 6 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.219 | 12 | 1.228 | 12 | 80-120 | 1 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 8.715 | 87 | 10.37 | 104 | 28-120 | 17 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 9.155 | 92 | 10.56 | 106 | 80-120 | 14 | 0-20 | |
| Fluoranthene | ND | 10.00 | 8.940 | 89 | 9.956 | 100 | 80-120 | 11 | 0-20 | |
| Fluorene | ND | 10.00 | 8.421 | 84 | 9.702 | 97 | 12-186 | 14 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 7.710 | 77 | 8.957 | 90 | 80-120 | 15 | 0-20 | 3 |
| Hexachlorobenzene | ND | 10.00 | 8.202 | 82 | 9.671 | 97 | 80-120 | 16 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 8.052 | 81 | 9.908 | 99 | 80-120 | 21 | 0-20 | 4 |
| Hexachloroethane | ND | 10.00 | 9.288 | 93 | 10.64 | 106 | 80-120 | 14 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 10.14 | 101 | 12.60 | 126 | 80-120 | 22 | 0-20 | 3,4 |
| Isophorone | ND | 10.00 | 6.745 | 67 | 7.783 | 78 | 80-120 | 14 | 0-20 | 3 |
| 2-Methylnaphthalene | ND | 10.00 | 8.193 | 82 | 9.373 | 94 | 80-120 | 13 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 7.579 | 76 | 8.772 | 88 | 80-120 | 15 | 0-20 | 3 |
| 2-Methylphenol | ND | 10.00 | 3.412 | 34 | 6.262 | 63 | 80-120 | 59 | 0-20 | 3,4 |
| 3/4-Methylphenol | ND | 20.00 | 3.517 | 18 | 9.705 | 49 | 80-120 | 94 | 0-20 | 3,4 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 7.600 | 76 | 8.622 | 86 | 38-140 | 13 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 7.039 | 70 | 8.270 | 83 | 80-120 | 16 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 10.00 | 10.50 | 105 | 12.29 | 123 | 80-120 | 16 | 0-20 | 3 |
| Naphthalene | 2.365 | 10.00 | 10.15 | 78 | 11.34 | 90 | 20-140 | 11 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 8.849 | 88 | 10.36 | 104 | 80-120 | 16 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 8.584 | 86 | 10.09 | 101 | 80-120 | 16 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 8.270 | 83 | 9.820 | 98 | 80-120 | 17 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 6.825 | 68 | 7.951 | 80 | 80-120 | 15 | 0-20 | 3 |
| 4-Nitrophenol | ND | 10.00 | 0.4201 | 4 | 0.1864 | 2 | 14-128 | 77 | 0-59 | 3,4 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.9291 | 9 | 0.9510 | 10 | 10-124 | 2 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 8.912 | 89 | 10.36 | 104 | 80-120 | 15 | 0-20 | |
| Phenol | ND | 10.00 | 0.7256 | 7 | 2.976 | 30 | 22-124 | 122 | 0-20 | 3,4 |
| Pyrene | ND | 10.00 | 9.078 | 91 | 11.44 | 114 | 31-169 | 23 | 0-20 | 4 |
| Pyridine | ND | 10.00 | 8.053 | 81 | 9.612 | 96 | 80-120 | 18 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 7.650 | 77 | 8.885 | 89 | 56-120 | 15 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 03:55** | **140730S031** |
| **K20L21** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 04:21** | **140730S031** |
| **K20L21** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/29/14** | **07/31/14 04:47** | **140730S031** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 161.7 | 50.00 | 185.3 | 47 | 184.7 | 46 | 70-130 | 0 | 0-20 | 3 |
| Benzene | ND | 50.00 | 43.68 | 87 | 43.01 | 86 | 61-127 | 2 | 0-20 | |
| Bromobenzene | ND | 50.00 | 36.03 | 72 | 36.26 | 73 | 70-130 | 1 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 45.59 | 91 | 46.45 | 93 | 70-130 | 2 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 13.90 | 28 | 13.19 | 26 | 70-130 | 5 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 24.95 | 50 | 24.94 | 50 | 70-130 | 0 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 45.61 | 91 | 43.35 | 87 | 70-130 | 5 | 0-20 | |
| 2-Butanone | ND | 50.00 | 54.28 | 109 | 56.30 | 113 | 70-130 | 4 | 0-20 | |
| n-Butylbenzene | 24.81 | 50.00 | 49.72 | 50 | 50.68 | 52 | 77-123 | 2 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 35.33 | 71 | 35.85 | 72 | 70-130 | 1 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 33.58 | 67 | 33.96 | 68 | 70-130 | 1 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 22.00 | 44 | 19.39 | 39 | 70-130 | 13 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 41.00 | 82 | 42.39 | 85 | 51-135 | 3 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 39.42 | 79 | 39.95 | 80 | 57-123 | 1 | 0-20 | |
| Chloroethane | ND | 50.00 | 46.02 | 92 | 49.00 | 98 | 70-130 | 6 | 0-20 | |
| Chloroform | ND | 50.00 | 45.04 | 90 | 44.89 | 90 | 70-130 | 0 | 0-20 | |
| Chloromethane | ND | 50.00 | 36.69 | 73 | 39.49 | 79 | 70-130 | 7 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 36.72 | 73 | 37.34 | 75 | 70-130 | 2 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 34.61 | 69 | 35.55 | 71 | 70-130 | 3 | 0-20 | 3 |
| Dibromochloromethane | ND | 50.00 | 16.36 | 33 | 16.33 | 33 | 70-130 | 0 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 9.421 | 19 | 9.712 | 19 | 70-130 | 3 | 0-20 | 3 |
| 1,2-Dibromoethane | ND | 50.00 | 39.40 | 79 | 40.30 | 81 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 46.38 | 93 | 45.93 | 92 | 70-130 | 1 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 32.37 | 65 | 32.96 | 66 | 35-131 | 2 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 31.60 | 63 | 32.52 | 65 | 70-130 | 3 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 50.00 | 31.06 | 62 | 31.68 | 63 | 70-130 | 2 | 0-20 | 3 |
| Dichlorodifluoromethane | ND | 50.00 | 40.25 | 81 | 42.26 | 85 | 70-130 | 5 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 43.91 | 88 | 44.98 | 90 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 46.67 | 93 | 46.83 | 94 | 70-130 | 0 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 81.13 | 162 | 82.32 | 165 | 47-143 | 1 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 44.75 | 90 | 45.41 | 91 | 70-130 | 1 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 45.64 | 91 | 46.39 | 93 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 44.14 | 88 | 43.83 | 88 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 43.53 | 87 | 43.58 | 87 | 70-130 | 0 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 35.32 | 71 | 35.99 | 72 | 70-130 | 2 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 45.39 | 91 | 46.29 | 93 | 70-130 | 2 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 34.77 | 70 | 34.74 | 69 | 70-130 | 0 | 0-20 | 3 |
| t-1,3-Dichloropropene | ND | 50.00 | 33.66 | 67 | 34.73 | 69 | 70-130 | 3 | 0-20 | 3 |
| Ethylbenzene | ND | 50.00 | 43.78 | 88 | 43.67 | 87 | 57-129 | 0 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 48.67 | 97 | 49.49 | 99 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 39.50 | 79 | 39.78 | 80 | 70-130 | 1 | 0-20 | |
| p-Isopropyltoluene | 5.697 | 50.00 | 37.70 | 64 | 38.49 | 66 | 70-130 | 2 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 43.61 | 87 | 44.29 | 89 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 45.95 | 92 | 45.25 | 90 | 70-130 | 2 | 0-20 | |
| Naphthalene | 144.6 | 50.00 | 157.9 | 27 | 156.1 | 23 | 70-130 | 1 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 37.95 | 76 | 38.45 | 77 | 70-130 | 1 | 0-20 | |
| Styrene | ND | 50.00 | 37.72 | 75 | 38.77 | 78 | 70-130 | 3 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 21.24 | 42 | 20.33 | 41 | 70-130 | 4 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.7430 | 1 | 0.6691 | 1 | 70-130 | 10 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 56.61 | 113 | 56.79 | 114 | 70-130 | 0 | 0-20 | |
| Toluene | 36.21 | 50.00 | 75.63 | 79 | 73.19 | 74 | 63-123 | 3 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 20.96 | 42 | 22.52 | 45 | 70-130 | 7 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 21.28 | 43 | 22.44 | 45 | 70-130 | 5 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 42.92 | 86 | 43.83 | 88 | 70-130 | 2 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 0.5504 | 1 | 0.4262 | 1 | 70-130 | 25 | 0-20 | 3,4 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 44.01 | 88 | 44.19 | 88 | 70-130 | 0 | 0-20 | |
| Trichloroethene | ND | 50.00 | 90.46 | 181 | 90.56 | 181 | 44-158 | 0 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 25.01 | 50 | 25.49 | 51 | 70-130 | 2 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | 23.59 | 50.00 | 55.30 | 63 | 55.74 | 64 | 70-130 | 1 | 0-20 | 3 |
| Trichlorofluoromethane | ND | 50.00 | 50.39 | 101 | 52.69 | 105 | 70-130 | 4 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 37.21 | 74 | 37.74 | 75 | 70-130 | 1 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 1.741 | 3 | 1.630 | 3 | 70-130 | 7 | 0-20 | 3 |
| Vinyl Chloride | ND | 50.00 | 47.39 | 95 | 49.93 | 100 | 49-139 | 5 | 0-47 | |
| p/m-Xylene | 14.17 | 100.0 | 92.00 | 78 | 91.31 | 77 | 70-130 | 1 | 0-20 | |
| o-Xylene | ND | 50.00 | 42.23 | 84 | 42.81 | 86 | 70-130 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 41.82 | 84 | 42.70 | 85 | 57-123 | 2 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-08-0053-9** | **Sample** | **Solid** | **GC/MS Z** | **08/04/14** | **08/05/14 12:32** | **140805S009** |
| **14-08-0053-9** | **Matrix Spike** | **Solid** | **GC/MS Z** | **08/04/14** | **08/05/14 13:28** | **140805S009** |
| **14-08-0053-9** | **Matrix Spike Duplicate** | **Solid** | **GC/MS Z** | **08/04/14** | **08/05/14 13:56** | **140805S009** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 39.55 | 79 | 42.55 | 85 | 61-127 | 7 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 32.91 | 66 | 37.02 | 74 | 51-135 | 12 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 40.60 | 81 | 44.24 | 88 | 57-123 | 9 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 41.04 | 82 | 44.27 | 89 | 64-124 | 8 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 39.11 | 78 | 43.93 | 88 | 35-131 | 12 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 32.04 | 64 | 34.02 | 68 | 80-120 | 6 | 0-20 | 3 |
| 1,1-Dichloroethene | ND | 50.00 | 33.66 | 67 | 37.27 | 75 | 47-143 | 10 | 0-25 | |
| Ethylbenzene | ND | 50.00 | 39.91 | 80 | 43.38 | 87 | 57-129 | 8 | 0-22 | |
| Toluene | ND | 50.00 | 40.22 | 80 | 43.40 | 87 | 63-123 | 8 | 0-20 | |
| Trichloroethene | ND | 50.00 | 38.29 | 77 | 41.95 | 84 | 44-158 | 9 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 32.65 | 65 | 35.39 | 71 | 49-139 | 8 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 79.79 | 80 | 86.49 | 86 | 70-130 | 8 | 0-30 | |
| o-Xylene | ND | 50.00 | 41.32 | 83 | 45.34 | 91 | 70-130 | 9 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 37.82 | 76 | 41.16 | 82 | 57-123 | 8 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1715-12** | **Sample** | **Solid** | **GC/MS BB** | **07/30/14** | **07/30/14 22:03** | **140730S015** |
| **14-07-1715-12** | **Matrix Spike** | **Solid** | **GC/MS BB** | **07/30/14** | **07/30/14 22:30** | **140730S015** |
| **14-07-1715-12** | **Matrix Spike Duplicate** | **Solid** | **GC/MS BB** | **07/30/14** | **07/30/14 22:57** | **140730S015** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 1184 | 50.00 | 1255 | 143 | 1373 | 379 | 70-130 | 9 | 0-20 | 3 |
| Benzene | ND | 50.00 | 44.83 | 90 | 44.80 | 90 | 61-127 | 0 | 0-20 | |
| Bromobenzene | ND | 50.00 | 45.52 | 91 | 44.17 | 88 | 70-130 | 3 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 46.81 | 94 | 45.48 | 91 | 70-130 | 3 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 42.31 | 85 | 41.66 | 83 | 70-130 | 2 | 0-20 | |
| Bromoform | ND | 50.00 | 42.80 | 86 | 42.04 | 84 | 70-130 | 2 | 0-20 | |
| Bromomethane | ND | 50.00 | 31.18 | 62 | 38.67 | 77 | 70-130 | 21 | 0-20 | 3,4 |
| 2-Butanone | 27100 | 50.00 | 26730 | 0 | 26180 | 0 | 70-130 | 2 | 0-20 | 3 |
| n-Butylbenzene | ND | 50.00 | 40.21 | 80 | 38.43 | 77 | 77-123 | 5 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 40.11 | 80 | 38.66 | 77 | 70-130 | 4 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 41.40 | 83 | 40.44 | 81 | 70-130 | 2 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 41.08 | 82 | 43.65 | 87 | 70-130 | 6 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 37.02 | 74 | 36.67 | 73 | 51-135 | 1 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 43.62 | 87 | 43.81 | 88 | 57-123 | 0 | 0-20 | |
| Chloroethane | ND | 50.00 | 40.15 | 80 | 50.49 | 101 | 70-130 | 23 | 0-20 | 4 |
| Chloroform | ND | 50.00 | 45.10 | 90 | 44.45 | 89 | 70-130 | 1 | 0-20 | |
| Chloromethane | ND | 50.00 | 40.15 | 80 | 49.70 | 99 | 70-130 | 21 | 0-20 | 4 |
| 2-Chlorotoluene | ND | 50.00 | 43.39 | 87 | 42.16 | 84 | 70-130 | 3 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 41.74 | 83 | 40.93 | 82 | 70-130 | 2 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 43.86 | 88 | 42.13 | 84 | 70-130 | 4 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 44.67 | 89 | 45.33 | 91 | 70-130 | 1 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 48.37 | 97 | 47.96 | 96 | 64-124 | 1 | 0-20 | |
| Dibromomethane | ND | 50.00 | 44.40 | 89 | 43.54 | 87 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 41.17 | 82 | 40.03 | 80 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 39.89 | 80 | 39.68 | 79 | 70-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 40.23 | 80 | 39.95 | 80 | 70-130 | 1 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 41.36 | 83 | 43.69 | 87 | 70-130 | 5 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 41.50 | 83 | 41.74 | 83 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 46.40 | 93 | 44.72 | 89 | 70-130 | 4 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 41.09 | 82 | 42.44 | 85 | 47-143 | 3 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 40.44 | 81 | 40.95 | 82 | 70-130 | 1 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 40.13 | 80 | 41.08 | 82 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 45.22 | 90 | 45.73 | 91 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 47.92 | 96 | 47.77 | 96 | 70-130 | 0 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 42.81 | 86 | 41.90 | 84 | 70-130 | 2 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 44.65 | 89 | 44.29 | 89 | 70-130 | 1 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 46.97 | 94 | 46.50 | 93 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 49.81 | 100 | 49.54 | 99 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 49.24 | 98 | 48.76 | 98 | 57-129 | 1 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 52.79 | 106 | 56.49 | 113 | 70-130 | 7 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 44.56 | 89 | 43.62 | 87 | 70-130 | 2 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 40.38 | 81 | 38.82 | 78 | 70-130 | 4 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 43.19 | 86 | 43.90 | 88 | 70-130 | 2 | 0-20 | |
| 4-Methyl-2-Pentanone | 94.95 | 50.00 | 155.3 | 121 | 155.7 | 121 | 70-130 | 0 | 0-20 | |
| Naphthalene | ND | 50.00 | 45.49 | 91 | 45.30 | 91 | 70-130 | 0 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 44.02 | 88 | 42.55 | 85 | 70-130 | 3 | 0-20 | |
| Styrene | ND | 50.00 | 45.73 | 91 | 45.12 | 90 | 70-130 | 1 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 45.12 | 90 | 43.57 | 87 | 70-130 | 4 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 46.62 | 93 | 46.45 | 93 | 70-130 | 0 | 0-20 | |
| Tetrachloroethene | ND | 50.00 | 46.84 | 94 | 46.18 | 92 | 70-130 | 1 | 0-20 | |
| Toluene | 6.676 | 50.00 | 56.39 | 99 | 55.41 | 97 | 63-123 | 2 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 34.45 | 69 | 33.67 | 67 | 70-130 | 2 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 35.70 | 71 | 34.00 | 68 | 70-130 | 5 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 51.82 | 104 | 51.51 | 103 | 70-130 | 1 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 48.12 | 96 | 46.31 | 93 | 70-130 | 4 | 0-20 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 39.21 | 78 | 40.44 | 81 | 70-130 | 3 | 0-20 | |
| Trichloroethene | ND | 50.00 | 45.15 | 90 | 44.04 | 88 | 44-158 | 3 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 46.99 | 94 | 45.92 | 92 | 70-130 | 2 | 0-20 | |
| 1,2,4-Trimethylbenzene | 5.241 | 50.00 | 51.28 | 92 | 49.80 | 89 | 70-130 | 3 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 40.46 | 81 | 44.35 | 89 | 70-130 | 9 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 46.68 | 93 | 45.23 | 90 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 35.64 | 71 | 31.88 | 64 | 70-130 | 11 | 0-20 | 3 |
| Vinyl Chloride | ND | 50.00 | 41.20 | 82 | 50.28 | 101 | 49-139 | 20 | 0-47 | |
| p/m-Xylene | 11.74 | 100.0 | 111.8 | 100 | 109.3 | 98 | 70-130 | 2 | 0-20 | |
| o-Xylene | 8.933 | 50.00 | 61.08 | 104 | 59.45 | 101 | 70-130 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 42.82 | 86 | 43.22 | 86 | 57-123 | 1 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-2066-2** | **Sample** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 21:54** | **140731S031** |
| **14-07-2066-2** | **Matrix Spike** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 22:21** | **140731S031** |
| **14-07-2066-2** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 22:48** | **140731S031** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 89.89 | 180 | 89.40 | 179 | 70-130 | 1 | 0-20 | 3 |
| Benzene | ND | 50.00 | 43.27 | 87 | 41.78 | 84 | 61-127 | 3 | 0-20 | |
| Bromobenzene | ND | 50.00 | 51.16 | 102 | 49.84 | 100 | 70-130 | 3 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 44.48 | 89 | 44.62 | 89 | 70-130 | 0 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 39.11 | 78 | 36.48 | 73 | 70-130 | 7 | 0-20 | |
| Bromoform | ND | 50.00 | 42.15 | 84 | 41.54 | 83 | 70-130 | 1 | 0-20 | |
| Bromomethane | ND | 50.00 | 36.96 | 74 | 39.44 | 79 | 70-130 | 6 | 0-20 | |
| 2-Butanone | ND | 50.00 | 51.39 | 103 | 54.26 | 109 | 70-130 | 5 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 47.76 | 96 | 45.67 | 91 | 77-123 | 4 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 46.44 | 93 | 45.18 | 90 | 70-130 | 3 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 44.55 | 89 | 43.92 | 88 | 70-130 | 1 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 35.33 | 71 | 35.44 | 71 | 70-130 | 0 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 42.55 | 85 | 42.39 | 85 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 45.58 | 91 | 44.37 | 89 | 57-123 | 3 | 0-20 | |
| Chloroethane | ND | 50.00 | 39.58 | 79 | 43.08 | 86 | 70-130 | 8 | 0-20 | |
| Chloroform | ND | 50.00 | 44.15 | 88 | 43.69 | 87 | 70-130 | 1 | 0-20 | |
| Chloromethane | ND | 50.00 | 36.91 | 74 | 42.90 | 86 | 70-130 | 15 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 46.44 | 93 | 45.26 | 91 | 70-130 | 3 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 43.96 | 88 | 42.76 | 86 | 70-130 | 3 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 41.40 | 83 | 39.65 | 79 | 70-130 | 4 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 26.22 | 52 | 19.12 | 38 | 70-130 | 31 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 49.56 | 99 | 48.75 | 97 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 45.30 | 91 | 44.52 | 89 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 47.01 | 94 | 46.57 | 93 | 35-131 | 1 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 45.49 | 91 | 44.46 | 89 | 70-130 | 2 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 45.79 | 92 | 44.87 | 90 | 70-130 | 2 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 41.51 | 83 | 44.38 | 89 | 70-130 | 7 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 41.17 | 82 | 41.01 | 82 | 70-130 | 0 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 47.77 | 96 | 47.70 | 95 | 70-130 | 0 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 59.09 | 118 | 62.43 | 125 | 47-143 | 6 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 42.29 | 85 | 41.75 | 84 | 70-130 | 1 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 41.70 | 83 | 41.28 | 83 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 42.78 | 86 | 42.20 | 84 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 47.25 | 94 | 45.91 | 92 | 70-130 | 3 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 44.47 | 89 | 43.63 | 87 | 70-130 | 2 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 42.59 | 85 | 41.85 | 84 | 70-130 | 2 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 45.31 | 91 | 44.73 | 89 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 48.70 | 97 | 48.16 | 96 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 47.05 | 94 | 45.08 | 90 | 57-129 | 4 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 48.92 | 98 | 49.00 | 98 | 70-130 | 0 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 49.30 | 99 | 47.22 | 94 | 70-130 | 4 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 47.50 | 95 | 45.94 | 92 | 70-130 | 3 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 43.96 | 88 | 44.25 | 88 | 70-130 | 1 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 64.66 | 129 | 65.26 | 131 | 70-130 | 1 | 0-20 | 3 |
| Naphthalene | ND | 50.00 | 51.22 | 102 | 51.73 | 103 | 70-130 | 1 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 48.81 | 98 | 46.81 | 94 | 70-130 | 4 | 0-20 | |
| Styrene | ND | 50.00 | 48.70 | 97 | 47.63 | 95 | 70-130 | 2 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 43.64 | 87 | 42.39 | 85 | 70-130 | 3 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 3.487 | 7 | 0.1889 | 0 | 70-130 | 179 | 0-20 | 3,4 |
| Tetrachloroethene | ND | 50.00 | 52.04 | 104 | 50.48 | 101 | 70-130 | 3 | 0-20 | |
| Toluene | ND | 50.00 | 44.58 | 89 | 44.43 | 89 | 63-123 | 0 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 48.96 | 98 | 49.08 | 98 | 70-130 | 0 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 50.01 | 100 | 48.99 | 98 | 70-130 | 2 | 0-20 | |
| 1,1,1-Trichloroethane | ND | 50.00 | 44.65 | 89 | 43.13 | 86 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 29.19 | 58 | 23.11 | 46 | 70-130 | 23 | 0-20 | 3,4 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 43.24 | 86 | 42.50 | 85 | 70-130 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 71.65 | 143 | 71.01 | 142 | 44-158 | 1 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 51.49 | 103 | 48.12 | 96 | 70-130 | 7 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 47.48 | 95 | 45.59 | 91 | 70-130 | 4 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 45.92 | 92 | 45.88 | 92 | 70-130 | 0 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 48.98 | 98 | 47.56 | 95 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.1535 | 0 | 1.576 | 3 | 70-130 | 165 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 38.51 | 77 | 44.99 | 90 | 49-139 | 16 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 95.70 | 96 | 91.61 | 92 | 70-130 | 4 | 0-20 | |
| o-Xylene | ND | 50.00 | 48.39 | 97 | 46.82 | 94 | 70-130 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 44.71 | 89 | 45.08 | 90 | 57-123 | 1 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/02/14 17:15** | **140801S01** |
| **K20L21** | **PDS** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/02/14 17:18** | **140801S01** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 23.47 | 94 | 75-125 | |
| Arsenic | 1.878 | 25.00 | 29.00 | 108 | 75-125 | |
| Barium | 127.4 | 25.00 | 151.6 | 4X | 75-125 | Q |
| Beryllium | ND | 25.00 | 26.88 | 108 | 75-125 | |
| Cadmium | ND | 25.00 | 23.93 | 96 | 75-125 | |
| Chromium | 10.04 | 25.00 | 35.29 | 101 | 75-125 | |
| Cobalt | 3.482 | 25.00 | 29.58 | 104 | 75-125 | |
| Copper | 6.353 | 25.00 | 32.46 | 104 | 75-125 | |
| Lead | 1.286 | 25.00 | 25.45 | 97 | 75-125 | |
| Molybdenum | 0.3425 | 25.00 | 26.15 | 103 | 75-125 | |
| Nickel | 3.926 | 25.00 | 28.58 | 99 | 75-125 | |
| Selenium | ND | 25.00 | 22.85 | 91 | 75-125 | |
| Silver | 0.3147 | 12.50 | 13.20 | 103 | 75-125 | |
| Thallium | ND | 25.00 | 22.00 | 88 | 75-125 | |
| Vanadium | 15.70 | 25.00 | 42.18 | 106 | 75-125 | |
| Zinc | 15.87 | 25.00 | 38.59 | 91 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **N19O20** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/02/14 16:32** | **140801S02** |
| **N19O20** | **PDS** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/02/14 16:41** | **140801S02** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 24.26 | 97 | 75-125 | |
| Arsenic | 0.8790 | 25.00 | 27.25 | 105 | 75-125 | |
| Barium | 125.6 | 25.00 | 151.0 | 4X | 75-125 | Q |
| Beryllium | ND | 25.00 | 26.98 | 108 | 75-125 | |
| Cadmium | ND | 25.00 | 24.45 | 98 | 75-125 | |
| Chromium | 6.918 | 25.00 | 32.75 | 103 | 75-125 | |
| Cobalt | 3.823 | 25.00 | 29.92 | 104 | 75-125 | |
| Copper | 8.814 | 25.00 | 35.66 | 107 | 75-125 | |
| Lead | 10.97 | 25.00 | 34.91 | 96 | 75-125 | |
| Molybdenum | ND | 25.00 | 25.79 | 103 | 75-125 | |
| Nickel | 4.851 | 25.00 | 29.51 | 99 | 75-125 | |
| Selenium | ND | 25.00 | 21.96 | 88 | 75-125 | |
| Silver | 0.2630 | 12.50 | 12.84 | 101 | 75-125 | |
| Thallium | ND | 25.00 | 21.56 | 86 | 75-125 | |
| Vanadium | 21.78 | 25.00 | 48.62 | 107 | 75-125 | |
| Zinc | 55.15 | 25.00 | 78.14 | 92 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **K20L21** | **Sample** | **Concrete** | **Mercury 05** | **08/04/14 00:00** | **08/04/14 13:57** | **140804S01** |
| **K20L21** | **PDS** | **Concrete** | **Mercury 05** | **08/04/14 00:00** | **08/04/14 14:04** | **140804S01** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.8750 | 105 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **N19O20** | **Sample** | **Concrete** | **Mercury 05** | **08/04/14 00:00** | **08/04/14 15:11** | **140804S02** |
| **N19O20** | **PDS** | **Concrete** | **Mercury 05** | **08/04/14 00:00** | **08/04/14 15:17** | **140804S02** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.4632 | 55 | 75-125 | 5 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2694** | **LCS** | **Solid** | **IC 11** | **07/31/14** | **07/31/14 21:47** | **140731L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20240 | 101 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2695** | **LCS** | **Solid** | **IC 11** | **07/31/14** | **08/01/14 01:19** | **140731L02P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19000 | 95 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1056** | **LCS** | **Solid** | **GC 48** | **07/30/14** | **07/30/14 20:04** | **140730B09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 450.3 | 113 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1057** | **LCS** | **Solid** | **GC 48** | **07/30/14** | **07/31/14 03:08** | **140730B10** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 455.7 | 114 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18686** | **LCS** | **Solid** | **ICP 7300** | **08/01/14** | **08/02/14 16:25** | **140801L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 25.74 | 103 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 24.87 | 99 | 80-120 | 73-127 | |
| Barium | 25.00 | 26.35 | 105 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.61 | 102 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.40 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.63 | 107 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 28.35 | 113 | 80-120 | 73-127 | |
| Copper | 25.00 | 26.58 | 106 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.23 | 105 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.55 | 102 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.67 | 111 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.31 | 93 | 80-120 | 73-127 | |
| Silver | 12.50 | 12.93 | 103 | 80-120 | 73-127 | |
| Thallium | 25.00 | 25.80 | 103 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.49 | 106 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.16 | 105 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18687** | **LCS** | **Solid** | **ICP 7300** | **08/01/14** | **08/02/14 16:27** | **140801L02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 26.20 | 105 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 25.06 | 100 | 80-120 | 73-127 | |
| Barium | 25.00 | 26.60 | 106 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.50 | 102 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.62 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.98 | 108 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 28.72 | 115 | 80-120 | 73-127 | |
| Copper | 25.00 | 26.60 | 106 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.47 | 106 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.94 | 104 | 80-120 | 73-127 | |
| Nickel | 25.00 | 28.00 | 112 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.78 | 95 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.00 | 104 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.04 | 104 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.84 | 107 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.22 | 105 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-28** | **LCS** | **Solid** | **Mercury 05** | **08/04/14** | **08/04/14 13:55** | **140804L01D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8691 | 104 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-26** | **LCS** | **Solid** | **Mercury 05** | **08/04/14** | **08/04/14 15:08** | **140804L02D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8171 | 98 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2784** | **LCS** | **Solid** | **GC 58** | **08/02/14** | **08/05/14 00:10** | **140802L12** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 84.74 | 85 | 50-135 | |
| Aroclor-1260 | 100.0 | 95.20 | 95 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2783** | **LCS** | **Solid** | **GC 58** | **08/02/14** | **08/04/14 16:04** | **140802L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 95.13 | 95 | 50-135 | |
| Aroclor-1260 | 100.0 | 102.4 | 102 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-15** | **LCS** | **Solid** | **GC/MS CCC** | **08/08/14** | **08/11/14 12:51** | **140808L03** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 9.771 | 98 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 9.844 | 98 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 9.777 | 98 | 52-120 | 41-131 | |
| Aniline | 10.00 | 7.870 | 79 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 9.706 | 97 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 8.845 | 88 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 12.27 | 123 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.908 | 99 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 10.68 | 107 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 9.687 | 97 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.34 | 103 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 9.828 | 98 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 4.102 | 41 | 50-130 | 37-143 | ME |
| Benzyl Alcohol | 10.00 | 8.708 | 87 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 8.798 | 88 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 8.431 | 84 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 7.741 | 77 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.259 | 93 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 9.659 | 97 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.410 | 94 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.269 | 93 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 8.550 | 85 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 9.492 | 95 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 9.478 | 95 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.901 | 89 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 9.536 | 95 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 9.564 | 96 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 9.514 | 95 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 10.49 | 105 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 9.544 | 95 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 9.064 | 91 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 9.062 | 91 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 8.943 | 89 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 9.336 | 93 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 9.891 | 99 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 9.218 | 92 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 9.513 | 95 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 9.584 | 96 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 9.814 | 98 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 7.691 | 77 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 10.31 | 103 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 10.40 | 104 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 9.996 | 100 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 9.343 | 93 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 9.424 | 94 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 9.361 | 94 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 9.711 | 97 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.806 | 88 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 10.87 | 109 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 8.636 | 86 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.928 | 99 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 9.285 | 93 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 9.158 | 92 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 18.45 | 92 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 8.278 | 83 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 8.144 | 81 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 11.47 | 115 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 9.349 | 93 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 10.22 | 102 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.586 | 96 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 9.532 | 95 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.515 | 85 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.991 | 100 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 9.527 | 95 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 9.504 | 95 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 9.826 | 98 | 54-120 | 43-131 | |
| Phenol | 10.00 | 8.868 | 89 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.610 | 96 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 9.497 | 95 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 9.343 | 93 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 9.357 | 94 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 9.268 | 93 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-14** | **LCS** | **Solid** | **GC/MS CCC** | **08/08/14** | **08/11/14 13:09** | **140808L12** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 9.691 | 97 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 9.828 | 98 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 9.688 | 97 | 52-120 | 41-131 | |
| Aniline | 10.00 | 7.973 | 80 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 9.628 | 96 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 8.831 | 88 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 11.66 | 117 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.905 | 99 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 10.65 | 106 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 9.594 | 96 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.49 | 105 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 9.297 | 93 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 4.582 | 46 | 50-130 | 37-143 | ME |
| Benzyl Alcohol | 10.00 | 8.942 | 89 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 8.750 | 87 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 8.434 | 84 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 7.780 | 78 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.390 | 94 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 9.700 | 97 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.537 | 95 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.161 | 92 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 8.482 | 85 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 9.528 | 95 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 9.620 | 96 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.928 | 89 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 9.519 | 95 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 9.536 | 95 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 9.564 | 96 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 10.64 | 106 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 9.497 | 95 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 9.064 | 91 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 9.162 | 92 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 9.068 | 91 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 9.252 | 93 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 9.704 | 97 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 9.183 | 92 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 9.421 | 94 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 9.435 | 94 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 14 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 9.742 | 97 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 7.811 | 78 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 10.31 | 103 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 10.20 | 102 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 9.787 | 98 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 9.239 | 92 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 9.338 | 93 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 9.282 | 93 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 10.02 | 100 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.938 | 89 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 11.08 | 111 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 8.572 | 86 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.875 | 99 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 9.089 | 91 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 9.336 | 93 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 18.60 | 93 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 8.469 | 85 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 8.044 | 80 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 11.39 | 114 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 9.273 | 93 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 10.03 | 100 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.491 | 95 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 9.466 | 95 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.455 | 85 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.680 | 97 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 9.477 | 95 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 9.541 | 95 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 9.772 | 98 | 54-120 | 43-131 | |
| Phenol | 10.00 | 9.026 | 90 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.628 | 96 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 9.346 | 93 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 9.209 | 92 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 9.364 | 94 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 9.265 | 93 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-352** | **LCS** | **Solid** | **GC/MS Q** | **07/30/14** | **07/31/14 02:12** | **140730L055** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 46.35 | 93 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.70 | 99 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 49.33 | 99 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 53.51 | 107 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 51.53 | 103 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 45.74 | 91 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 54.76 | 110 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 52.73 | 105 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 48.41 | 97 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 48.18 | 96 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 46.36 | 93 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 40.99 | 82 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 47.51 | 95 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 50.04 | 100 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 52.14 | 104 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 53.41 | 107 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 42.11 | 84 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 48.24 | 96 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.40 | 99 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 43.42 | 87 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 49.85 | 100 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 53.99 | 108 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 48.33 | 97 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 47.69 | 95 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 47.33 | 95 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 43.92 | 88 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 49.66 | 99 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 54.50 | 109 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 48.89 | 98 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 51.54 | 103 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 50.99 | 102 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.27 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 51.33 | 103 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 40.74 | 81 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 51.48 | 103 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 48.56 | 97 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 45.98 | 92 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 16 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 50.18 | 100 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 50.24 | 100 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.28 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 47.34 | 95 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.37 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 51.59 | 103 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.82 | 92 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 50.42 | 101 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.97 | 100 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 46.47 | 93 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 45.93 | 92 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 56.11 | 112 | 70-130 | 60-140 | |
| Toluene | 50.00 | 51.97 | 104 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 42.79 | 86 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 43.33 | 87 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 48.22 | 96 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 52.35 | 105 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.47 | 97 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 52.98 | 106 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 46.09 | 92 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 47.51 | 95 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 55.61 | 111 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 48.58 | 97 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 44.91 | 90 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 52.01 | 104 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.82 | 99 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.48 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 46.50 | 93 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/28/14
Work Order: 14-07-1897
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-362** | **LCS** | **Solid** | **GC/MS Z** | **08/05/14** | **08/05/14 10:35** | **140805L024** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 65.86 | 132 | 70-130 | 60-140 | ME |
| Benzene | 50.00 | 44.40 | 89 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 47.83 | 96 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 43.97 | 88 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 42.30 | 85 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 51.03 | 102 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 33.38 | 67 | 70-130 | 60-140 | ME |
| 2-Butanone | 50.00 | 49.60 | 99 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 47.98 | 96 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 50.08 | 100 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 52.71 | 105 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 39.00 | 78 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 38.84 | 78 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 46.88 | 94 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 37.56 | 75 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 39.09 | 78 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 35.33 | 71 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 46.06 | 92 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 46.06 | 92 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 48.47 | 97 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 44.32 | 89 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 48.35 | 97 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 43.91 | 88 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 50.33 | 101 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 49.76 | 100 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 45.94 | 92 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 41.45 | 83 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 39.61 | 79 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 37.12 | 74 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 41.21 | 82 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 46.40 | 93 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 43.48 | 87 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 43.57 | 87 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 44.03 | 88 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 37.83 | 76 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 43.10 | 86 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 47.18 | 94 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 42.48 | 85 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 45.72 | 91 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 52.86 | 106 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 45.93 | 92 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 44.77 | 90 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 49.07 | 98 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 54.80 | 110 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 46.67 | 93 | 70-130 | 60-140 | |
| Styrene | 50.00 | 47.13 | 94 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 43.34 | 87 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.58 | 99 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 44.44 | 89 | 70-130 | 60-140 | |
| Toluene | 50.00 | 45.15 | 90 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 53.13 | 106 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 53.98 | 108 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 38.38 | 77 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 46.39 | 93 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 42.36 | 85 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 43.16 | 86 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 46.26 | 93 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 48.49 | 97 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 37.18 | 74 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 47.73 | 95 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 45.06 | 90 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 37.30 | 75 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 92.23 | 92 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 48.21 | 96 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 42.97 | 86 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 19 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-351** | **LCS** | **Solid** | **GC/MS BB** | **07/30/14** | **07/30/14 20:10** | **140730L033** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 49.22 | 98 | 70-130 | 60-140 | |
| Benzene | 50.00 | 49.00 | 98 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 51.66 | 103 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 49.80 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 50.18 | 100 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 50.28 | 101 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 40.51 | 81 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 49.30 | 99 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 54.40 | 109 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 53.06 | 106 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 51.27 | 103 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 49.09 | 98 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 49.25 | 98 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 49.86 | 100 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 50.21 | 100 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 51.45 | 103 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 50.46 | 101 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 49.95 | 100 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 50.82 | 102 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 49.54 | 99 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 52.87 | 106 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 47.44 | 95 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 50.70 | 101 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 50.26 | 101 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.61 | 99 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 49.36 | 99 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 51.75 | 103 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 49.87 | 100 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 50.26 | 101 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 49.77 | 100 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 48.70 | 97 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.03 | 100 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 52.45 | 105 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 50.72 | 101 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 50.50 | 101 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 53.29 | 107 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 55.34 | 111 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 20 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 52.33 | 105 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 52.32 | 105 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 53.27 | 107 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 53.58 | 107 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 49.15 | 98 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 52.24 | 104 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 52.54 | 105 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 53.19 | 106 | 70-130 | 60-140 | |
| Styrene | 50.00 | 52.97 | 106 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 50.23 | 100 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 51.67 | 103 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 51.68 | 103 | 70-130 | 60-140 | |
| Toluene | 50.00 | 49.68 | 99 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 51.13 | 102 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 52.09 | 104 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 50.36 | 101 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.94 | 104 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 47.48 | 95 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 49.94 | 100 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 51.41 | 103 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 52.43 | 105 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 48.64 | 97 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 51.95 | 104 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 59.62 | 119 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 51.72 | 103 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 103.6 | 104 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 52.23 | 104 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 50.86 | 102 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-360** | **LCS** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 20:01** | **140731L058** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 50.88 | 102 | 70-130 | 60-140 | |
| Benzene | 50.00 | 46.50 | 93 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 52.48 | 105 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 49.99 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 47.24 | 94 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.06 | 98 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 44.41 | 89 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 48.64 | 97 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 50.00 | 100 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.05 | 98 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 49.63 | 99 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.56 | 89 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 44.39 | 89 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.26 | 97 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 45.43 | 91 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 47.57 | 95 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 45.85 | 92 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 47.84 | 96 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 47.00 | 94 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 52.62 | 105 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 46.92 | 94 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.89 | 100 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 48.82 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 43.68 | 87 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 48.08 | 96 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 48.00 | 96 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 46.17 | 92 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 47.11 | 94 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 46.87 | 94 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 46.86 | 94 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 45.42 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 46.26 | 93 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 51.19 | 102 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/28/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1897 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 22 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 49.73 | 99 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.11 | 102 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 50.00 | 100 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.58 | 103 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.94 | 102 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 53.22 | 106 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.52 | 99 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.10 | 102 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 48.62 | 97 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 51.94 | 104 | 70-130 | 60-140 | |
| Toluene | 50.00 | 47.57 | 95 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 51.87 | 104 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 45.89 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 50.18 | 100 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 45.97 | 92 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 48.55 | 97 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 52.52 | 105 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 49.69 | 99 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 46.02 | 92 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.06 | 100 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 55.56 | 111 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 48.39 | 97 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.38 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.55 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.58 | 97 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 14-07-1897 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 650 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 847 | GC 48 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 58 | 1 |
| EPA 8260B | EPA 5030C | 796 | GC/MS Z | 2 |
| EPA 8260B | EPA 5030C | 796 | GC/MS BB | 2 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8260B | EPA 5030C | 823 | GC/MS BB | 2 |
| EPA 8270C | EPA 3545 | 449 | GC/MS CCC | 1 |
| EPA 8270C | EPA 3545 | 513 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-07-1897 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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☐ NorCal Service Center
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Concord, CA 94520-8577
(925) 689-9022

WO # / LAB USE ONLY: 14-07-1897

## CHAIN OF CUSTODY RECORD

Date: 7.28.14

Page 1 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: Ca ZIP: 92626

TEL: 714-371-1800 E-MAIL: SBoston@HaleyAldrich.com

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (8015m) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | metal (Comm 17) 6000/7000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | K20 L21 | 7.28.14 | 0800 | Conc core | 1 | X | | | | | X | | X | | | X | | X | | | | | | | | |
| 2 | L19 M20 | ↓ | 0815 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 3 | L18 M19 | ↓ | 0825 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 4 | M16 N17 | ↓ | 0840 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 5 | M17 N18 | ↓ | 0850 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 6 | K16 L17 | ↓ | 0910 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 7 | K18 L19 | ↓ | 0916 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 8 | K19 L20 | ↓ | 0930 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 9 | K17 L18 | ↓ | 0940 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |
| 10 | K15 L16 | ↓ | 1000 | ↓ | ↓ | ↓ | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | | |

| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
|---|---|---|---|
| [signature] | [signature] ECI | 7/28/14 | 1435 |
| [signature] | [signature] ECI | 7/28/14 | 1800 |
| | | | |

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-1897

Date 7-28-14

Page 2 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

### REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (8015m) | BTEX / MTBE (8260) or (____) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metals (Cam17) 6010/7000 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | H12 J13 | 7-28-14 | 1020 | Conc core | 1 | X | | | | | X | | X | | | X | | X | | | | X | X | | |
| 12 | H13 J14 | | 1030 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | H15 J16 | | 1040 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | J15 K16 | | 1050 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | H16 J17 | | 1100 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | G16 H17 | | 1110 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | G14 H15 | | 1120 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | G12 H13 | | 1130 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | F13 G12 | | 1200 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | F13 G14 | | 1220 | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
|---|---|---|---|
| | ECI | 7/28/14 | 1435 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| | ECI | 7/28/14 | 1800 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| | | | |

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-1897

Date: 7.28.14

Page: 3 of 3

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: Ca. ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Camoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH (g) or GRO | TPH (d) or DRO or (C6C36) or (C6-C44) | TPH (60/5m) | BTEX / MTBE (8260) or ( ) | VOCs (8260) | Oxygenates (8260) | En Core / Terra Core Prep (5035) | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PNAs (8310) or (8270) | T22 Metals (6010B/747X) | Cr(VI) [7196 or 7199 or 218.6] | Chrome 6+ 7199 | Metals (Comm) 6000/7000 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | H17 J18 | 7.28.14 | 1300 | Core Cuttr | 1 | X | | | | | X | | X | | | X | | X | | | | X | X | | |
| 22 | G17 H18 | | 1310 | | | | | | | | | | | | | | | | | | | | | | |
| 23 | N21 022 | | 1340 | | | | | | | | | | | | | | | | | | | | | | |
| 24 | N20 021 | | 1350 | | | | | | | | | | | | | | | | | | | | | | |
| 25 | N19 020 | | 1400 | X | X | X | | | | | X | | X | | | X | | X | | | | X | X | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/28/14 | Time: 1435 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/28/14 | Time: 1800 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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WORK ORDER #: 14-07-1897

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley & Aldrich

DATE: 07/28/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.4 °C - 0.3 °C (CF) = 3.1 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

**Ambient Temperature:** ☐ Air ☐ Filter **Checked by:** 820

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Checked by:** 820

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Checked by:** 812

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☐ | ☑ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑ Z

**Aqueous:** ☐VOA ☐VOA**h** ☐VOA**na₂** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na₂** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na₂** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 812

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** 802

**Preservative:** h: HCL n: $HNO_3$ na₂: $Na_2S_2O_3$ na: NaOH p: $H_3PO_4$ s: $H_2SO_4$ u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** 802



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# WORK ORDER NUMBER: 14-07-1980

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/14/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

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Work Order Number: 14-07-1980


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# Work Order Narrative

Work Order: 14-07-1980 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/29/14. They were assigned to Work Order 14-07-1980.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1980 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/29/14 17:30 |
| | | Number of Containers: | 18 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| L23M24 | 14-07-1980-1 | 07/29/14 08:00 | 1 | Concrete |
| L21M22 | 14-07-1980-2 | 07/29/14 08:30 | 1 | Concrete |
| M20N21 | 14-07-1980-3 | 07/29/14 08:50 | 1 | Concrete |
| M19N20 | 14-07-1980-4 | 07/29/14 09:00 | 1 | Concrete |
| M21N22 | 14-07-1980-5 | 07/29/14 09:20 | 1 | Concrete |
| N22O23 | 14-07-1980-6 | 07/29/14 09:40 | 1 | Concrete |
| P18Q19 | 14-07-1980-7 | 07/29/14 10:00 | 1 | Concrete |
| P21Q22 | 14-07-1980-8 | 07/29/14 10:10 | 1 | Concrete |
| H24J25 | 14-07-1980-9 | 07/29/14 10:50 | 1 | Concrete |
| H23J24 | 14-07-1980-10 | 07/29/14 11:10 | 1 | Concrete |
| F23G24 | 14-07-1980-11 | 07/29/14 11:30 | 1 | Concrete |
| P17Q18 | 14-07-1980-12 | 07/29/14 12:05 | 1 | Concrete |
| P15Q16 | 14-07-1980-13 | 07/29/14 12:15 | 1 | Concrete |
| O14Q15 | 14-07-1980-14 | 07/29/14 12:40 | 1 | Concrete |
| N15O16 | 14-07-1980-15 | 07/29/14 12:30 | 1 | Concrete |
| M13N14 | 14-07-1980-16 | 07/29/14 13:00 | 1 | Concrete |
| P18R19 | 14-07-1980-17 | 07/29/14 13:20 | 1 | Concrete |
| Q24R25 | 14-07-1980-18 | 07/29/14 13:45 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1980 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/29/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L23M24 (14-07-1980-1) | | | | | | |
| Arsenic | 1.91 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 83.6 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.211 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 13.6 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.03 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 14.7 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 29.5 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.628 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.54 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.180 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.7 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.8 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 7700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0223 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.90 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 16 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 5.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 29 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 33 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 39 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 37 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 25 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 5.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 200 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 36 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 120 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 14 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 1.0 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.43 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 6.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.10 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.32 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 14-07-1980
Project Name: UTC Canoga Park / 32594-506
Received: 07/29/14

Attn: Scott Boston



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L21M22 (14-07-1980-2) | | | | | | |
| Barium | 105 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.209 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.79 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.42 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 22.1 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.769 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.53 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.147 | J | 0.0861* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.5 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.0 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00849 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.8 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 38 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 2.1 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 29 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 31 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 44 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 36 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 8.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 360 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 25 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 78 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 62 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 10 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 1.4 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.88 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.16 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 3.3 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.71 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 20 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.14 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.97 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1980 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/29/14 |
| Attn: | Scott Boston | | Page 3 of 20 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M20N21 (14-07-1980-3) | | | | | | |
| Barium | 245 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.175 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.02 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.33 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.7 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.845 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.31 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.326 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.8 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 37.0 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00972 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.1 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 94 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 92 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 65 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.3 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 5.0 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 2.6 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 3.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 330 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 40 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 43 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 19 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 21 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.99 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 71 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 3.9 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 12 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 1.3 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 17 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 12000 | | 4900 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 3.5 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
| Attn: | Scott Boston | | Page 4 of 20 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Toluene | 59 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 76 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 9.2 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 46 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 20 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 19 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 5.2 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
| Attn: | Scott Boston | | Page 5 of 20 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M19N20 (14-07-1980-4) | | | | | | |
| Barium | 168 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.184 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.39 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.08 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 14.6 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.08 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.140 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.08 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.342 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 16.5 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 36.9 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C6 | 1.7 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 52 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 46 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 4.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 19 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 8.5 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.5 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 150 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 29 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 21 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.48 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 48 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 2.4 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| tert-Butylbenzene | 0.16 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.81 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 12 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 6500 | | 5000 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.55 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 30 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 40 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.8 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 3.1 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |

* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
| Attn: | Scott Boston | | Page 6 of 20 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| o-Xylene | 2.0 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 24 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 3.5 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| M21N22 (14-07-1980-5) | | | | | | |
| Arsenic | 3.73 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 101 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.283 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.50 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.01 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.0 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.61 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.271 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.12 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.187 | J | 0.0853* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 23.8 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 39.2 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0131 | J | 0.00677* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 3.1 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 7.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 12 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 17 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 1.8 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 86 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 26 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 25 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 32 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.17 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.0 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.49 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 5.0 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |
| Di-n-Butyl Phthalate | 0.12 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N22O23 (14-07-1980-6) | | | | | | |
| Barium | 98.5 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.230 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.310 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.21 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.46 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.96 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.42 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.196 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.47 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.258 | J | 0.0888* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.4 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 43.4 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00846 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 30 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.17 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.5 | J | 0.81* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1980 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| P18Q19 (14-07-1980-7) | | | | | | |
| Arsenic | 1.52 | | 0.743 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 111 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.208 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.98 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.10 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 12.9 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.13 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.138 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.74 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.247 | J | 0.0849* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.9 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 27.2 | | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00956 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C23-C24 | 2.3 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.3 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2.9 | J | 2.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 8.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 34 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 37 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 15 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.16 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.89 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.3 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1980 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| P21Q22 (14-07-1980-8) | | | | | | |
| Arsenic | 1.48 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 134 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.216 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.94 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.85 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.72 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.947 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.243 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.82 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.289 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.6 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 21.1 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 4300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0129 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C23-C24 | 1.7 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.5 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 46 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 27 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 11 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 0.91 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H24J25 (14-07-1980-9) | | | | | | |
| Arsenic | 0.454 | J | 0.260* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 102 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.221 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.53 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.17 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.4 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.44 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.464 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.37 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.304 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 66.9 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 580 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0113 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 12 | J | 1.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 51 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 94 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 130 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 200 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 250 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 170 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 230 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 62 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 39 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 45 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1300 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 150 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 38 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 23 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.36 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 3.7 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.21 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| tert-Butylbenzene | 0.32 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.33 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 1.8 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 11 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 16 | J | 0.79* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 4.8 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 0.59 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.52 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 27 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 87 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 230 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| H23J24 (14-07-1980-10) | | | | | | |
| Arsenic | 0.643 | J | 0.252* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.1 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.257 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.17 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.24 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.1 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.9 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.567 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.11 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.269 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.3 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.0 | | 0.971 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 590 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0357 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 9.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 36 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 59 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 94 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 87 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 78 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 550 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 50 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 450 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 350 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 48 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.18 | J | 0.15* | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.18 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.38 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F23G24 (14-07-1980-11) | | | | | | |
| Arsenic | 1.46 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 114 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.210 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.63 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.35 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.8 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.7 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.705 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.07 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.215 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.9 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.5 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 760 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0177 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 22 | J | 1.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 430 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 21 | J | 9.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 100 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 170 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 180 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 250 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 270 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 190 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 110 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 40 | | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1800 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 5500 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 2200 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 17 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 1.8 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.46 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.32 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.5 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.3 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.63 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 170 | | 25 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-1980 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| P17Q18 (14-07-1980-12) | | | | | | |
| Arsenic | 1.23 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 160 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.277 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.62 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.09 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.6 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.18 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.227 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.99 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.210 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 27.1 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.9 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0176 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 1.4 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 40 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 27 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 2.7 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 7.4 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 59 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 6.4 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.8 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.8 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 160 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 31 | J | 14* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 100 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.22 | J | 0.14* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 39 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.4 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 6.8 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 5.4 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 60 | | 52 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 4500 | J | 82* | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 1.0 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.47 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 2.6 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 31 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 2.3 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 27 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 12 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 30 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.40 | J | 0.097* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 2.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| P15Q16 (14-07-1980-13) | | | | | | |
| Arsenic | 0.417 | J | 0.262* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 186 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.189 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.99 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.82 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 7.91 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.35 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.170 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.72 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.327 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.9 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 67.2 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0202 | J | 0.00542* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.7 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 70 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 66 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 5.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 7.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.3 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2.9 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 180 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 44 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 190 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 70 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.21 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 110 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 4.3 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| tert-Butylbenzene | 0.44 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 7.2 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 12 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 14 | J | 4.2* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 17000 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 1.7 | J | 0.49* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 0.26 | J | 0.20* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 5.6 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 66 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 3.9 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 32 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 21 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 51 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.76 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.11 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.9 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.17 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |
| O14Q15 (14-07-1980-14) | | | | | | |
| Arsenic | 3.91 | | 0.765 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.0 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.159 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.93 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.43 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 6.11 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.50 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.420 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.56 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.345 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.8 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 17.2 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0129 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Aroclor-1254 | 17 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 11 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 1.5 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 8.8 | J | 0.82* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.87 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N15O16 (14-07-1980-15) | | | | | | |
| Arsenic | 8.35 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 90.2 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.169 | J | 0.139* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.10 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.31 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 5.05 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.28 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.472 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.77 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.407 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 27.6 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.6 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00719 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.72 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 12 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 15 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 4.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 1.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 34 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 41 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.21 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 27 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 0.97 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.4 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 4.6 | J | 0.63* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 180 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 2.1 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 15 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 130 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 8.9 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 12 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 4.8 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 8.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Butyl Benzyl Phthalate | 0.19 | J | 0.10* | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.16 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 1.5 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M13N14 (14-07-1980-16) | | | | | | |
| Arsenic | 8.01 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 109 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.215 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.187 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 16.8 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.92 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 15.2 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.46 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 1.12 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 10.0 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.401 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 24.0 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 58.5 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 5200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0150 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 11 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.38 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.43 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 3.9 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 1.3 | J | 0.21* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1.9 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.4 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.27 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| P18R19 (14-07-1980-17) | | | | | | |
| Arsenic | 1.25 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 84.7 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.203 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.67 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.88 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 7.26 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.42 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.148 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.19 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.271 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 24.2 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0108 | J | 0.00550* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.1 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 4.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 6.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 4.5 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 25 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 19 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.39 | J | 0.28* | ug/kg | EPA 8260B | EPA 5030C |
| Q24R25 (14-07-1980-18) | | | | | | |
| Arsenic | 0.947 | | 0.732 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 94.2 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.221 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.21 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.23 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.29 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.28 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.95 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.8 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 25.3 | | 0.976 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0184 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 25 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-1980<br>UTC Canoga Park / 32594-506<br>07/29/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|

Subcontracted analyses, if any, are not included in this summary.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 01:22** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 7700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:01** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:07** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:14** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:20** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:26** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:32** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 00:39** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 4300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 01:54** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 580 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:00** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 590 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:06** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 760 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:12** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2200 | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:19** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:25** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N15O16** | **14-07-1980-15-A** | **07/29/14 12:30** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:31** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:37** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 5200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 02:44** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 03:09** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2200 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2696** | **N/A** | **Solid** | **IC 11** | **08/01/14** | **08/01/14 21:43** | **140801L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2698** | **N/A** | **Solid** | **IC 11** | **08/01/14** | **08/02/14 01:04** | **140801L02P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 13:28** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.90 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 16 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 5.0 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 29 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 33 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 39 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 37 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 25 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 11 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 5.6 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 200 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 13:44** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.8 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 38 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | 2.1 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 23 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 29 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 31 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 44 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 16 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 110 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 36 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 19 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 8.8 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 360 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 93 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 14:01** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.1 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 94 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 92 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 12 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 12 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 65 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 16 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 3.3 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 5.0 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | 2.6 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 6.0 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 16 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 3.5 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 330 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 91 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 14:18** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.7 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 52 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 46 | 5.0 | 1.8 | 1.00 | |
| C13-C14 | 6.0 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 4.9 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | 19 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 8.5 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 2.5 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 5.1 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 6.0 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 2.5 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 150 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 14:35** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 3.1 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 7.2 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 12 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 17 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 23 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 15 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 6.3 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 1.8 | 5.0 | 1.5 | 1.00 | J |
| C6-C44 Total | 86 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 14:52** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 82 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 19 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 15:25** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 2.3 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 3.3 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | 2.9 | 4.9 | 2.5 | 1.00 | J |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 8.4 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 62 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 19 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 15:42** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 1.7 | 5.0 | 1.7 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 3.5 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 5.3 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 54 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 16:16** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 12 | 25 | 1.0 | 5.00 | J |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | 51 | 25 | 15 | 5.00 | |
| C11-C12 | ND | 25 | 8.6 | 5.00 | |
| C13-C14 | ND | 25 | 8.7 | 5.00 | |
| C15-C16 | ND | 25 | 8.9 | 5.00 | |
| C17-C18 | 94 | 25 | 8.9 | 5.00 | |
| C19-C20 | 130 | 25 | 9.1 | 5.00 | |
| C21-C22 | 200 | 25 | 8.7 | 5.00 | |
| C23-C24 | 250 | 25 | 8.2 | 5.00 | |
| C25-C28 | 170 | 25 | 12 | 5.00 | |
| C29-C32 | 230 | 25 | 12 | 5.00 | |
| C33-C36 | 62 | 25 | 13 | 5.00 | |
| C37-C40 | 39 | 25 | 7.9 | 5.00 | |
| C41-C44 | 45 | 25 | 7.5 | 5.00 | |
| C6-C44 Total | 1300 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 89 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 16:32** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 9.4 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 36 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 59 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 94 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 87 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 160 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 78 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 20 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 6.0 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 550 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 39 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **GC 47** | **07/31/14** | **08/04/14 12:53** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 22 | 25 | 1.0 | 5.00 | J |
| C7 | ND | 25 | 11 | 5.00 | |
| C8 | ND | 25 | 12 | 5.00 | |
| C9-C10 | 430 | 25 | 15 | 5.00 | |
| C11-C12 | ND | 25 | 8.7 | 5.00 | |
| C13-C14 | ND | 25 | 8.8 | 5.00 | |
| C15-C16 | ND | 25 | 9.0 | 5.00 | |
| C17-C18 | 21 | 25 | 9.0 | 5.00 | J |
| C19-C20 | 100 | 25 | 9.2 | 5.00 | |
| C21-C22 | 170 | 25 | 8.8 | 5.00 | |
| C23-C24 | 180 | 25 | 8.3 | 5.00 | |
| C25-C28 | 250 | 25 | 12 | 5.00 | |
| C29-C32 | 270 | 25 | 12 | 5.00 | |
| C33-C36 | 190 | 25 | 13 | 5.00 | |
| C37-C40 | 110 | 25 | 8.0 | 5.00 | |
| C41-C44 | 40 | 25 | 7.6 | 5.00 | |
| C6-C44 Total | 1800 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 17:06** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 1.4 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 40 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 27 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 2.7 | 4.9 | 1.7 | 1.00 | J |
| C15-C16 | 7.4 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 59 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 6.4 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 3.8 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 2.5 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 3.8 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 2.1 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 160 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 63 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 17:23** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.7 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 70 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 66 | 5.0 | 1.8 | 1.00 | |
| C13-C14 | 5.4 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 7.0 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 15 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 3.9 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 2.3 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 2.9 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 180 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 60 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 17:40** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 60 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N15O16** | **14-07-1980-15-A** | **07/29/14 12:30** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 17:57** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.72 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 12 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 15 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 4.8 | 4.9 | 1.8 | 1.00 | J |
| C19-C20 | 1.8 | 4.9 | 1.8 | 1.00 | J |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 34 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 51 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 18:31** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 67 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 18:47** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.1 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 4.1 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 6.9 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 5.3 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 4.5 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | 2.1 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 25 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 43 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 19:04** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 48 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 19 of 19 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1061** | **N/A** | **Solid** | **GC 47** | **07/31/14** | **08/01/14 12:20** | **140731B06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 80 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:07** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.91 | 0.750 | 0.259 | 1.00 | |
| Barium | 83.6 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.211 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 13.6 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.03 | 0.250 | 0.148 | 1.00 | |
| Copper | 14.7 | 0.500 | 0.135 | 1.00 | |
| Lead | 29.5 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.628 | 0.250 | 0.132 | 1.00 | |
| Nickel | 6.54 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.180 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 18.7 | 0.250 | 0.141 | 1.00 | |
| Zinc | 31.8 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:08** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | ND | 0.754 | 0.260 | 1.01 | |
| Barium | 105 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.209 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 6.79 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 5.42 | 0.251 | 0.149 | 1.01 | |
| Copper | 22.1 | 0.503 | 0.135 | 1.01 | |
| Lead | 0.769 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | ND | 0.251 | 0.133 | 1.01 | |
| Nickel | 4.53 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.147 | 0.251 | 0.0861 | 1.01 | J |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 20.5 | 0.251 | 0.142 | 1.01 | |
| Zinc | 47.0 | 1.01 | 0.178 | 1.01 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:15** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | ND | 0.746 | 0.258 | 0.995 | |
| Barium | 245 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.175 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 8.02 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 4.33 | 0.249 | 0.147 | 0.995 | |
| Copper | 16.7 | 0.498 | 0.134 | 0.995 | |
| Lead | 0.845 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | ND | 0.249 | 0.131 | 0.995 | |
| Nickel | 4.31 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.326 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 16.8 | 0.249 | 0.141 | 0.995 | |
| Zinc | 37.0 | 0.995 | 0.177 | 0.995 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:16** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | ND | 0.746 | 0.258 | 0.995 | |
| Barium | 168 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.184 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 9.39 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 4.08 | 0.249 | 0.147 | 0.995 | |
| Copper | 14.6 | 0.498 | 0.134 | 0.995 | |
| Lead | 1.08 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.140 | 0.249 | 0.131 | 0.995 | J |
| Nickel | 5.08 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.342 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 16.5 | 0.249 | 0.141 | 0.995 | |
| Zinc | 36.9 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:17** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 3.73 | 0.746 | 0.258 | 0.995 | |
| Barium | 101 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.283 | 0.249 | 0.136 | 0.995 | |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 8.50 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 6.01 | 0.249 | 0.147 | 0.995 | |
| Copper | 11.0 | 0.498 | 0.134 | 0.995 | |
| Lead | 8.61 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.271 | 0.249 | 0.131 | 0.995 | |
| Nickel | 6.12 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.187 | 0.249 | 0.0853 | 0.995 | J |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 23.8 | 0.249 | 0.141 | 0.995 | |
| Zinc | 39.2 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:18** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | ND | 0.777 | 0.269 | 1.04 | |
| Barium | 98.5 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.230 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | 0.310 | 0.518 | 0.140 | 1.04 | J |
| Chromium | 8.21 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 4.46 | 0.259 | 0.153 | 1.04 | |
| Copper | 8.96 | 0.518 | 0.140 | 1.04 | |
| Lead | 7.42 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.196 | 0.259 | 0.137 | 1.04 | J |
| Nickel | 5.47 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.258 | 0.259 | 0.0888 | 1.04 | J |
| Thallium | ND | 0.777 | 0.157 | 1.04 | |
| Vanadium | 20.4 | 0.259 | 0.146 | 1.04 | |
| Zinc | 43.4 | 1.04 | 0.184 | 1.04 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:19** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.147 | 0.990 | |
| Arsenic | 1.52 | 0.743 | 0.257 | 0.990 | |
| Barium | 111 | 0.495 | 0.153 | 0.990 | |
| Beryllium | 0.208 | 0.248 | 0.136 | 0.990 | J |
| Cadmium | ND | 0.495 | 0.134 | 0.990 | |
| Chromium | 9.98 | 0.248 | 0.141 | 0.990 | |
| Cobalt | 5.10 | 0.248 | 0.147 | 0.990 | |
| Copper | 12.9 | 0.495 | 0.133 | 0.990 | |
| Lead | 1.13 | 0.495 | 0.130 | 0.990 | |
| Molybdenum | 0.138 | 0.248 | 0.131 | 0.990 | J |
| Nickel | 9.74 | 0.248 | 0.143 | 0.990 | |
| Selenium | ND | 0.743 | 0.297 | 0.990 | |
| Silver | 0.247 | 0.248 | 0.0849 | 0.990 | J |
| Thallium | ND | 0.743 | 0.150 | 0.990 | |
| Vanadium | 20.9 | 0.248 | 0.140 | 0.990 | |
| Zinc | 27.2 | 0.990 | 0.176 | 0.990 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:20** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 1.48 | 0.746 | 0.258 | 0.995 | |
| Barium | 134 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.216 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 9.94 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 4.85 | 0.249 | 0.147 | 0.995 | |
| Copper | 9.72 | 0.498 | 0.134 | 0.995 | |
| Lead | 0.947 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.243 | 0.249 | 0.131 | 0.995 | J |
| Nickel | 4.82 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.289 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 17.6 | 0.249 | 0.141 | 0.995 | |
| Zinc | 21.1 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:21** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 0.454 | 0.754 | 0.260 | 1.01 | J |
| Barium | 102 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.221 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 6.53 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 4.17 | 0.251 | 0.149 | 1.01 | |
| Copper | 26.4 | 0.503 | 0.135 | 1.01 | |
| Lead | 9.44 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.464 | 0.251 | 0.133 | 1.01 | |
| Nickel | 6.37 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.304 | 0.251 | 0.0861 | 1.01 | |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 17.4 | 0.251 | 0.142 | 1.01 | |
| Zinc | 66.9 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:22** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.728 | 0.145 | 0.971 | |
| Arsenic | 0.643 | 0.728 | 0.252 | 0.971 | J |
| Barium | 86.1 | 0.485 | 0.150 | 0.971 | |
| Beryllium | 0.257 | 0.243 | 0.133 | 0.971 | |
| Cadmium | ND | 0.485 | 0.131 | 0.971 | |
| Chromium | 6.17 | 0.243 | 0.138 | 0.971 | |
| Cobalt | 4.24 | 0.243 | 0.144 | 0.971 | |
| Copper | 28.1 | 0.485 | 0.131 | 0.971 | |
| Lead | 12.9 | 0.485 | 0.128 | 0.971 | |
| Molybdenum | 0.567 | 0.243 | 0.128 | 0.971 | |
| Nickel | 6.11 | 0.243 | 0.141 | 0.971 | |
| Selenium | ND | 0.728 | 0.291 | 0.971 | |
| Silver | 0.269 | 0.243 | 0.0832 | 0.971 | |
| Thallium | ND | 0.728 | 0.147 | 0.971 | |
| Vanadium | 15.3 | 0.243 | 0.137 | 0.971 | |
| Zinc | 52.0 | 0.971 | 0.172 | 0.971 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:23** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.46 | 0.758 | 0.262 | 1.01 | |
| Barium | 114 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.210 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.63 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.35 | 0.253 | 0.150 | 1.01 | |
| Copper | 23.8 | 0.505 | 0.136 | 1.01 | |
| Lead | 11.7 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.705 | 0.253 | 0.133 | 1.01 | |
| Nickel | 6.07 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.215 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 17.9 | 0.253 | 0.143 | 1.01 | |
| Zinc | 44.5 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 18:46** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.23 | 0.750 | 0.259 | 1.00 | |
| Barium | 160 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.277 | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 8.62 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.09 | 0.250 | 0.148 | 1.00 | |
| Copper | 11.6 | 0.500 | 0.135 | 1.00 | |
| Lead | 5.18 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.227 | 0.250 | 0.132 | 1.00 | J |
| Nickel | 5.99 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.210 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 27.1 | 0.250 | 0.141 | 1.00 | |
| Zinc | 52.9 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:25** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 0.417 | 0.758 | 0.262 | 1.01 | J |
| Barium | 186 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.189 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.99 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 3.82 | 0.253 | 0.150 | 1.01 | |
| Copper | 7.91 | 0.505 | 0.136 | 1.01 | |
| Lead | 6.35 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.170 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 4.72 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.327 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 20.9 | 0.253 | 0.143 | 1.01 | |
| Zinc | 67.2 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:31** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 3.91 | 0.765 | 0.264 | 1.02 | |
| Barium | 92.0 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.159 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | ND | 0.510 | 0.138 | 1.02 | |
| Chromium | 7.93 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 2.43 | 0.255 | 0.151 | 1.02 | |
| Copper | 6.11 | 0.510 | 0.137 | 1.02 | |
| Lead | 1.50 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.420 | 0.255 | 0.135 | 1.02 | |
| Nickel | 5.56 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.345 | 0.255 | 0.0875 | 1.02 | |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 12.8 | 0.255 | 0.144 | 1.02 | |
| Zinc | 17.2 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N15O16** | **14-07-1980-15-A** | **07/29/14 12:30** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:32** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 8.35 | 0.761 | 0.263 | 1.02 | |
| Barium | 90.2 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.169 | 0.254 | 0.139 | 1.02 | J |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 6.10 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 2.31 | 0.254 | 0.150 | 1.02 | |
| Copper | 5.05 | 0.508 | 0.137 | 1.02 | |
| Lead | 4.28 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.472 | 0.254 | 0.134 | 1.02 | |
| Nickel | 9.77 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.407 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 27.6 | 0.254 | 0.143 | 1.02 | |
| Zinc | 31.6 | 1.02 | 0.180 | 1.02 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:33** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | 8.01 | 0.735 | 0.254 | 0.980 | |
| Barium | 109 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.215 | 0.245 | 0.134 | 0.980 | J |
| Cadmium | 0.187 | 0.490 | 0.133 | 0.980 | J |
| Chromium | 16.8 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 4.92 | 0.245 | 0.145 | 0.980 | |
| Copper | 15.2 | 0.490 | 0.132 | 0.980 | |
| Lead | 1.46 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 1.12 | 0.245 | 0.129 | 0.980 | |
| Nickel | 10.0 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.401 | 0.245 | 0.0840 | 0.980 | |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 24.0 | 0.245 | 0.138 | 0.980 | |
| Zinc | 58.5 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:34** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.25 | 0.758 | 0.262 | 1.01 | |
| Barium | 84.7 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.203 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 7.67 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 3.88 | 0.253 | 0.150 | 1.01 | |
| Copper | 7.26 | 0.505 | 0.136 | 1.01 | |
| Lead | 5.42 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.148 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 4.19 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.271 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 18.5 | 0.253 | 0.143 | 1.01 | |
| Zinc | 24.2 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 19:35** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | 0.947 | 0.732 | 0.253 | 0.976 | |
| Barium | 94.2 | 0.488 | 0.151 | 0.976 | |
| Beryllium | 0.221 | 0.244 | 0.134 | 0.976 | J |
| Cadmium | ND | 0.488 | 0.132 | 0.976 | |
| Chromium | 7.21 | 0.244 | 0.139 | 0.976 | |
| Cobalt | 4.23 | 0.244 | 0.144 | 0.976 | |
| Copper | 8.29 | 0.488 | 0.131 | 0.976 | |
| Lead | 3.28 | 0.488 | 0.128 | 0.976 | |
| Molybdenum | ND | 0.244 | 0.129 | 0.976 | |
| Nickel | 5.95 | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | ND | 0.244 | 0.0836 | 0.976 | |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | 18.8 | 0.244 | 0.138 | 0.976 | |
| Zinc | 25.3 | 0.976 | 0.173 | 0.976 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18680** | **N/A** | **Solid** | **ICP 7300** | **07/31/14** | **07/31/14 18:38** | **140731L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:21** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0223 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:28** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00849 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:30** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00972 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:33** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0806 | 0.00568 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:35** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0131 | 0.0962 | 0.00677 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:37** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00846 | 0.0806 | 0.00568 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:39** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00956 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:42** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0129 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:44** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0113 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:46** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0357 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:48** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0177 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:14** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0176 | 0.0833 | 0.00587 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:55** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0202 | 0.0769 | 0.00542 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:57** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0129 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N15O16** | **14-07-1980-15-A** | **07/29/14 12:30** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 22:00** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00719 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 22:02** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0150 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 22:04** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0108 | 0.0781 | 0.00550 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 22:06** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0184 | 0.0833 | 0.00587 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 4 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-25** | **N/A** | **Solid** | **Mercury 04** | **08/01/14** | **08/01/14 21:10** | **140801L06D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 19:20** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 36 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 120 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 133 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 19:39** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 25 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 78 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 62 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 78 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **GC 31** | **08/01/14** | **08/04/14 17:03** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 40 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 43 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 19 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 145 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 20:17** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 29 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 76 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 20:36** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 26 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 25 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 107 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 78 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 20:55** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 65 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 21:14** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 34 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 37 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 21:33** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 46 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 27 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 22:30** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 100 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 150 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 38 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 98 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 22:49** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 50 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 450 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 350 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 105 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 23:08** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

| F23G24 | 14-07-1980-11-A | 07/29/14 11:30 | Concrete | GC 31 | 08/01/14 | 08/04/14 18:03 | 140801L19 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 5500 | 500 | 120 | 10.0 | |
| Aroclor-1260 | 2200 | 500 | 110 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 23:27** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | 31 | 50 | 14 | 1.00 | J |
| Aroclor-1254 | 100 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 130 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 107 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **GC 31** | **08/01/14** | **08/02/14 23:46** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 44 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 190 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 00:06** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 17 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

| N15O16 | 14-07-1980-15-A | 07/29/14 12:30 | Concrete | GC 31 | 08/01/14 | 08/03/14 00:25 | 140801L19 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 00:44** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 67 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 01:03** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 105 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 02:00** | **140801L19** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 66 | 25-145 | |

| Method Blank | 099-12-535-2782 | N/A | Solid | GC 31 | 08/01/14 | 08/02/14 18:41 | 140801L19 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 119 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 17:04** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 6.6 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.10 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.32 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 3 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 69 | 33-123 | |
| p-Terphenyl-d14 | 95 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 10:42** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.14 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.97 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 17:22** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 20 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 91 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 11:18** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 5.2 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 58 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 10 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 17:40** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 19 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 84 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 99 | 27-159 | |
| Phenol-d6 | 10 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 11:36** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 3.5 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 12 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 17:58** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 24 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 99 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 11:55** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.12 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 12:13** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 18 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 67 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 19 of 57 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 12:31** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 65 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 17 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 12:49** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 24 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 16:45** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 25 | 4.0 | 50.0 | |
| Acenaphthene | ND | 25 | 4.9 | 50.0 | |
| Acenaphthylene | ND | 25 | 6.4 | 50.0 | |
| Aniline | ND | 25 | 5.6 | 50.0 | |
| Anthracene | ND | 25 | 5.7 | 50.0 | |
| Azobenzene | ND | 25 | 5.4 | 50.0 | |
| Benzidine | ND | 250 | 60 | 50.0 | |
| Benzo (a) Anthracene | ND | 25 | 9.5 | 50.0 | |
| Benzo (a) Pyrene | ND | 25 | 4.3 | 50.0 | |
| Benzo (b) Fluoranthene | ND | 25 | 4.2 | 50.0 | |
| Benzo (g,h,i) Perylene | ND | 25 | 4.5 | 50.0 | |
| Benzo (k) Fluoranthene | ND | 25 | 5.5 | 50.0 | |
| Benzoic Acid | ND | 120 | 39 | 50.0 | |
| Benzyl Alcohol | 27 | 25 | 7.7 | 50.0 | |
| Bis(2-Chloroethoxy) Methane | ND | 25 | 6.2 | 50.0 | |
| Bis(2-Chloroethyl) Ether | ND | 25 | 5.7 | 50.0 | |
| Bis(2-Chloroisopropyl) Ether | ND | 25 | 6.0 | 50.0 | |
| Bis(2-Ethylhexyl) Phthalate | 87 | 25 | 4.8 | 50.0 | |
| 4-Bromophenyl-Phenyl Ether | ND | 25 | 5.0 | 50.0 | |
| Butyl Benzyl Phthalate | 230 | 25 | 5.0 | 50.0 | |
| 4-Chloro-3-Methylphenol | ND | 25 | 7.6 | 50.0 | |
| 4-Chloroaniline | ND | 25 | 6.2 | 50.0 | |
| 2-Chloronaphthalene | ND | 25 | 4.9 | 50.0 | |
| 2-Chlorophenol | ND | 25 | 6.8 | 50.0 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 25 | 5.2 | 50.0 | |
| Chrysene | ND | 25 | 4.7 | 50.0 | |
| Di-n-Butyl Phthalate | ND | 25 | 4.8 | 50.0 | |
| Di-n-Octyl Phthalate | ND | 25 | 4.2 | 50.0 | |
| Dibenz (a,h) Anthracene | ND | 25 | 4.5 | 50.0 | |
| Dibenzofuran | ND | 25 | 5.8 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 25 | 5.9 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 25 | 5.2 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 25 | 7.1 | 50.0 | |
| 3,3'-Dichlorobenzidine | ND | 250 | 54 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 25 | 6.9 | 50.0 | |
| Diethyl Phthalate | ND | 25 | 7.9 | 50.0 | |
| Dimethyl Phthalate | ND | 25 | 9.0 | 50.0 | |
| 2,4-Dimethylphenol | ND | 25 | 6.0 | 50.0 | |
| 4,6-Dinitro-2-Methylphenol | ND | 120 | 79 | 50.0 | |
| 2,4-Dinitrophenol | ND | 100 | 36 | 50.0 | |
| 2,4-Dinitrotoluene | ND | 25 | 7.6 | 50.0 | |
| 2,6-Dinitrotoluene | ND | 25 | 8.3 | 50.0 | |
| Fluoranthene | ND | 25 | 5.4 | 50.0 | |
| Fluorene | ND | 25 | 5.3 | 50.0 | |
| Hexachloro-1,3-Butadiene | ND | 25 | 5.0 | 50.0 | |
| Hexachlorobenzene | ND | 25 | 5.2 | 50.0 | |
| Hexachlorocyclopentadiene | ND | 120 | 42 | 50.0 | |
| Hexachloroethane | ND | 25 | 5.4 | 50.0 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 25 | 4.9 | 50.0 | |
| Isophorone | ND | 25 | 5.9 | 50.0 | |
| 2-Methylnaphthalene | ND | 25 | 4.7 | 50.0 | |
| 1-Methylnaphthalene | ND | 25 | 4.8 | 50.0 | |
| 2-Methylphenol | ND | 25 | 7.0 | 50.0 | |
| 3/4-Methylphenol | ND | 25 | 12 | 50.0 | |
| N-Nitroso-di-n-propylamine | ND | 25 | 5.8 | 50.0 | |
| N-Nitrosodimethylamine | ND | 25 | 5.8 | 50.0 | |
| N-Nitrosodiphenylamine | ND | 25 | 5.9 | 50.0 | |
| Naphthalene | ND | 25 | 6.5 | 50.0 | |
| 4-Nitroaniline | ND | 25 | 7.0 | 50.0 | |
| 3-Nitroaniline | ND | 25 | 7.9 | 50.0 | |
| 2-Nitroaniline | ND | 25 | 8.2 | 50.0 | |
| Nitrobenzene | ND | 100 | 38 | 50.0 | |
| 4-Nitrophenol | ND | 25 | 16 | 50.0 | |
| 2-Nitrophenol | ND | 25 | 6.4 | 50.0 | |
| Pentachlorophenol | ND | 120 | 64 | 50.0 | |
| Phenanthrene | ND | 25 | 5.8 | 50.0 | |
| Phenol | ND | 25 | 7.1 | 50.0 | |
| Pyrene | ND | 25 | 5.1 | 50.0 | |
| Pyridine | ND | 25 | 17 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 25 | 5.5 | 50.0 | |
| 2,4,6-Trichlorophenol | ND | 25 | 7.9 | 50.0 | |
| 2,4,5-Trichlorophenol | ND | 25 | 7.6 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 27 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 0 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 13:07** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | 0.18 | 0.50 | 0.15 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.18 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.38 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 30 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 58 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 13:25** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 65 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 36 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 18:16** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 170 | 25 | 7.7 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 95 | 27-159 | |
| Phenol-d6 | 32 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 13:44** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.40 | 0.50 | 0.097 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 2.7 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 71 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 53 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 18:35** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 30 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 10 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 14:02** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.76 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.11 | 0.50 | 0.095 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.9 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.17 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 66 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 43 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 18:53** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 51 | 5.0 | 1.5 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 7 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 14:20** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 42 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 67 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 3 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N15O16** | **14-07-1980-15-A** | **07/29/14 12:30** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 14:38** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | 8.3 | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | 0.19 | 0.50 | 0.10 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.16 | 0.50 | 0.095 | 1.00 | J |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 1.5 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 45 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 58 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 3 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 14:56** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.086 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.098 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.097 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 48 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 65 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 70 | 27-159 | |
| Phenol-d6 | 24 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 15:14** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 51 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 15:33** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 54 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 65 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 77 | 27-159 | |
| Phenol-d6 | 35 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 55 of 57 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-13** | **N/A** | **Solid** | **GC/MS CCC** | **08/07/14** | **08/08/14 10:06** | **140807L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 57 of 57 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 99 | 25-120 | |
| Nitrobenzene-d5 | 86 | 33-123 | |
| p-Terphenyl-d14 | 91 | 27-159 | |
| Phenol-d6 | 95 | 26-122 | |
| 2,4,6-Tribromophenol | 85 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L23M24** | **14-07-1980-1-A** | **07/29/14 08:00** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 09:42** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 14 | 120 | 6.2 | 1.00 | J |
| Benzene | 1.0 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.43 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 99 | 60-132 | |
| Dibromofluoromethane | 10 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 99 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L21M22** | **14-07-1980-2-A** | **07/29/14 08:30** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 11:30** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 130 | 6.3 | 1.00 | J |
| Benzene | 1.4 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 0.88 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 0.16 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 3.3 | 50 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | 0.71 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 10 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 99 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 11:56** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 21 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.99 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 71 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 3.9 | 5.1 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 12 | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | 1.3 | 5.1 | 0.55 | 1.00 | J |
| p-Isopropyltoluene | 17 | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| n-Propylbenzene | 3.5 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 59 | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 76 | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 9.2 | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 46 | 5.1 | 0.27 | 1.00 | |
| o-Xylene | 20 | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 6 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 101 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 43 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M20N21** | **14-07-1980-3-A** | **07/29/14 08:50** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 23:15** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 12000 | 4900 | 80 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 73 | 63-141 | |
| 1,2-Dichloroethane-d4 | 89 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 12:23** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 21 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.48 | 5.1 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | 48 | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | 2.4 | 5.1 | 0.59 | 1.00 | J |
| tert-Butylbenzene | 0.16 | 5.1 | 0.15 | 1.00 | J |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 0.81 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | 12 | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| n-Propylbenzene | 0.55 | 5.1 | 0.51 | 1.00 | J |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 30 | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 40 | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.8 | 5.1 | 0.56 | 1.00 | J |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 3.1 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | 2.0 | 5.1 | 0.57 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 7 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M19N20** | **14-07-1980-4-A** | **07/29/14 09:00** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 23:42** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 6500 | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 72 | 63-141 | |
| 1,2-Dichloroethane-d4 | 86 | 62-146 | |
| Toluene-d8 | 92 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M21N22** | **14-07-1980-5-A** | **07/29/14 09:20** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 12:50** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 32 | 130 | 6.3 | 1.00 | J |
| Benzene | 0.17 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 4.0 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | 0.49 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 5.0 | 50 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 9 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 88 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N22O23** | **14-07-1980-6-A** | **07/29/14 09:40** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 13:17** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 30 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.17 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 1.5 | 50 | 0.81 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 90 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19** | **14-07-1980-7-A** | **07/29/14 10:00** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 13:44** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 15 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 0.16 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.89 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | 1.3 | 5.1 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 10 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 93 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P21Q22** | **14-07-1980-8-A** | **07/29/14 10:10** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 14:11** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 11 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 0.91 | 51 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 8 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H24J25** | **14-07-1980-9-A** | **07/29/14 10:50** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 14:38** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 23 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.36 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | 3.7 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | 0.21 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | 0.32 | 4.9 | 0.15 | 1.00 | J |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.4 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 0.33 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | 1.8 | 49 | 1.7 | 1.00 | J |
| Isopropylbenzene | 11 | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 16 | 49 | 0.79 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 4.8 | 4.9 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | 0.59 | 4.9 | 0.53 | 1.00 | J |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.52 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 6 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 95 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 43 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H23J24** | **14-07-1980-10-A** | **07/29/14 11:10** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 15:05** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 48 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.12 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.0 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.55 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.14 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.52 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.60 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.1 | 1.00 | |
| Naphthalene | ND | 48 | 0.78 | 1.00 | |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.53 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 8 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24** | **14-07-1980-11-A** | **07/29/14 11:30** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 15:32** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 17 | 120 | 6.2 | 1.00 | J |
| Benzene | 1.8 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.46 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | 0.32 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | 1.5 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | 1.3 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 0.63 | 4.9 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 13 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 95 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 15:59** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 100 | 130 | 6.5 | 1.00 | J |
| Benzene | 0.22 | 5.2 | 0.14 | 1.00 | J |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.83 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | 39 | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.4 | 5.2 | 0.60 | 1.00 | J |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.30 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.6 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.60 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.27 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.81 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.46 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.35 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.27 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | 6.8 | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | 5.4 | 5.2 | 0.66 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | 60 | 52 | 4.5 | 1.00 | |
| n-Propylbenzene | 1.0 | 5.2 | 0.52 | 1.00 | J |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | 0.47 | 5.2 | 0.22 | 1.00 | J |
| Toluene | 2.6 | 5.2 | 0.54 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.24 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.87 | 1.00 | |
| 1,2,4-Trimethylbenzene | 31 | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 2.3 | 5.2 | 0.57 | 1.00 | J |
| Vinyl Acetate | ND | 52 | 5.0 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.53 | 1.00 | |
| p/m-Xylene | 27 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 12 | 5.2 | 0.58 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 11 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 97 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 27 of 43 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P17Q18** | **14-07-1980-12-A** | **07/29/14 12:05** | **Concrete** | **GC/MS BB** | **07/30/14** | **08/01/14 01:03** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 4500 | 5000 | 82 | 50.0 | J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 96 | 60-132 | |
| Dibromofluoromethane | 71 | 63-141 | |
| 1,2-Dichloroethane-d4 | 89 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 16:25** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 70 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.21 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 110 | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | 4.3 | 4.9 | 0.56 | 1.00 | J |
| tert-Butylbenzene | 0.44 | 4.9 | 0.15 | 1.00 | J |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 7.2 | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | 12 | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | 14 | 49 | 4.2 | 1.00 | J |
| n-Propylbenzene | 1.7 | 4.9 | 0.49 | 1.00 | J |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | 0.26 | 4.9 | 0.20 | 1.00 | J |
| Toluene | 5.6 | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 66 | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | 3.9 | 4.9 | 0.53 | 1.00 | J |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 32 | 4.9 | 0.26 | 1.00 | |
| o-Xylene | 21 | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 7 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 93 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P15Q16** | **14-07-1980-13-A** | **07/29/14 12:15** | **Concrete** | **GC/MS BB** | **07/30/14** | **08/01/14 01:30** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 17000 | 5100 | 84 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 68 | 63-141 | |
| 1,2-Dichloroethane-d4 | 89 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O14Q15** | **14-07-1980-14-A** | **07/29/14 12:40** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 16:52** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 11 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 1.5 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.4 | 1.00 | |
| Naphthalene | 8.8 | 50 | 0.82 | 1.00 | J |
| n-Propylbenzene | ND | 5.0 | 0.51 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.87 | 5.0 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 5 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 89 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N15O16** | **14-07-1980-15-A** | **07/29/14 12:30** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 17:19** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 41 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.21 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 27 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 0.97 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | 3.4 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | 4.6 | 5.0 | 0.63 | 1.00 | J |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 180 | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | 2.1 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 15 | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 130 | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | 8.9 | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 12 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 4.8 | 5.0 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 5 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 88 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M13N14** | **14-07-1980-16-A** | **07/29/14 13:00** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 17:46** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 11 | 120 | 6.1 | 1.00 | J |
| Benzene | 0.38 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.43 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 3.9 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | 1.3 | 4.9 | 0.21 | 1.00 | J |
| Toluene | 1.9 | 4.9 | 0.50 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.4 | 4.9 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.27 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 21 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 88 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 37 of 43 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18R19** | **14-07-1980-17-A** | **07/29/14 13:20** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 18:13** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 19 | 130 | 6.5 | 1.00 | J |
| Benzene | ND | 5.2 | 0.14 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.83 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.6 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.27 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.81 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.46 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.27 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 0.66 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | ND | 52 | 0.85 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | ND | 5.2 | 0.54 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 0.39 | 5.2 | 0.28 | 1.00 | J |
| o-Xylene | ND | 5.2 | 0.58 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 14 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 89 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q24R25** | **14-07-1980-18-A** | **07/29/14 13:45** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 18:40** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 25 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 26 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 41 of 43 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-356** | **N/A** | **Solid** | **GC/MS BB** | **07/30/14** | **07/31/14 08:49** | **140730L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 95 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 43 of 43 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-360** | **N/A** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 21:27** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | ND | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 78 | 63-141 | |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-2164-1** | **Sample** | **Concrete** | **IC 11** | **08/01/14** | **08/01/14 21:56** | **140801S01P** |
| **14-07-2164-1** | **Matrix Spike** | **Concrete** | **IC 11** | **08/01/14** | **08/01/14 22:02** | **140801S01P** |
| **14-07-2164-1** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **08/01/14** | **08/01/14 22:08** | **140801S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 568.0 | 40000 | 53650 | 133 | 53390 | 132 | 75-125 | 0 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **L23M24** | **Sample** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 01:22** | **140801S02P** |
| **L23M24** | **Matrix Spike** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 01:29** | **140801S02P** |
| **L23M24** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **08/01/14** | **08/02/14 01:35** | **140801S02P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 7663 | 40000 | 55810 | 120 | 59840 | 130 | 75-125 | 7 | 0-25 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **O14Q15** | **Sample** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 17:40** | **140731S06** |
| **O14Q15** | **Matrix Spike** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 12:54** | **140731S06** |
| **O14Q15** | **Matrix Spike Duplicate** | **Concrete** | **GC 47** | **07/31/14** | **08/01/14 13:11** | **140731S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | ND | 400.0 | 153.9 | 38 | 270.9 | 68 | 64-130 | 55 | 0-15 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **P17Q18** | **Sample** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 18:46** | **140731S02** |
| **P17Q18** | **Matrix Spike** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 18:48** | **140731S02** |
| **P17Q18** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **07/31/14** | **07/31/14 18:49** | **140731S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 11.09 | 44 | 8.814 | 35 | 50-115 | 23 | 0-20 | 3,4 |
| Arsenic | 1.234 | 25.00 | 27.77 | 106 | 27.12 | 104 | 75-125 | 2 | 0-20 | |
| Barium | 160.1 | 25.00 | 188.8 | 4X | 179.6 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | 0.2771 | 25.00 | 27.71 | 110 | 27.41 | 109 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 25.19 | 101 | 24.89 | 100 | 75-125 | 1 | 0-20 | |
| Chromium | 8.624 | 25.00 | 33.79 | 101 | 33.91 | 101 | 75-125 | 0 | 0-20 | |
| Cobalt | 5.087 | 25.00 | 32.23 | 109 | 31.75 | 107 | 75-125 | 1 | 0-20 | |
| Copper | 11.59 | 25.00 | 39.05 | 110 | 39.35 | 111 | 75-125 | 1 | 0-20 | |
| Lead | 5.177 | 25.00 | 30.37 | 101 | 28.92 | 95 | 75-125 | 5 | 0-20 | |
| Molybdenum | ND | 25.00 | 25.99 | 104 | 25.27 | 101 | 75-125 | 3 | 0-20 | |
| Nickel | 5.985 | 25.00 | 30.49 | 98 | 30.19 | 97 | 75-125 | 1 | 0-20 | |
| Selenium | ND | 25.00 | 24.90 | 100 | 23.29 | 93 | 75-125 | 7 | 0-20 | |
| Silver | ND | 12.50 | 14.27 | 114 | 14.04 | 112 | 75-125 | 2 | 0-20 | |
| Thallium | ND | 25.00 | 21.19 | 85 | 20.58 | 82 | 75-125 | 3 | 0-20 | |
| Vanadium | 27.13 | 25.00 | 53.33 | 105 | 54.15 | 108 | 75-125 | 2 | 0-20 | |
| Zinc | 52.90 | 25.00 | 78.00 | 100 | 72.88 | 80 | 75-125 | 7 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **P17Q18** | **Sample** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:14** | **140801S06** |
| **P17Q18** | **Matrix Spike** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:17** | **140801S06** |
| **P17Q18** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 04** | **08/01/14** | **08/01/14 21:19** | **140801S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.4730 | 57 | 0.6498 | 78 | 80-120 | 31 | 0-15 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **Q24R25** | **Sample** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 02:00** | **140801S19** |
| **Q24R25** | **Matrix Spike** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 02:19** | **140801S19** |
| **Q24R25** | **Matrix Spike Duplicate** | **Concrete** | **GC 31** | **08/01/14** | **08/03/14 02:38** | **140801S19** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 91.78 | 92 | 91.04 | 91 | 50-135 | 1 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 95.82 | 96 | 95.10 | 95 | 50-135 | 1 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **Q24R25** | **Sample** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 15:33** | **140807S06** |
| **Q24R25** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 15:51** | **140807S06** |
| **Q24R25** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/07/14** | **08/08/14 16:09** | **140807S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 8.162 | 82 | 8.031 | 80 | 34-148 | 2 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 8.216 | 82 | 8.090 | 81 | 53-120 | 2 | 0-20 | |
| Aniline | ND | 10.00 | 6.863 | 69 | 6.919 | 69 | 80-120 | 1 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 8.189 | 82 | 8.265 | 83 | 80-120 | 1 | 0-20 | |
| Azobenzene | ND | 10.00 | 7.997 | 80 | 8.110 | 81 | 80-120 | 1 | 0-20 | |
| Benzidine | ND | 10.00 | 14.17 | 142 | 13.94 | 139 | 80-120 | 2 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 8.300 | 83 | 8.287 | 83 | 80-120 | 0 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 8.905 | 89 | 8.885 | 89 | 80-120 | 0 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 8.396 | 84 | 8.473 | 85 | 80-120 | 1 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 9.180 | 92 | 9.023 | 90 | 80-120 | 2 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 7.983 | 80 | 8.012 | 80 | 80-120 | 0 | 0-20 | |
| Benzoic Acid | ND | 10.00 | 3.384 | 34 | 3.348 | 33 | 80-120 | 1 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 7.688 | 77 | 7.759 | 78 | 80-120 | 1 | 0-20 | 3 |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 7.508 | 75 | 7.449 | 74 | 80-120 | 1 | 0-20 | 3 |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 7.463 | 75 | 7.458 | 75 | 80-120 | 0 | 0-20 | 3 |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 8.099 | 81 | 7.942 | 79 | 80-120 | 2 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 7.632 | 76 | 7.520 | 75 | 80-120 | 1 | 0-20 | 3 |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 7.631 | 76 | 7.726 | 77 | 80-120 | 1 | 0-20 | 3 |
| Butyl Benzyl Phthalate | ND | 10.00 | 8.133 | 81 | 7.881 | 79 | 15-189 | 3 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 5.577 | 56 | 5.606 | 56 | 32-120 | 1 | 0-20 | |
| 4-Chloroaniline | ND | 10.00 | 7.037 | 70 | 7.017 | 70 | 80-120 | 0 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 8.030 | 80 | 7.995 | 80 | 80-120 | 0 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 1.554 | 16 | 1.553 | 16 | 53-120 | 0 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 6.958 | 70 | 6.887 | 69 | 80-120 | 1 | 0-20 | 3 |
| Chrysene | ND | 10.00 | 8.008 | 80 | 7.979 | 80 | 80-120 | 0 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 7.599 | 76 | 7.494 | 75 | 80-120 | 1 | 0-20 | 3 |
| Di-n-Octyl Phthalate | ND | 10.00 | 7.820 | 78 | 7.693 | 77 | 80-120 | 2 | 0-20 | 3 |
| Dibenz (a,h) Anthracene | ND | 10.00 | 8.930 | 89 | 8.854 | 89 | 80-120 | 1 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 7.724 | 77 | 7.678 | 77 | 80-120 | 1 | 0-20 | 3 |
| 1,2-Dichlorobenzene | ND | 10.00 | 7.605 | 76 | 7.571 | 76 | 80-120 | 0 | 0-20 | 3 |
| 1,3-Dichlorobenzene | ND | 10.00 | 7.627 | 76 | 7.596 | 76 | 80-120 | 0 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 10.00 | 7.502 | 75 | 7.537 | 75 | 43-120 | 0 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 6.723 | 67 | 6.689 | 67 | 80-120 | 1 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0.04742 | 0 | 0.04939 | 0 | 80-120 | 4 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 7.183 | 72 | 7.072 | 71 | 80-120 | 2 | 0-20 | 3 |
| Dimethyl Phthalate | ND | 10.00 | 7.658 | 77 | 7.604 | 76 | 44-122 | 1 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 7.655 | 77 | 7.612 | 76 | 80-120 | 1 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 7.900 | 79 | 7.812 | 78 | 28-120 | 1 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 8.307 | 83 | 8.140 | 81 | 80-120 | 2 | 0-20 | |
| Fluoranthene | ND | 10.00 | 7.759 | 78 | 7.674 | 77 | 80-120 | 1 | 0-20 | 3 |
| Fluorene | ND | 10.00 | 7.545 | 75 | 7.410 | 74 | 12-186 | 2 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 7.457 | 75 | 7.275 | 73 | 80-120 | 2 | 0-20 | 3 |
| Hexachlorobenzene | ND | 10.00 | 7.998 | 80 | 7.957 | 80 | 80-120 | 1 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 7.628 | 76 | 7.480 | 75 | 80-120 | 2 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 7.482 | 75 | 7.465 | 75 | 80-120 | 0 | 0-20 | 3 |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 9.293 | 93 | 9.259 | 93 | 80-120 | 0 | 0-20 | |
| Isophorone | ND | 10.00 | 7.319 | 73 | 7.267 | 73 | 80-120 | 1 | 0-20 | 3 |
| 2-Methylnaphthalene | ND | 10.00 | 8.083 | 81 | 8.045 | 80 | 80-120 | 0 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 7.576 | 76 | 7.534 | 75 | 80-120 | 1 | 0-20 | 3 |
| 2-Methylphenol | ND | 10.00 | 7.607 | 76 | 7.766 | 78 | 80-120 | 2 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 14.44 | 72 | 14.63 | 73 | 80-120 | 1 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 7.119 | 71 | 7.218 | 72 | 38-140 | 1 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 7.390 | 74 | 7.386 | 74 | 80-120 | 0 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 10.00 | 9.540 | 95 | 9.707 | 97 | 80-120 | 2 | 0-20 | |
| Naphthalene | ND | 10.00 | 7.828 | 78 | 7.821 | 78 | 20-140 | 0 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 8.252 | 83 | 7.880 | 79 | 80-120 | 5 | 0-20 | 3 |
| 3-Nitroaniline | ND | 10.00 | 8.011 | 80 | 7.960 | 80 | 80-120 | 1 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 8.510 | 85 | 8.403 | 84 | 80-120 | 1 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 7.601 | 76 | 7.400 | 74 | 80-120 | 3 | 0-20 | 3 |
| 4-Nitrophenol | ND | 10.00 | 0.4162 | 4 | 0.1678 | 2 | 14-128 | 85 | 0-59 | 3,4 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.9191 | 9 | 0.9168 | 9 | 10-124 | 0 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 8.074 | 81 | 8.158 | 82 | 80-120 | 1 | 0-20 | |
| Phenol | ND | 10.00 | 6.548 | 65 | 6.624 | 66 | 22-124 | 1 | 0-20 | |
| Pyrene | ND | 10.00 | 8.500 | 85 | 8.435 | 84 | 31-169 | 1 | 0-20 | |
| Pyridine | ND | 10.00 | 9.735 | 97 | 9.721 | 97 | 80-120 | 0 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 7.589 | 76 | 7.525 | 75 | 56-120 | 1 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **L23M24** | **Sample** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 09:42** | **140730S033** |
| **L23M24** | **Matrix Spike** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 10:09** | **140730S033** |
| **L23M24** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS BB** | **07/30/14** | **07/31/14 10:36** | **140730S033** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 54.50 | 109 | 56.74 | 113 | 70-130 | 4 | 0-20 | |
| Benzene | ND | 50.00 | 42.31 | 85 | 40.76 | 82 | 61-127 | 4 | 0-20 | |
| Bromobenzene | ND | 50.00 | 40.47 | 81 | 39.05 | 78 | 70-130 | 4 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 41.67 | 83 | 40.45 | 81 | 70-130 | 3 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 8.028 | 16 | 7.326 | 15 | 70-130 | 9 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 20.51 | 41 | 19.97 | 40 | 70-130 | 3 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 30.85 | 62 | 31.57 | 63 | 70-130 | 2 | 0-20 | 3 |
| 2-Butanone | ND | 50.00 | 41.85 | 84 | 41.57 | 83 | 70-130 | 1 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 29.88 | 60 | 28.79 | 58 | 77-123 | 4 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 32.82 | 66 | 31.61 | 63 | 70-130 | 4 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 34.28 | 69 | 32.55 | 65 | 70-130 | 5 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 22.39 | 45 | 19.64 | 39 | 70-130 | 13 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 39.42 | 79 | 38.29 | 77 | 51-135 | 3 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 39.10 | 78 | 38.28 | 77 | 57-123 | 2 | 0-20 | |
| Chloroethane | ND | 50.00 | 40.20 | 80 | 40.46 | 81 | 70-130 | 1 | 0-20 | |
| Chloroform | ND | 50.00 | 39.84 | 80 | 37.73 | 75 | 70-130 | 5 | 0-20 | |
| Chloromethane | ND | 50.00 | 38.15 | 76 | 42.99 | 86 | 70-130 | 12 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 36.54 | 73 | 34.76 | 70 | 70-130 | 5 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 34.00 | 68 | 32.26 | 65 | 70-130 | 5 | 0-20 | 3 |
| Dibromochloromethane | ND | 50.00 | 10.27 | 21 | 9.437 | 19 | 70-130 | 8 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 0 | 0 | 0 | 0 | 70-130 | 0 | 0-20 | 3 |
| 1,2-Dibromoethane | ND | 50.00 | 40.21 | 80 | 39.45 | 79 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 41.01 | 82 | 39.95 | 80 | 70-130 | 3 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 33.35 | 67 | 32.53 | 65 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 32.59 | 65 | 31.59 | 63 | 70-130 | 3 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 50.00 | 32.49 | 65 | 30.98 | 62 | 70-130 | 5 | 0-20 | 3 |
| Dichlorodifluoromethane | ND | 50.00 | 40.76 | 82 | 41.31 | 83 | 70-130 | 1 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 41.71 | 83 | 40.38 | 81 | 70-130 | 3 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 42.94 | 86 | 41.28 | 83 | 70-130 | 4 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 80.06 | 160 | 76.67 | 153 | 47-143 | 4 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 40.52 | 81 | 38.99 | 78 | 70-130 | 4 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 41.15 | 82 | 39.22 | 78 | 70-130 | 5 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 41.42 | 83 | 40.16 | 80 | 79-115 | 3 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 42.23 | 84 | 40.91 | 82 | 70-130 | 3 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 37.56 | 75 | 35.09 | 70 | 70-130 | 7 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 41.59 | 83 | 38.47 | 77 | 70-130 | 8 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 33.00 | 66 | 31.80 | 64 | 70-130 | 4 | 0-20 | 3 |
| t-1,3-Dichloropropene | ND | 50.00 | 36.16 | 72 | 35.17 | 70 | 70-130 | 3 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 40.74 | 81 | 38.84 | 78 | 57-129 | 5 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 44.98 | 90 | 43.96 | 88 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 39.54 | 79 | 37.82 | 76 | 70-130 | 4 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 32.86 | 66 | 31.39 | 63 | 70-130 | 5 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 43.09 | 86 | 40.97 | 82 | 70-130 | 5 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 43.13 | 86 | 43.20 | 86 | 70-130 | 0 | 0-20 | |
| Naphthalene | ND | 50.00 | 32.58 | 65 | 32.13 | 64 | 70-130 | 1 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 36.97 | 74 | 35.68 | 71 | 70-130 | 4 | 0-20 | |
| Styrene | ND | 50.00 | 39.79 | 80 | 38.41 | 77 | 70-130 | 4 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 18.63 | 37 | 16.94 | 34 | 70-130 | 10 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0 | 0 | 0.1241 | 0 | 70-130 | 0 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 43.51 | 87 | 41.64 | 83 | 70-130 | 4 | 0-20 | |
| Toluene | ND | 50.00 | 40.87 | 82 | 39.20 | 78 | 63-123 | 4 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 24.69 | 49 | 24.56 | 49 | 70-130 | 1 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 24.68 | 49 | 24.58 | 49 | 70-130 | 0 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 42.11 | 84 | 40.51 | 81 | 70-130 | 4 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 0 | 0 | 0.1283 | 0 | 70-130 | 0 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 41.44 | 83 | 38.64 | 77 | 70-130 | 7 | 0-20 | |
| Trichloroethene | ND | 50.00 | 76.92 | 154 | 73.64 | 147 | 44-158 | 4 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 22.37 | 45 | 21.34 | 43 | 70-130 | 5 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 47.05 | 94 | 47.83 | 96 | 70-130 | 2 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 42.06 | 84 | 40.67 | 81 | 70-130 | 3 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 36.57 | 73 | 35.01 | 70 | 70-130 | 4 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.6516 | 1 | 0.9077 | 2 | 70-130 | 33 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 40.64 | 81 | 43.34 | 87 | 49-139 | 6 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 80.58 | 81 | 76.92 | 77 | 70-130 | 5 | 0-20 | |
| o-Xylene | ND | 50.00 | 40.88 | 82 | 39.11 | 78 | 70-130 | 4 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 41.12 | 82 | 39.85 | 80 | 57-123 | 3 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-2066-2** | **Sample** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 21:54** | **140731S031** |
| **14-07-2066-2** | **Matrix Spike** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 22:21** | **140731S031** |
| **14-07-2066-2** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 22:48** | **140731S031** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 89.89 | 180 | 89.40 | 179 | 70-130 | 1 | 0-20 | 3 |
| Benzene | ND | 50.00 | 43.27 | 87 | 41.78 | 84 | 61-127 | 3 | 0-20 | |
| Bromobenzene | ND | 50.00 | 51.16 | 102 | 49.84 | 100 | 70-130 | 3 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 44.48 | 89 | 44.62 | 89 | 70-130 | 0 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 39.11 | 78 | 36.48 | 73 | 70-130 | 7 | 0-20 | |
| Bromoform | ND | 50.00 | 42.15 | 84 | 41.54 | 83 | 70-130 | 1 | 0-20 | |
| Bromomethane | ND | 50.00 | 36.96 | 74 | 39.44 | 79 | 70-130 | 6 | 0-20 | |
| 2-Butanone | ND | 50.00 | 51.39 | 103 | 54.26 | 109 | 70-130 | 5 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 47.76 | 96 | 45.67 | 91 | 77-123 | 4 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 46.44 | 93 | 45.18 | 90 | 70-130 | 3 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 44.55 | 89 | 43.92 | 88 | 70-130 | 1 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 35.33 | 71 | 35.44 | 71 | 70-130 | 0 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 42.55 | 85 | 42.39 | 85 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 45.58 | 91 | 44.37 | 89 | 57-123 | 3 | 0-20 | |
| Chloroethane | ND | 50.00 | 39.58 | 79 | 43.08 | 86 | 70-130 | 8 | 0-20 | |
| Chloroform | ND | 50.00 | 44.15 | 88 | 43.69 | 87 | 70-130 | 1 | 0-20 | |
| Chloromethane | ND | 50.00 | 36.91 | 74 | 42.90 | 86 | 70-130 | 15 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 46.44 | 93 | 45.26 | 91 | 70-130 | 3 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 43.96 | 88 | 42.76 | 86 | 70-130 | 3 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 41.40 | 83 | 39.65 | 79 | 70-130 | 4 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 26.22 | 52 | 19.12 | 38 | 70-130 | 31 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 49.56 | 99 | 48.75 | 97 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 45.30 | 91 | 44.52 | 89 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 47.01 | 94 | 46.57 | 93 | 35-131 | 1 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 45.49 | 91 | 44.46 | 89 | 70-130 | 2 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 45.79 | 92 | 44.87 | 90 | 70-130 | 2 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 41.51 | 83 | 44.38 | 89 | 70-130 | 7 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 41.17 | 82 | 41.01 | 82 | 70-130 | 0 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 47.77 | 96 | 47.70 | 95 | 70-130 | 0 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 59.09 | 118 | 62.43 | 125 | 47-143 | 6 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 42.29 | 85 | 41.75 | 84 | 70-130 | 1 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 41.70 | 83 | 41.28 | 83 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 42.78 | 86 | 42.20 | 84 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 47.25 | 94 | 45.91 | 92 | 70-130 | 3 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 44.47 | 89 | 43.63 | 87 | 70-130 | 2 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 12 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 42.59 | 85 | 41.85 | 84 | 70-130 | 2 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 45.31 | 91 | 44.73 | 89 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 48.70 | 97 | 48.16 | 96 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 47.05 | 94 | 45.08 | 90 | 57-129 | 4 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 48.92 | 98 | 49.00 | 98 | 70-130 | 0 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 49.30 | 99 | 47.22 | 94 | 70-130 | 4 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 47.50 | 95 | 45.94 | 92 | 70-130 | 3 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 43.96 | 88 | 44.25 | 88 | 70-130 | 1 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 64.66 | 129 | 65.26 | 131 | 70-130 | 1 | 0-20 | 3 |
| Naphthalene | ND | 50.00 | 51.22 | 102 | 51.73 | 103 | 70-130 | 1 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 48.81 | 98 | 46.81 | 94 | 70-130 | 4 | 0-20 | |
| Styrene | ND | 50.00 | 48.70 | 97 | 47.63 | 95 | 70-130 | 2 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 43.64 | 87 | 42.39 | 85 | 70-130 | 3 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 3.487 | 7 | 0.1889 | 0 | 70-130 | 179 | 0-20 | 3,4 |
| Tetrachloroethene | ND | 50.00 | 52.04 | 104 | 50.48 | 101 | 70-130 | 3 | 0-20 | |
| Toluene | ND | 50.00 | 44.58 | 89 | 44.43 | 89 | 63-123 | 0 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 48.96 | 98 | 49.08 | 98 | 70-130 | 0 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 50.01 | 100 | 48.99 | 98 | 70-130 | 2 | 0-20 | |
| 1,1,1-Trichloroethane | ND | 50.00 | 44.65 | 89 | 43.13 | 86 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 29.19 | 58 | 23.11 | 46 | 70-130 | 23 | 0-20 | 3,4 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 43.24 | 86 | 42.50 | 85 | 70-130 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 71.65 | 143 | 71.01 | 142 | 44-158 | 1 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 51.49 | 103 | 48.12 | 96 | 70-130 | 7 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 47.48 | 95 | 45.59 | 91 | 70-130 | 4 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 45.92 | 92 | 45.88 | 92 | 70-130 | 0 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 48.98 | 98 | 47.56 | 95 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.1535 | 0 | 1.576 | 3 | 70-130 | 165 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 38.51 | 77 | 44.99 | 90 | 49-139 | 16 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 95.70 | 96 | 91.61 | 92 | 70-130 | 4 | 0-20 | |
| o-Xylene | ND | 50.00 | 48.39 | 97 | 46.82 | 94 | 70-130 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 44.71 | 89 | 45.08 | 90 | 57-123 | 1 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **P17Q18** | **Sample** | **Concrete** | **ICP 7300** | **07/31/14 00:00** | **07/31/14 18:46** | **140731S02** |
| **P17Q18** | **PDS** | **Concrete** | **ICP 7300** | **07/31/14 00:00** | **07/31/14 18:50** | **140731S02** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 21.98 | 88 | 75-125 | |
| Arsenic | 1.234 | 25.00 | 25.32 | 96 | 75-125 | |
| Barium | 160.1 | 25.00 | 183.8 | 4X | 75-125 | Q |
| Beryllium | 0.2771 | 25.00 | 27.19 | 108 | 75-125 | |
| Cadmium | ND | 25.00 | 24.55 | 98 | 75-125 | |
| Chromium | 8.624 | 25.00 | 33.99 | 101 | 75-125 | |
| Cobalt | 5.087 | 25.00 | 30.93 | 103 | 75-125 | |
| Copper | 11.59 | 25.00 | 39.05 | 110 | 75-125 | |
| Lead | 5.177 | 25.00 | 28.96 | 95 | 75-125 | |
| Molybdenum | ND | 25.00 | 25.24 | 101 | 75-125 | |
| Nickel | 5.985 | 25.00 | 29.82 | 95 | 75-125 | |
| Selenium | ND | 25.00 | 22.37 | 89 | 75-125 | |
| Silver | ND | 12.50 | 12.65 | 101 | 75-125 | |
| Thallium | ND | 25.00 | 20.60 | 82 | 75-125 | |
| Vanadium | 27.13 | 25.00 | 53.52 | 106 | 75-125 | |
| Zinc | 52.90 | 25.00 | 76.03 | 92 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **P17Q18** | **Sample** | **Concrete** | **Mercury 04** | **08/01/14 00:00** | **08/01/14 21:14** | **140801S06** |
| **P17Q18** | **PDS** | **Concrete** | **Mercury 04** | **08/04/14 00:00** | **08/04/14 13:46** | **140801S06** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9299 | 111 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2696** | **LCS** | **Solid** | **IC 11** | **08/01/14** | **08/01/14 21:49** | **140801L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 21050 | 105 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2698** | **LCS** | **Solid** | **IC 11** | **08/01/14** | **08/02/14 01:10** | **140801L02P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20650 | 103 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1061** | **LCS** | **Solid** | **GC 47** | **07/31/14** | **08/01/14 12:37** | **140731B06** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 367.3 | 92 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18680** | **LCS** | **Solid** | **ICP 7300** | **07/31/14** | **07/31/14 18:42** | **140731L02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 26.42 | 106 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 24.91 | 100 | 80-120 | 73-127 | |
| Barium | 25.00 | 27.52 | 110 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 26.07 | 104 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.62 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.95 | 108 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 29.58 | 118 | 80-120 | 73-127 | |
| Copper | 25.00 | 27.06 | 108 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.28 | 105 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.81 | 103 | 80-120 | 73-127 | |
| Nickel | 25.00 | 27.75 | 111 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.35 | 93 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.18 | 105 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.73 | 107 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.93 | 108 | 80-120 | 73-127 | |
| Zinc | 25.00 | 25.66 | 103 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-25** | **LCS** | **Solid** | **Mercury 04** | **08/01/14** | **08/01/14 21:12** | **140801L06D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.7213 | 86 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2782** | **LCS** | **Solid** | **GC 31** | **08/01/14** | **08/02/14 19:01** | **140801L19** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 104.8 | 105 | 50-135 | |
| Aroclor-1260 | 100.0 | 103.6 | 104 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/29/14
Work Order: 14-07-1980
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-13** | **LCS** | **Solid** | **GC/MS CCC** | **08/07/14** | **08/08/14 10:24** | **140807L06** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.763 | 88 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 8.896 | 89 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.741 | 87 | 52-120 | 41-131 | |
| Aniline | 10.00 | 8.882 | 89 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.708 | 87 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 8.959 | 90 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 12.70 | 127 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.272 | 93 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 8.686 | 87 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 8.297 | 83 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 9.188 | 92 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 7.662 | 77 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 1.784 | 18 | 50-130 | 37-143 | X |
| Benzyl Alcohol | 10.00 | 9.412 | 94 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 8.544 | 85 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 8.455 | 85 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 9.800 | 98 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.200 | 92 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.060 | 81 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.450 | 95 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 9.078 | 91 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 8.600 | 86 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 8.552 | 86 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 9.405 | 94 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 7.464 | 75 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 8.959 | 90 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 8.463 | 85 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 8.992 | 90 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 9.188 | 92 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 8.514 | 85 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 8.391 | 84 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 8.306 | 83 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 8.272 | 83 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 8.584 | 86 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.921 | 89 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 8.380 | 84 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 8.492 | 85 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 9.249 | 92 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | Page 8 of 12 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 8.191 | 82 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 5.725 | 57 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 9.298 | 93 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 9.062 | 91 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 8.540 | 85 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 8.229 | 82 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 7.813 | 78 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.865 | 89 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 8.412 | 84 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.284 | 83 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 9.575 | 96 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 8.610 | 86 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.032 | 90 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 8.453 | 85 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 9.374 | 94 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 18.53 | 93 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 8.802 | 88 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 8.369 | 84 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 10.30 | 103 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 8.596 | 86 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 9.767 | 98 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.628 | 96 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 10.22 | 102 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 8.615 | 86 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.715 | 97 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.922 | 89 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 7.459 | 75 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 8.846 | 88 | 54-120 | 43-131 | |
| Phenol | 10.00 | 9.421 | 94 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 10.21 | 102 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 10.77 | 108 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 8.077 | 81 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.192 | 82 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 7.886 | 79 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-356** | **LCS** | **Solid** | **GC/MS BB** | **07/30/14** | **07/31/14 07:55** | **140730L058** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 50.41 | 101 | 70-130 | 60-140 | |
| Benzene | 50.00 | 48.32 | 97 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 48.07 | 96 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 49.70 | 99 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 43.96 | 88 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 46.28 | 93 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 42.68 | 85 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 49.50 | 99 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 46.68 | 93 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 48.04 | 96 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 47.78 | 96 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 49.77 | 100 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 39.80 | 80 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 47.22 | 94 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 53.62 | 107 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 46.95 | 94 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 56.04 | 112 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 45.16 | 90 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 45.77 | 92 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 44.38 | 89 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 45.82 | 92 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 50.69 | 101 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 44.43 | 89 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 48.45 | 97 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 46.20 | 92 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 46.49 | 93 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 41.12 | 82 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 51.37 | 103 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 44.66 | 89 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 47.63 | 95 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 49.49 | 99 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 49.44 | 99 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 49.79 | 100 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.95 | 102 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 40.20 | 80 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 46.00 | 92 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 47.57 | 95 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 48.02 | 96 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 12 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 47.26 | 95 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 52.00 | 104 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 46.93 | 94 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 47.12 | 94 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 53.85 | 108 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 54.65 | 109 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 52.42 | 105 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 46.03 | 92 | 70-130 | 60-140 | |
| Styrene | 50.00 | 49.64 | 99 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 46.13 | 92 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 53.96 | 108 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 48.15 | 96 | 70-130 | 60-140 | |
| Toluene | 50.00 | 47.40 | 95 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 46.08 | 92 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 44.67 | 89 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 43.18 | 86 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 50.80 | 102 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 45.69 | 91 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 45.45 | 91 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 48.23 | 96 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 47.45 | 95 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 40.93 | 82 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 45.56 | 91 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 54.78 | 110 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 52.25 | 105 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 93.71 | 94 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 47.42 | 95 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 50.06 | 100 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits



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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 11 of 12 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-360** | **LCS** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 20:01** | **140731L058** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 50.88 | 102 | 70-130 | 60-140 | |
| Benzene | 50.00 | 46.50 | 93 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 52.48 | 105 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 49.99 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 47.24 | 94 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.06 | 98 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 44.41 | 89 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 48.64 | 97 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 50.00 | 100 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.05 | 98 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 49.63 | 99 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.56 | 89 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 44.39 | 89 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.26 | 97 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 45.43 | 91 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 47.57 | 95 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 45.85 | 92 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 47.84 | 96 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 47.00 | 94 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 52.62 | 105 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 46.92 | 94 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.89 | 100 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 48.82 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 43.68 | 87 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 48.08 | 96 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 48.00 | 96 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 46.17 | 92 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 47.11 | 94 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 46.87 | 94 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 46.86 | 94 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 45.42 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 46.26 | 93 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 51.19 | 102 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/29/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-1980 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 12 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 49.73 | 99 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.11 | 102 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 50.00 | 100 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.58 | 103 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.94 | 102 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 53.22 | 106 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.52 | 99 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.10 | 102 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 48.62 | 97 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 51.94 | 104 | 70-130 | 60-140 | |
| Toluene | 50.00 | 47.57 | 95 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 51.87 | 104 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 45.89 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 50.18 | 100 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 45.97 | 92 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 48.55 | 97 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 52.52 | 105 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 49.69 | 99 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 46.02 | 92 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.06 | 100 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 55.56 | 111 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 48.39 | 97 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.38 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.55 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.58 | 97 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 14-07-1980 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 811 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 04 | 1 |
| EPA 8015B (M) | EPA 3550B | 628 | GC 47 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 31 | 1 |
| EPA 8260B | EPA 5030C | 796 | GC/MS BB | 2 |
| EPA 8260B | EPA 5030C | 823 | GC/MS BB | 2 |
| EPA 8270C | EPA 3545 | 449 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-07-1980 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-1980

Date: 7.29.14

Page: 2 of 2

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:
COC re-submitted with edits on 07/30/2014

S. Boston

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015m | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6+ 7199 | Metals (Comm17) 6020/7000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | F23 G24 | 7.29.14 | 1130 | Conc Core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X |
| 12 | P17 Q18 | | 1205 | | | | | | | | | | | | | | | | | | | | | |
| 13 | P15 Q16 | | 1215 | | | | | | | | | | | | | | | | | | | | | |
| 14 | O14 Q15 | | 1240 | | | | | | | | | | | | | | | | | | | | | |
| 15 | N15 O16 | | 1230 | | | | | | | | | | | | | | | | | | | | | |
| 16 | M13 N14 | | 1300 | | | | | | | | | | | | | | | | | | | | | |
| 17 | ~~P18 Q19~~ P18R19 | SAB | 1320 | | | | | | | | | | | | | | | | | | | | | |
| 18 | Q24 R25 | ↓ | 1345 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/29/14 | Time: 13:50 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) Danny G ECL | Date: 7/29/14 | Time: 17:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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SAMPLER(S): (PRINT) M. Simpson

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☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L23 M24 | 7.29.14 | 0800 | Comp Core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 2 | L21 M22 | | 0830 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | M20 N21 | | 0850 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | M19 N20 | | 0900 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | M21 N22 | | 0920 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | N22 O23 | | 0940 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | P18 Q19 | | 1000 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | P21 Q22 | | 1010 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | H24 J25 | | 1050 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | H23 J24 | | 1110 | | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/29/14 | Time: 13:50 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/29/14 | Time: 17:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | F23 G24 | 7.29.14 | 1130 | Core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 12 | P17 Q18 | | 1205 | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | P15 Q16 | | 1215 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | O14 Q15 | | 1240 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | N15 O16 | | 1230 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | M13 N14 | | 1300 | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | P18 Q19 | | 1320 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Q24 R25 | ↓ | 1345 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
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|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/29/14 | Time: 13:50 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) Danny Le ECL | Date: 7/29/14 | Time: 17:30 |
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WORK ORDER #: 14-07-1980

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: HALEY & ALDRICH

DATE: 07/29/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.5 °C - 0.3 °C (CF) = 3.2 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 804

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 862

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑Z_____

**Aqueous:** ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 862

**Container:** **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope Reviewed by: SR

**Preservative:** **h:** HCL **n:** $HNO_3$ **na$_2$:** $Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered Scanned by: SR

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# WORK ORDER NUMBER: 14-07-2066

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/18/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park / 32594-506
Work Order Number: 14-07-2066


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# Work Order Narrative

Work Order: 14-07-2066 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/30/14. They were assigned to Work Order 14-07-2066.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/30/14 17:45 |
| | | Number of Containers: | 24 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| Q15R16 | 14-07-2066-1 | 07/30/14 07:30 | 1 | Concrete |
| Q16R17 | 14-07-2066-2 | 07/30/14 07:45 | 1 | Concrete |
| R32S33 | 14-07-2066-3 | 07/30/14 08:05 | 1 | Concrete |
| Q32R33 | 14-07-2066-4 | 07/30/14 08:15 | 1 | Concrete |
| Q31R32 | 14-07-2066-5 | 07/30/14 08:25 | 1 | Concrete |
| O32Q33 | 14-07-2066-6 | 07/30/14 09:00 | 1 | Concrete |
| N30O31 | 14-07-2066-7 | 07/30/14 09:10 | 1 | Concrete |
| M32N33 | 14-07-2066-8 | 07/30/14 09:20 | 1 | Concrete |
| N26O29 | 14-07-2066-9 | 07/30/14 09:30 | 1 | Concrete |
| N24O25 | 14-07-2066-10 | 07/30/14 09:40 | 1 | Concrete |
| N29O30 | 14-07-2066-11 | 07/30/14 08:40 | 1 | Concrete |
| J31K32 | 14-07-2066-12 | 07/30/14 11:15 | 1 | Concrete |
| F31G32 | 14-07-2066-13 | 07/30/14 11:30 | 1 | Concrete |
| F32G33 | 14-07-2066-14 | 07/30/14 11:40 | 1 | Concrete |
| H29J30 | 14-07-2066-15 | 07/30/14 11:50 | 1 | Concrete |
| G29H30 | 14-07-2066-16 | 07/30/14 12:00 | 1 | Concrete |
| D29E30 | 14-07-2066-17 | 07/30/14 12:40 | 1 | Concrete |
| D30E31 | 14-07-2066-18 | 07/30/14 12:50 | 1 | Concrete |
| A30C31 | 14-07-2066-19 | 07/30/14 13:00 | 1 | Concrete |
| A32C33 | 14-07-2066-20 | 07/30/14 13:10 | 1 | Concrete |
| AB32AA33 | 14-07-2066-21 | 07/30/14 13:20 | 1 | Concrete |
| AC32AB33 | 14-07-2066-22 | 07/30/14 13:30 | 1 | Concrete |
| AF32AE33 | 14-07-2066-23 | 07/30/14 13:40 | 1 | Concrete |
| AB30AA31 | 14-07-2066-24 | 07/30/14 13:50 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/30/14 |
| Attn: | Scott Boston | | Page 1 of 21 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Q15R16 (14-07-2066-1) | | | | | | |
| Arsenic | 3.19 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 81.9 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.236 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 16.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 7.34 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 14.6 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.74 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.231 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.09 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.303 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.9 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 28.4 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0133 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C8 | 23 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 4.6 | J | 3.1* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 3.1 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 2.8 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 43 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Ethylbenzene | 510 | J | 76* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 760 | J | 270* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 740 | J | 410* | ug/kg | EPA 8260B | EPA 5030C |
| Styrene | 64000 | | 2500 | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1300 | J | 260* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 190 | J | 130* | ug/kg | EPA 8260B | EPA 5030C |
| Aniline | 0.13 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 7.8 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Q16R17 (14-07-2066-2) | | | | | | |
| Arsenic | 1.27 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 131 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.255 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.146 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.9 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.98 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.92 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.07 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.147 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.61 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.332 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.5 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 26.5 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 840 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0190 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 49 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 5.7 | J | 3.9* | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 14 | J | 4.4* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.28 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.33 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.31 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| R32S33 (14-07-2066-3) | | | | | | |
| Arsenic | 2.27 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 150 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.250 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.200 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 35.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.23 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.4 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.645 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 8.07 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.232 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 25.0 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.7 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0298 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C21-C22 | 2.3 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 21 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 9.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 1.7 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 57 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 19 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 46 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.24 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Q32R33 (14-07-2066-4) | | | | | | |
| Arsenic | 2.08 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 112 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.227 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.80 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.41 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.2 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.677 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.229 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.10 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.189 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.8 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 48.3 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0264 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Q31R32 (14-07-2066-5) | | | | | | |
| Arsenic | 1.91 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 142 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.200 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.140 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 47.4 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.30 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 23.1 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.02 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.147 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.82 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.202 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.2 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 51.7 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 12000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0338 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 47 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.2 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.19 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.1 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.0 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 1.7 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.24 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| O32Q33 (14-07-2066-6) | | | | | | |
| Arsenic | 0.481 | J | 0.264* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 93.8 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.237 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.183 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.5 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.74 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.2 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.91 | | 0.510 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.564 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.32 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.353 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.255 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.2 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0356 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C23-C24 | 2.0 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 2.8 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 6.9 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| tert-Butylbenzene | 0.28 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N30O31 (14-07-2066-7) | | | | | | |
| Arsenic | 0.552 | J | 0.253* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 113 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.230 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.232 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.44 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.62 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.7 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.54 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.144 | J | 0.129* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.78 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.282 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.6 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 54.0 | | 0.976 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0197 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 28 | B,J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.17 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 0.81 | J | 0.59* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.85 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.22 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| M32N33 (14-07-2066-8) | | | | | | |
| Arsenic | 1.58 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 98.0 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.181 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.20 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.86 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.5 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.12 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.426 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.15 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.166 | J | 0.0861* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.1 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 42.0 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0152 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 3.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 8.2 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 22 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 31 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 36 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 21 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 10 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 2.0 | J | 1.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 130 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 120 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 39 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 7.2 | B,J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 1.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.49 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.21 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N26O29 (14-07-2066-9) | | | | | | |
| Arsenic | 1.98 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 104 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.239 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.397 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.6 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.49 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.63 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.98 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.955 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.58 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.302 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.6 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 820 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0239 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C23-C24 | 3.4 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 6.2 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 9.6 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 8.3 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.4 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 30 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 50 | B,J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.0 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.21 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N24O25 (14-07-2066-10) | | | | | | |
| Arsenic | 2.39 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 126 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.219 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.1 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.49 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.97 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 4.45 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.416 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.36 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.347 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 30.4 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 850 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0232 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 18 | B,J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N29O30 (14-07-2066-11) | | | | | | |
| Arsenic | 0.351 | J | 0.260* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 90.5 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.206 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.66 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.10 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.49 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.95 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 3.91 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.175 | J | 0.0861* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.5 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.5 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0161 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| Aroclor-1254 | 17 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 27 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 49 | B,J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.23 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.51 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.54 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 3.1 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 1.2 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 2.2 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 0.94 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.51 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J31K32 (14-07-2066-12) | | | | | | |
| Arsenic | 1.35 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 106 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.231 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.4 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.71 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.7 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.67 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.143 | J | 0.129* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.73 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.329 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.8 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.2 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0637 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.1 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 180 | B | 130 | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 7.6 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| 4-Methyl-2-Pentanone | 5.2 | J | 4.4* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1.9 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.68 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.13 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.22 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/30/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F31G32 (14-07-2066-13) | | | | | | |
| Arsenic | 0.638 | J | 0.267* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.8 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.175 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.08 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.08 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.0 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 6.89 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.244 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.03 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.225 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 11.9 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 42.7 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 950 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0146 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C13-C14 | 2.0 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 5.4 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 11 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 42 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 52 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 85 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 130 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 150 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 110 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 54 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 23 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 660 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 93 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 420 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 97 | B,J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.15 | J | 0.14* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 12 | J | 3.9* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 2.9 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.40 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.24 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.38 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F32G33 (14-07-2066-14) | | | | | | |
| Arsenic | 1.42 | | 0.754 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 116 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.236 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.90 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.28 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.60 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.40 | | 0.503 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.428 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.99 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.207 | J | 0.0861* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 23.9 | | 0.251 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 30.1 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 140 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0237 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 7.5 | B,J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H29J30 (14-07-2066-15) | | | | | | |
| Arsenic | 2.89 | | 0.743 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 124 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.208 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.55 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.47 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 13.1 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.57 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.01 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.188 | J | 0.0849* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.8 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 29.6 | | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0148 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C17-C18 | 6.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 36 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 67 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 180 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 300 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 380 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 290 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 170 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C41-C44 | 75 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 1500 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 140 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 140 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 37 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 72 | B,J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 12 | J | 3.9* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.21 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 8.7 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| Tetrachloroethene | 8.0 | | 5.1 | ug/kg | EPA 8260B | EPA 5030C |
| 1,1,1-Trichloroethane | 1.8 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 1.4 | J | 0.36* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.6 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/30/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G29H30 (14-07-2066-16) | | | | | | |
| Arsenic | 0.543 | J | 0.248* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 64.0 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.163 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.236 | J | 0.130* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.15 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.12 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 21.6 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.76 | | 0.478 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.531 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.67 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.264 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 10.4 | | 0.239 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.3 | | 0.957 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0319 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C25-C28 | 3.5 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 9.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 7.6 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 13 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 21 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 46 | B,J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.7 | J | 3.6* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.29 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.40 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.32 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/30/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D29E30 (14-07-2066-17) | | | | | | |
| Arsenic | 0.549 | J | 0.263* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 112 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.267 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.391 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.11 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.11 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 43.9 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.77 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.978 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.96 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.293 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.3 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.1 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Mercury | 0.0214 | J | 0.00618* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 68 | B,J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.16 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.5 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.18 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.2 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.77 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.26 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D30E31 (14-07-2066-18) | | | | | | |
| Arsenic | 0.836 | | 0.725 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 117 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.273 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.351 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.65 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.78 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.6 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.5 | | 0.483 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.251 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.95 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.283 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.7 | | 0.242 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 56.1 | | 0.966 | mg/kg | EPA 6010B | EPA 3050B |
| Mercury | 0.0144 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 2.6 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 2.6 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.2 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 7.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 77 | B,J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 3.8 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 1.8 | J | 1.8* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.32 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A30C31 (14-07-2066-19) | | | | | | |
| Barium | 157 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.448 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.224 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 27.4 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 7.37 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.1 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.478 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 12.8 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.108 | J | 0.0884* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 31.4 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.1 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 71 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0141 | J | 0.00618* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 110 | B,J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 5.4 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.25 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/30/14 |
| Attn: | Scott Boston | | Page 19 of 21 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A32C33 (14-07-2066-20) | | | | | | |
| Arsenic | 0.927 | | 0.732 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 83.6 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.219 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.42 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 3.91 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 20.1 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.26 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 3.97 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.180 | J | 0.0836* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.1 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 43.9 | | 0.976 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 84 | J | 29* | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0306 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C23-C24 | 3.1 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.9 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 4.6 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 3.1 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 16 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 12 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 110 | B,J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 24 | J | 3.7* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Hexanone | 6.0 | J | 1.7* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.40 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2066<br>UTC Canoga Park / 32594-506<br>07/30/14 |
| Attn: | Scott Boston | | Page 20 of 21 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AB32AA33 (14-07-2066-21) | | | | | | |
| Arsenic | 3.83 | | 0.769 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 102 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.208 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.98 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.73 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 13.4 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.43 | | 0.513 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.428 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 14.9 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.185 | J | 0.0879* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 29.9 | | 0.256 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 27.8 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0152 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 150 | | 120 | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.19 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.74 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.3 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.49 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| AC32AB33 (14-07-2066-22) | | | | | | |
| Arsenic | 3.42 | | 0.735 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 103 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.230 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 12.9 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.70 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 15.8 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.50 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.321 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 14.3 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.187 | J | 0.0840* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 25.0 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 36.2 | | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3500 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0901 | | 0.0833 | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 23 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.32 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2066 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/30/14 |
| Attn: | Scott Boston | | Page 21 of 21 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AF32AE33 (14-07-2066-23) | | | | | | |
| Arsenic | 1.30 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 132 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.254 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.203 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 14.2 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.76 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.2 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.22 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.282 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.52 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.309 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.8 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 28.2 | | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3900 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0220 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 9.3 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| AB30AA31 (14-07-2066-24) | | | | | | |
| Arsenic | 11.0 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 92.1 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.345 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.222 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 14.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.22 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 12.4 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.92 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.561 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 16.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.436 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 36.5 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 44.9 | | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0296 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 30 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |

Subcontracted analyses, if any, are not included in this summary.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 12:55** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:26** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 840 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:32** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:39** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:45** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 12000 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:35** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3900 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:57** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:04** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:10** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 820 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24O25** | **14-07-2066-10-A** | **07/30/14 09:40** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:16** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 850 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:51** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:41** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3200 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:47** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 950 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 14:54** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 140 | 400 | 29 | 10.0 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:00** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:06** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:12** | **140802L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:19** | **140802L01P** |

Comment(s): - The reporting limit is elevated resulting from matrix interference.
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:25** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 71 | 400 | 29 | 10.0 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:31** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 84 | 400 | 29 | 10.0 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **IC 11** | **08/04/14** | **08/04/14 23:19** | **140804L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **IC 11** | **08/04/14** | **08/04/14 23:25** | **140804L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3500 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **IC 11** | **08/04/14** | **08/04/14 23:32** | **140804L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3900 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **IC 11** | **08/04/14** | **08/04/14 23:38** | **140804L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1400 | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2699** | **N/A** | **Solid** | **IC 11** | **08/02/14** | **08/02/14 12:41** | **140802L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2697** | **N/A** | **Solid** | **IC 11** | **08/04/14** | **08/04/14 20:40** | **140804L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 10:58** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | 23 | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 4.6 | 5.0 | 3.1 | 1.00 | J |
| C11-C12 | 3.1 | 5.0 | 1.7 | 1.00 | J |
| C13-C14 | 9.0 | 5.0 | 1.8 | 1.00 | |
| C15-C16 | 2.8 | 5.0 | 1.8 | 1.00 | J |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 43 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 22 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 11:16** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 20 | 61-145 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 11:33** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 2.3 | 5.0 | 1.8 | 1.00 | J |
| C23-C24 | 6.9 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 15 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 21 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 9.9 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 1.7 | 5.0 | 1.6 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 57 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 23 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 11:50** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 22 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 12:25** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.1 | 0.21 | 1.00 | |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.1 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.1 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.1 | 1.9 | 1.00 | |
| C21-C22 | ND | 5.1 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.1 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.1 | 2.5 | 1.00 | |
| C29-C32 | ND | 5.1 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.1 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 21 | 61-145 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 12:43** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 2.0 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 2.8 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 24 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 13:01** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 15 | 61-145 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 13:18** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 3.9 | 4.9 | 1.8 | 1.00 | J |
| C21-C22 | 8.2 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 22 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 31 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 36 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 21 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 10 | 4.9 | 1.6 | 1.00 | |
| C41-C44 | 2.0 | 4.9 | 1.5 | 1.00 | J |
| C6-C44 Total | 130 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 23 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 13:35** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 3.4 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 6.2 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 9.6 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 8.3 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 2.4 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 30 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 21 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24O25** | **14-07-2066-10-A** | **07/30/14 09:40** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 13:52** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 16 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 11 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 14:09** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 15 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 14:27** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.1 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 24 | 61-145 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 15:03** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.1 | 0.21 | 1.00 | |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | 2.0 | 5.1 | 1.8 | 1.00 | J |
| C15-C16 | 5.4 | 5.1 | 1.8 | 1.00 | |
| C17-C18 | 11 | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 42 | 5.1 | 1.9 | 1.00 | |
| C21-C22 | 52 | 5.1 | 1.8 | 1.00 | |
| C23-C24 | 85 | 5.1 | 1.7 | 1.00 | |
| C25-C28 | 130 | 5.1 | 2.5 | 1.00 | |
| C29-C32 | 150 | 5.1 | 2.4 | 1.00 | |
| C33-C36 | 110 | 5.1 | 2.6 | 1.00 | |
| C37-C40 | 54 | 5.1 | 1.6 | 1.00 | |
| C41-C44 | 23 | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 660 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 26 | 61-145 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 14 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 15:21** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 22 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 15:38** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 6.2 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 36 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 67 | 5.0 | 1.8 | 1.00 | |
| C23-C24 | 180 | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 300 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 380 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 290 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 170 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | 75 | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 1500 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 27 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 16 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 15:55** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | 3.5 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 6.0 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 9.8 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 7.6 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 27 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 28 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 17 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 16:12** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 29 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 16:29** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 2.6 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 2.6 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 2.2 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 7.3 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 26 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 16:47** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 19 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 20 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 17:05** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 3.1 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 4.9 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 4.6 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | 3.1 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 16 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 19 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **GC 48** | **08/01/14** | **08/02/14 00:13** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 46 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **GC 48** | **08/01/14** | **08/02/14 00:29** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 68 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 23 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **GC 48** | **08/01/14** | **08/02/14 00:45** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 52 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **GC 48** | **08/01/14** | **08/02/14 01:00** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.6 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 54 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 25 of 26 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1063** | **N/A** | **Solid** | **GC 46** | **08/01/14** | **08/02/14 09:47** | **140801B08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 92 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1060** | **N/A** | **Solid** | **GC 48** | **08/01/14** | **08/01/14 18:26** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 76 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:36** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 3.19 | 0.758 | 0.262 | 1.01 | |
| Barium | 81.9 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.236 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 16.5 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 7.34 | 0.253 | 0.150 | 1.01 | |
| Copper | 14.6 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.74 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.231 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 6.09 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.303 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 20.9 | 0.253 | 0.143 | 1.01 | |
| Zinc | 28.4 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:37** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 1.27 | 0.754 | 0.260 | 1.01 | |
| Barium | 131 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.255 | 0.251 | 0.138 | 1.01 | |
| Cadmium | 0.146 | 0.503 | 0.136 | 1.01 | J |
| Chromium | 12.9 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 4.98 | 0.251 | 0.149 | 1.01 | |
| Copper | 8.92 | 0.503 | 0.135 | 1.01 | |
| Lead | 2.07 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.147 | 0.251 | 0.133 | 1.01 | J |
| Nickel | 4.61 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.332 | 0.251 | 0.0861 | 1.01 | |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 22.5 | 0.251 | 0.142 | 1.01 | |
| Zinc | 26.5 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:39** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 2.27 | 0.758 | 0.262 | 1.01 | |
| Barium | 150 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.250 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | 0.200 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 35.5 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 6.23 | 0.253 | 0.150 | 1.01 | |
| Copper | 23.4 | 0.505 | 0.136 | 1.01 | |
| Lead | 0.645 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | ND | 0.253 | 0.133 | 1.01 | |
| Nickel | 8.07 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.232 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 25.0 | 0.253 | 0.143 | 1.01 | |
| Zinc | 55.7 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:58** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 2.08 | 0.758 | 0.262 | 1.01 | |
| Barium | 112 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.227 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 8.80 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 5.41 | 0.253 | 0.150 | 1.01 | |
| Copper | 23.2 | 0.505 | 0.136 | 1.01 | |
| Lead | 0.677 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.229 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 5.10 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.189 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 21.8 | 0.253 | 0.143 | 1.01 | |
| Zinc | 48.3 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:00** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.91 | 0.750 | 0.259 | 1.00 | |
| Barium | 142 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.200 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | 0.140 | 0.500 | 0.135 | 1.00 | J |
| Chromium | 47.4 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 6.30 | 0.250 | 0.148 | 1.00 | |
| Copper | 23.1 | 0.500 | 0.135 | 1.00 | |
| Lead | 1.02 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.147 | 0.250 | 0.132 | 1.00 | J |
| Nickel | 5.82 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.202 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 22.2 | 0.250 | 0.141 | 1.00 | |
| Zinc | 51.7 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:01** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.765 | 0.152 | 1.02 | |
| Arsenic | 0.481 | 0.765 | 0.264 | 1.02 | J |
| Barium | 93.8 | 0.510 | 0.158 | 1.02 | |
| Beryllium | 0.237 | 0.255 | 0.140 | 1.02 | J |
| Cadmium | 0.183 | 0.510 | 0.138 | 1.02 | J |
| Chromium | 12.5 | 0.255 | 0.145 | 1.02 | |
| Cobalt | 4.74 | 0.255 | 0.151 | 1.02 | |
| Copper | 28.2 | 0.510 | 0.137 | 1.02 | |
| Lead | 6.91 | 0.510 | 0.134 | 1.02 | |
| Molybdenum | 0.564 | 0.255 | 0.135 | 1.02 | |
| Nickel | 6.32 | 0.255 | 0.148 | 1.02 | |
| Selenium | ND | 0.765 | 0.306 | 1.02 | |
| Silver | 0.353 | 0.255 | 0.0875 | 1.02 | |
| Thallium | ND | 0.765 | 0.155 | 1.02 | |
| Vanadium | 18.9 | 0.255 | 0.144 | 1.02 | |
| Zinc | 52.2 | 1.02 | 0.181 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:02** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | 0.552 | 0.732 | 0.253 | 0.976 | J |
| Barium | 113 | 0.488 | 0.151 | 0.976 | |
| Beryllium | 0.230 | 0.244 | 0.134 | 0.976 | J |
| Cadmium | 0.232 | 0.488 | 0.132 | 0.976 | J |
| Chromium | 8.44 | 0.244 | 0.139 | 0.976 | |
| Cobalt | 4.62 | 0.244 | 0.144 | 0.976 | |
| Copper | 29.7 | 0.488 | 0.131 | 0.976 | |
| Lead | 1.54 | 0.488 | 0.128 | 0.976 | |
| Molybdenum | 0.144 | 0.244 | 0.129 | 0.976 | J |
| Nickel | 5.78 | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | 0.282 | 0.244 | 0.0836 | 0.976 | |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | 18.6 | 0.244 | 0.138 | 0.976 | |
| Zinc | 54.0 | 0.976 | 0.173 | 0.976 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:03** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 1.58 | 0.754 | 0.260 | 1.01 | |
| Barium | 98.0 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.181 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 7.20 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 5.86 | 0.251 | 0.149 | 1.01 | |
| Copper | 21.5 | 0.503 | 0.135 | 1.01 | |
| Lead | 1.12 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.426 | 0.251 | 0.133 | 1.01 | |
| Nickel | 5.15 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.166 | 0.251 | 0.0861 | 1.01 | J |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 22.1 | 0.251 | 0.142 | 1.01 | |
| Zinc | 42.0 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:04** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.98 | 0.758 | 0.262 | 1.01 | |
| Barium | 104 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.239 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | 0.397 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 12.6 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.49 | 0.253 | 0.150 | 1.01 | |
| Copper | 9.63 | 0.505 | 0.136 | 1.01 | |
| Lead | 3.98 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.955 | 0.253 | 0.133 | 1.01 | |
| Nickel | 5.58 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.302 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 22.5 | 0.253 | 0.143 | 1.01 | |
| Zinc | 47.6 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24O25** | **14-07-2066-10-A** | **07/30/14 09:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:05** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 2.39 | 0.739 | 0.255 | 0.985 | |
| Barium | 126 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.219 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 10.1 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 4.49 | 0.246 | 0.146 | 0.985 | |
| Copper | 9.97 | 0.493 | 0.133 | 0.985 | |
| Lead | 4.45 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.416 | 0.246 | 0.130 | 0.985 | |
| Nickel | 6.36 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.347 | 0.246 | 0.0844 | 0.985 | |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 17.4 | 0.246 | 0.139 | 0.985 | |
| Zinc | 30.4 | 0.985 | 0.175 | 0.985 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:06** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 0.351 | 0.754 | 0.260 | 1.01 | J |
| Barium | 90.5 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.206 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 8.66 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 4.10 | 0.251 | 0.149 | 1.01 | |
| Copper | 9.49 | 0.503 | 0.135 | 1.01 | |
| Lead | 1.95 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | ND | 0.251 | 0.133 | 1.01 | |
| Nickel | 3.91 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.175 | 0.251 | 0.0861 | 1.01 | J |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 17.5 | 0.251 | 0.142 | 1.01 | |
| Zinc | 52.5 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:08** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | 1.35 | 0.735 | 0.254 | 0.980 | |
| Barium | 106 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.231 | 0.245 | 0.134 | 0.980 | J |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 10.4 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 5.71 | 0.245 | 0.145 | 0.980 | |
| Copper | 21.7 | 0.490 | 0.132 | 0.980 | |
| Lead | 1.67 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.143 | 0.245 | 0.129 | 0.980 | J |
| Nickel | 5.73 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.329 | 0.245 | 0.0840 | 0.980 | |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 19.8 | 0.245 | 0.138 | 0.980 | |
| Zinc | 41.2 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:09** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 0.638 | 0.773 | 0.267 | 1.03 | J |
| Barium | 92.8 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.175 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | ND | 0.515 | 0.140 | 1.03 | |
| Chromium | 5.08 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 4.08 | 0.258 | 0.153 | 1.03 | |
| Copper | 21.0 | 0.515 | 0.139 | 1.03 | |
| Lead | 6.89 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.244 | 0.258 | 0.136 | 1.03 | J |
| Nickel | 5.03 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.225 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 11.9 | 0.258 | 0.146 | 1.03 | |
| Zinc | 42.7 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:15** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.754 | 0.150 | 1.01 | |
| Arsenic | 1.42 | 0.754 | 0.260 | 1.01 | |
| Barium | 116 | 0.503 | 0.155 | 1.01 | |
| Beryllium | 0.236 | 0.251 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.503 | 0.136 | 1.01 | |
| Chromium | 9.90 | 0.251 | 0.143 | 1.01 | |
| Cobalt | 5.28 | 0.251 | 0.149 | 1.01 | |
| Copper | 9.60 | 0.503 | 0.135 | 1.01 | |
| Lead | 1.40 | 0.503 | 0.132 | 1.01 | |
| Molybdenum | 0.428 | 0.251 | 0.133 | 1.01 | |
| Nickel | 5.99 | 0.251 | 0.145 | 1.01 | |
| Selenium | ND | 0.754 | 0.301 | 1.01 | |
| Silver | 0.207 | 0.251 | 0.0861 | 1.01 | J |
| Thallium | ND | 0.754 | 0.152 | 1.01 | |
| Vanadium | 23.9 | 0.251 | 0.142 | 1.01 | |
| Zinc | 30.1 | 1.01 | 0.178 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:17** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.147 | 0.990 | |
| Arsenic | 2.89 | 0.743 | 0.257 | 0.990 | |
| Barium | 124 | 0.495 | 0.153 | 0.990 | |
| Beryllium | 0.208 | 0.248 | 0.136 | 0.990 | J |
| Cadmium | ND | 0.495 | 0.134 | 0.990 | |
| Chromium | 9.55 | 0.248 | 0.141 | 0.990 | |
| Cobalt | 5.47 | 0.248 | 0.147 | 0.990 | |
| Copper | 13.1 | 0.495 | 0.133 | 0.990 | |
| Lead | 7.57 | 0.495 | 0.130 | 0.990 | |
| Molybdenum | ND | 0.248 | 0.131 | 0.990 | |
| Nickel | 7.01 | 0.248 | 0.143 | 0.990 | |
| Selenium | ND | 0.743 | 0.297 | 0.990 | |
| Silver | 0.188 | 0.248 | 0.0849 | 0.990 | J |
| Thallium | ND | 0.743 | 0.150 | 0.990 | |
| Vanadium | 20.8 | 0.248 | 0.140 | 0.990 | |
| Zinc | 29.6 | 0.990 | 0.176 | 0.990 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:18** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.718 | 0.143 | 0.957 | |
| Arsenic | 0.543 | 0.718 | 0.248 | 0.957 | J |
| Barium | 64.0 | 0.478 | 0.148 | 0.957 | |
| Beryllium | 0.163 | 0.239 | 0.131 | 0.957 | J |
| Cadmium | 0.236 | 0.478 | 0.130 | 0.957 | J |
| Chromium | 8.15 | 0.239 | 0.136 | 0.957 | |
| Cobalt | 2.12 | 0.239 | 0.142 | 0.957 | |
| Copper | 21.6 | 0.478 | 0.129 | 0.957 | |
| Lead | 1.76 | 0.478 | 0.126 | 0.957 | |
| Molybdenum | 0.531 | 0.239 | 0.126 | 0.957 | |
| Nickel | 6.67 | 0.239 | 0.139 | 0.957 | |
| Selenium | ND | 0.718 | 0.287 | 0.957 | |
| Silver | 0.264 | 0.239 | 0.0820 | 0.957 | |
| Thallium | ND | 0.718 | 0.145 | 0.957 | |
| Vanadium | 10.4 | 0.239 | 0.135 | 0.957 | |
| Zinc | 31.3 | 0.957 | 0.170 | 0.957 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:19** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 0.549 | 0.761 | 0.263 | 1.02 | J |
| Barium | 112 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.267 | 0.254 | 0.139 | 1.02 | |
| Cadmium | 0.391 | 0.508 | 0.137 | 1.02 | J |
| Chromium | 8.11 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 5.11 | 0.254 | 0.150 | 1.02 | |
| Copper | 43.9 | 0.508 | 0.137 | 1.02 | |
| Lead | 9.77 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.978 | 0.254 | 0.134 | 1.02 | |
| Nickel | 7.96 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.293 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 18.3 | 0.254 | 0.143 | 1.02 | |
| Zinc | 50.1 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:20** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.725 | 0.144 | 0.966 | |
| Arsenic | 0.836 | 0.725 | 0.250 | 0.966 | |
| Barium | 117 | 0.483 | 0.149 | 0.966 | |
| Beryllium | 0.273 | 0.242 | 0.132 | 0.966 | |
| Cadmium | 0.351 | 0.483 | 0.131 | 0.966 | J |
| Chromium | 6.65 | 0.242 | 0.137 | 0.966 | |
| Cobalt | 4.78 | 0.242 | 0.143 | 0.966 | |
| Copper | 28.6 | 0.483 | 0.130 | 0.966 | |
| Lead | 10.5 | 0.483 | 0.127 | 0.966 | |
| Molybdenum | 0.251 | 0.242 | 0.128 | 0.966 | |
| Nickel | 6.95 | 0.242 | 0.140 | 0.966 | |
| Selenium | ND | 0.725 | 0.289 | 0.966 | |
| Silver | 0.283 | 0.242 | 0.0828 | 0.966 | |
| Thallium | ND | 0.725 | 0.147 | 0.966 | |
| Vanadium | 18.7 | 0.242 | 0.136 | 0.966 | |
| Zinc | 56.1 | 0.966 | 0.172 | 0.966 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:21** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | ND | 0.773 | 0.267 | 1.03 | |
| Barium | 157 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.448 | 0.258 | 0.141 | 1.03 | |
| Cadmium | 0.224 | 0.515 | 0.140 | 1.03 | J |
| Chromium | 27.4 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 7.37 | 0.258 | 0.153 | 1.03 | |
| Copper | 24.1 | 0.515 | 0.139 | 1.03 | |
| Lead | 0.478 | 0.515 | 0.136 | 1.03 | J |
| Molybdenum | ND | 0.258 | 0.136 | 1.03 | |
| Nickel | 12.8 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.108 | 0.258 | 0.0884 | 1.03 | J |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 31.4 | 0.258 | 0.146 | 1.03 | |
| Zinc | 55.1 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:22** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | 0.927 | 0.732 | 0.253 | 0.976 | |
| Barium | 83.6 | 0.488 | 0.151 | 0.976 | |
| Beryllium | 0.219 | 0.244 | 0.134 | 0.976 | J |
| Cadmium | ND | 0.488 | 0.132 | 0.976 | |
| Chromium | 7.42 | 0.244 | 0.139 | 0.976 | |
| Cobalt | 3.91 | 0.244 | 0.144 | 0.976 | |
| Copper | 20.1 | 0.488 | 0.131 | 0.976 | |
| Lead | 5.26 | 0.488 | 0.128 | 0.976 | |
| Molybdenum | ND | 0.244 | 0.129 | 0.976 | |
| Nickel | 3.97 | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | 0.180 | 0.244 | 0.0836 | 0.976 | J |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | 14.1 | 0.244 | 0.138 | 0.976 | |
| Zinc | 43.9 | 0.976 | 0.173 | 0.976 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:24** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.769 | 0.153 | 1.03 | |
| Arsenic | 3.83 | 0.769 | 0.266 | 1.03 | |
| Barium | 102 | 0.513 | 0.158 | 1.03 | |
| Beryllium | 0.208 | 0.256 | 0.140 | 1.03 | J |
| Cadmium | ND | 0.513 | 0.139 | 1.03 | |
| Chromium | 9.98 | 0.256 | 0.146 | 1.03 | |
| Cobalt | 4.73 | 0.256 | 0.152 | 1.03 | |
| Copper | 13.4 | 0.513 | 0.138 | 1.03 | |
| Lead | 2.43 | 0.513 | 0.135 | 1.03 | |
| Molybdenum | 0.428 | 0.256 | 0.135 | 1.03 | |
| Nickel | 14.9 | 0.256 | 0.148 | 1.03 | |
| Selenium | ND | 0.769 | 0.307 | 1.03 | |
| Silver | 0.185 | 0.256 | 0.0879 | 1.03 | J |
| Thallium | ND | 0.769 | 0.156 | 1.03 | |
| Vanadium | 29.9 | 0.256 | 0.145 | 1.03 | |
| Zinc | 27.8 | 1.03 | 0.182 | 1.03 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:25** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | 3.42 | 0.735 | 0.254 | 0.980 | |
| Barium | 103 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.230 | 0.245 | 0.134 | 0.980 | J |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 12.9 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 4.70 | 0.245 | 0.145 | 0.980 | |
| Copper | 15.8 | 0.490 | 0.132 | 0.980 | |
| Lead | 5.50 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.321 | 0.245 | 0.129 | 0.980 | |
| Nickel | 14.3 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.187 | 0.245 | 0.0840 | 0.980 | J |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 25.0 | 0.245 | 0.138 | 0.980 | |
| Zinc | 36.2 | 0.980 | 0.174 | 0.980 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 18:26** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 1.30 | 0.761 | 0.263 | 1.02 | |
| Barium | 132 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.254 | 0.254 | 0.139 | 1.02 | |
| Cadmium | 0.203 | 0.508 | 0.137 | 1.02 | J |
| Chromium | 14.2 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 4.76 | 0.254 | 0.150 | 1.02 | |
| Copper | 11.2 | 0.508 | 0.137 | 1.02 | |
| Lead | 1.22 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.282 | 0.254 | 0.134 | 1.02 | |
| Nickel | 6.52 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.309 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 19.8 | 0.254 | 0.143 | 1.02 | |
| Zinc | 28.2 | 1.02 | 0.180 | 1.02 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:32** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 11.0 | 0.750 | 0.259 | 1.00 | |
| Barium | 92.1 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.345 | 0.250 | 0.137 | 1.00 | |
| Cadmium | 0.222 | 0.500 | 0.135 | 1.00 | J |
| Chromium | 14.5 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.22 | 0.250 | 0.148 | 1.00 | |
| Copper | 12.4 | 0.500 | 0.135 | 1.00 | |
| Lead | 2.92 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.561 | 0.250 | 0.132 | 1.00 | |
| Nickel | 16.5 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.436 | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 36.5 | 0.250 | 0.141 | 1.00 | |
| Zinc | 44.9 | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18687** | **N/A** | **Solid** | **ICP 7300** | **08/01/14** | **08/02/14 16:22** | **140801L02** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

eurofins | Calscience

# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18699** | **N/A** | **Solid** | **ICP 7300** | **08/01/14** | **08/04/14 17:27** | **140801L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | ND | 1.00 | 0.178 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:34** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0133 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:36** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0190 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:38** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0298 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:45** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0264 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:47** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0338 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:49** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0356 | 0.0833 | 0.00587 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:52** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0197 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:54** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0152 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:56** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0239 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24O25** | **14-07-2066-10-A** | **07/30/14 09:40** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:58** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0232 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:01** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0161 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:03** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0637 | 0.0847 | 0.00597 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:05** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0146 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:12** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0237 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:14** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0148 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:16** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0319 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:19** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0214 | 0.0877 | 0.00618 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:21** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0144 | 0.0833 | 0.00587 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 13:23** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0141 | 0.0877 | 0.00618 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:24** | **140805L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0306 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:30** | **140805L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0152 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:33** | **140805L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0901 | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:13** | **140805L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0220 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:23** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0296 | 0.0833 | 0.00587 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-29** | **N/A** | **Solid** | **Mercury 05** | **08/05/14** | **08/05/14 12:18** | **140805L01D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-30** | **N/A** | **Solid** | **Mercury 05** | **08/05/14** | **08/05/14 15:08** | **140805L04D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 04:44** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 137 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 19:57** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 76 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 20:15** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 19 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 05:20** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 20:32** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 05:38** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 20:50** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 05:56** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 120 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 39 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 06:14** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 73 | 25-145 | |

| N24O25 | 14-07-2066-10-A | 07/30/14 09:40 | Concrete | GC 58 | 08/06/14 | 08/07/14 06:32 | 140806L07 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 05:02** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 17 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 27 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 21:44** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 90 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 04:26** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 93 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 420 | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 22:02** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 22:20** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 140 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 140 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 37 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 22:38** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 13 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 21 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 22:56** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 23:14** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 23:32** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 137 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 23:50** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 12 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 72 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 18:27** | **140806L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 18:45** | **140806L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 19:03** | **140806L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 19:21** | **140806L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 136 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2790** | **N/A** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 04:08** | **140806L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 131 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2789** | **N/A** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 10:13** | **140806L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 13:08** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | 0.13 | 0.50 | 0.11 | 1.00 | J |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 7.8 | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 3 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 88 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 81 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 10 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 2 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 13:27** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.33 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.31 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 6 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 87 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 78 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 13:45** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.24 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 9 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 91 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 91 | 27-159 | |
| Phenol-d6 | 32 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 78 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 14:03** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 16 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 14:21** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.24 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 22 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 14:39** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 89 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 80 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 16 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 19 of 78 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 14:58** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.22 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 13 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 54 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 15:16** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 1.1 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | 0.49 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.21 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 24 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 82 | 25-120 | |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 90 | 27-159 | |
| Phenol-d6 | 82 | 26-122 | |
| 2,4,6-Tribromophenol | 83 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 15:34** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.21 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 27 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 11 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 49 | 26-122 | |
| 2,4,6-Tribromophenol | 1 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24O25** | **14-07-2066-10-A** | **07/30/14 09:40** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 15:52** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 30 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 90 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 76 | 33-123 | |
| p-Terphenyl-d14 | 93 | 27-159 | |
| Phenol-d6 | 3 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 16:11** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.51 | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 33 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 89 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 76 | 33-123 | |
| p-Terphenyl-d14 | 92 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 19:50** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.13 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.22 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 36 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 85 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 66 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 16:47** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.40 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.24 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.38 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 39 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 91 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 99 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 20:45** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 42 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 86 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 12 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 17:24** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 45 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 92 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 76 | 33-123 | |
| p-Terphenyl-d14 | 118 | 27-159 | |
| Phenol-d6 | 19 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 17:42** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.40 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.32 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 48 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 83 | 27-120 | |
| 2-Fluorophenol | 28 | 25-120 | |
| Nitrobenzene-d5 | 69 | 33-123 | |
| p-Terphenyl-d14 | 88 | 27-159 | |
| Phenol-d6 | 67 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 49 of 78 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 18:00** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.26 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 51 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 8 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 50 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 52 of 78 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 18:19** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 54 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 82 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 14 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 18:37** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.25 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 57 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 92 | 27-120 | |
| 2-Fluorophenol | 5 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 78 | 33-123 | |
| p-Terphenyl-d14 | 94 | 27-159 | |
| Phenol-d6 | 46 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/13/14 11:42** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 60 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 92 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 81 | 33-123 | |
| p-Terphenyl-d14 | 104 | 27-159 | |
| Phenol-d6 | 30 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 20:09** | **140809L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 63 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 20:27** | **140809L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 66 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 68 | 33-123 | |
| p-Terphenyl-d14 | 79 | 27-159 | |
| Phenol-d6 | 5 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 20:46** | **140809L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 69 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 2 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 69 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 34 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 21:04** | **140809L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 72 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 87 | 27-159 | |
| Phenol-d6 | 3 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-18** | **N/A** | **Solid** | **GC/MS CCC** | **08/09/14** | **08/12/14 12:32** | **140809L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 75 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 83 | 25-120 | |
| Nitrobenzene-d5 | 70 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 79 | 26-122 | |
| 2,4,6-Tribromophenol | 79 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-17** | **N/A** | **Solid** | **GC/MS CCC** | **08/09/14** | **08/11/14 19:33** | **140809L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 78 of 78 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 79 | 25-120 | |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 79 | 27-159 | |
| Phenol-d6 | 74 | 26-122 | |
| 2,4,6-Tribromophenol | 85 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q15R16** | **14-07-2066-1-A** | **07/30/14 07:30** | **Concrete** | **GC/MS BB** | **07/31/14** | **08/01/14 05:05** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 63000 | 3100 | 250 | |
| Benzene | ND | 2500 | 65 | 250 | |
| Bromobenzene | ND | 2500 | 110 | 250 | |
| Bromochloromethane | ND | 2500 | 350 | 250 | |
| Bromodichloromethane | ND | 2500 | 120 | 250 | |
| Bromoform | ND | 2500 | 400 | 250 | |
| Bromomethane | ND | 13000 | 4700 | 250 | |
| 2-Butanone | ND | 25000 | 1900 | 250 | |
| n-Butylbenzene | ND | 2500 | 78 | 250 | |
| sec-Butylbenzene | ND | 2500 | 290 | 250 | |
| tert-Butylbenzene | ND | 2500 | 76 | 250 | |
| Carbon Disulfide | ND | 25000 | 150 | 250 | |
| Carbon Tetrachloride | ND | 2500 | 140 | 250 | |
| Chlorobenzene | ND | 2500 | 110 | 250 | |
| Chloroethane | ND | 2500 | 750 | 250 | |
| Chloroform | ND | 2500 | 120 | 250 | |
| Chloromethane | ND | 13000 | 150 | 250 | |
| 2-Chlorotoluene | ND | 2500 | 120 | 250 | |
| 4-Chlorotoluene | ND | 2500 | 110 | 250 | |
| Dibromochloromethane | ND | 2500 | 290 | 250 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5000 | 870 | 250 | |
| 1,2-Dibromoethane | ND | 2500 | 130 | 250 | |
| Dibromomethane | ND | 2500 | 390 | 250 | |
| 1,2-Dichlorobenzene | ND | 2500 | 110 | 250 | |
| 1,3-Dichlorobenzene | ND | 2500 | 88 | 250 | |
| 1,4-Dichlorobenzene | ND | 2500 | 110 | 250 | |
| Dichlorodifluoromethane | ND | 2500 | 220 | 250 | |
| 1,1-Dichloroethane | ND | 2500 | 110 | 250 | |
| 1,2-Dichloroethane | ND | 2500 | 160 | 250 | |
| 1,1-Dichloroethene | ND | 2500 | 170 | 250 | |
| c-1,2-Dichloroethene | ND | 2500 | 140 | 250 | |
| t-1,2-Dichloroethene | ND | 2500 | 250 | 250 | |
| 1,2-Dichloropropane | ND | 2500 | 220 | 250 | |
| 1,3-Dichloropropane | ND | 2500 | 130 | 250 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 2500 | 170 | 250 | |
| 1,1-Dichloropropene | ND | 2500 | 160 | 250 | |
| c-1,3-Dichloropropene | ND | 2500 | 130 | 250 | |
| t-1,3-Dichloropropene | ND | 2500 | 300 | 250 | |
| Ethylbenzene | 510 | 2500 | 76 | 250 | J |
| 2-Hexanone | ND | 25000 | 880 | 250 | |
| Isopropylbenzene | 760 | 2500 | 270 | 250 | J |
| p-Isopropyltoluene | ND | 2500 | 320 | 250 | |
| Methylene Chloride | ND | 25000 | 670 | 250 | |
| 4-Methyl-2-Pentanone | ND | 25000 | 2200 | 250 | |
| Naphthalene | 740 | 25000 | 410 | 250 | J |
| n-Propylbenzene | ND | 2500 | 250 | 250 | |
| Styrene | 64000 | 2500 | 300 | 250 | |
| 1,1,1,2-Tetrachloroethane | ND | 2500 | 120 | 250 | |
| 1,1,2,2-Tetrachloroethane | ND | 2500 | 170 | 250 | |
| Tetrachloroethene | ND | 2500 | 110 | 250 | |
| Toluene | 1300 | 2500 | 260 | 250 | J |
| 1,2,3-Trichlorobenzene | ND | 5000 | 460 | 250 | |
| 1,2,4-Trichlorobenzene | ND | 2500 | 160 | 250 | |
| 1,1,1-Trichloroethane | ND | 2500 | 110 | 250 | |
| 1,1,2-Trichloroethane | ND | 2500 | 180 | 250 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 25000 | 180 | 250 | |
| Trichloroethene | ND | 2500 | 150 | 250 | |
| 1,2,3-Trichloropropane | ND | 2500 | 420 | 250 | |
| 1,2,4-Trimethylbenzene | ND | 2500 | 290 | 250 | |
| Trichlorofluoromethane | ND | 25000 | 190 | 250 | |
| 1,3,5-Trimethylbenzene | ND | 2500 | 280 | 250 | |
| Vinyl Acetate | ND | 25000 | 2400 | 250 | |
| Vinyl Chloride | ND | 2500 | 250 | 250 | |
| p/m-Xylene | 190 | 2500 | 130 | 250 | J |
| o-Xylene | ND | 2500 | 280 | 250 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 2500 | 150 | 250 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 81 | 63-141 | |
| 1,2-Dichloroethane-d4 | 85 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q16R17** | **14-07-2066-2-A** | **07/30/14 07:45** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 21:54** | **140731L038** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 49 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | 5.7 | 51 | 3.9 | 1.00 | J |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | 14 | 51 | 4.4 | 1.00 | J |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.28 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 9 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R32S33** | **14-07-2066-3-A** | **07/30/14 08:05** | **Concrete** | **GC/MS BB** | **07/31/14** | **08/01/14 05:32** | **140731L038** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 46 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.4 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.51 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 9 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 87 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q32R33** | **14-07-2066-4-A** | **07/30/14 08:15** | **Concrete** | **GC/MS BB** | **07/31/14** | **08/01/14 05:58** | **140731L038** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 8 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 89 | 62-146 | |
| Toluene-d8 | 95 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Q31R32** | **14-07-2066-5-A** | **07/30/14 08:25** | **Concrete** | **GC/MS BB** | **07/31/14** | **08/01/14 06:25** | **140731L038** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 47 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | 4.2 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 0.19 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.1 | 5.1 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 1.0 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | 1.7 | 5.1 | 0.56 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 11 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **O32Q33** | **14-07-2066-6-A** | **07/30/14 09:00** | **Concrete** | **GC/MS BB** | **07/31/14** | **08/01/14 06:52** | **140731L038** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 6.9 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | 0.28 | 5.0 | 0.15 | 1.00 | J |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 7 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 92 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 13 of 56 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N30O31** | **14-07-2066-7-A** | **07/30/14 09:10** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 19:37** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 28 | 130 | 6.3 | 1.00 | B,J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | 0.17 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | 0.81 | 5.1 | 0.59 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.85 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 59 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M32N33** | **14-07-2066-8-A** | **07/30/14 09:20** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 20:04** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 7.2 | 130 | 6.3 | 1.00 | B,J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 105 | 63-141 | |
| 1,2-Dichloroethane-d4 | 111 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N26O29** | **14-07-2066-9-A** | **07/30/14 09:30** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 20:30** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 50 | 130 | 6.3 | 1.00 | B,J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | 4.0 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 55 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24O25** | **14-07-2066-10-A** | **07/30/14 09:40** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 20:57** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 18 | 130 | 6.3 | 1.00 | B,J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 23 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N29O30** | **14-07-2066-11-A** | **07/30/14 08:40** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 21:23** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 49 | 120 | 6.2 | 1.00 | B,J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.23 | 5.0 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 0.51 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | 0.54 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | 3.1 | 5.0 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 1.2 | 5.0 | 0.54 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 2.2 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | 0.94 | 5.0 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J31K32** | **14-07-2066-12-A** | **07/30/14 11:15** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 21:49** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 180 | 130 | 6.3 | 1.00 | B |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | 7.6 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | 5.2 | 51 | 4.4 | 1.00 | J |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | 1.9 | 5.1 | 0.52 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.68 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 26 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F31G32** | **14-07-2066-13-A** | **07/30/14 11:30** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 22:15** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 97 | 130 | 6.5 | 1.00 | B,J |
| Benzene | 0.15 | 5.2 | 0.14 | 1.00 | J |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.83 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | 12 | 52 | 3.9 | 1.00 | J |
| n-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.30 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.6 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.60 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.27 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.81 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.46 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.35 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.27 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | 2.9 | 52 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 0.66 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | ND | 52 | 0.85 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | ND | 5.2 | 0.54 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.24 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.87 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 5.0 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.53 | 1.00 | |
| p/m-Xylene | ND | 5.2 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.2 | 0.58 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F32G33** | **14-07-2066-14-A** | **07/30/14 11:40** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 22:41** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 7.5 | 120 | 6.1 | 1.00 | B,J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 47 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H29J30** | **14-07-2066-15-A** | **07/30/14 11:50** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 23:07** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 72 | 130 | 6.4 | 1.00 | B,J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | 12 | 51 | 3.9 | 1.00 | J |
| n-Butylbenzene | 0.21 | 5.1 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | 8.7 | 51 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | 8.0 | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | 1.8 | 5.1 | 0.23 | 1.00 | J |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 1.4 | 51 | 0.36 | 1.00 | J |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.6 | 5.1 | 0.60 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 23 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G29H30** | **14-07-2066-16-A** | **07/30/14 12:00** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/05/14 23:33** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 46 | 120 | 6.0 | 1.00 | B,J |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | 4.7 | 48 | 3.6 | 1.00 | J |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | ND | 48 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.49 | 1.00 | |
| p/m-Xylene | 0.29 | 4.8 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.8 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 77 | 63-141 | |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D29E30** | **14-07-2066-17-A** | **07/30/14 12:40** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/06/14 00:00** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 68 | 120 | 6.1 | 1.00 | B,J |
| Benzene | 0.16 | 4.9 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | 4.5 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 0.18 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.2 | 4.9 | 0.57 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.77 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 53 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D30E31** | **14-07-2066-18-A** | **07/30/14 12:50** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/06/14 00:26** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 77 | 130 | 6.3 | 1.00 | B,J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | 3.8 | 50 | 3.8 | 1.00 | J |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | 1.8 | 50 | 1.8 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.32 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A30C31** | **14-07-2066-19-A** | **07/30/14 13:00** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/06/14 00:52** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 110 | 120 | 6.1 | 1.00 | B,J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.2 | 1.00 | |
| 2-Butanone | 5.4 | 49 | 3.7 | 1.00 | J |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 60 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 111 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A32C33** | **14-07-2066-20-A** | **07/30/14 13:10** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/06/14 01:18** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 110 | 120 | 6.2 | 1.00 | B,J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | 24 | 50 | 3.7 | 1.00 | J |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | 6.0 | 50 | 1.7 | 1.00 | J |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 0.40 | 5.0 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 48 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB32AA33** | **14-07-2066-21-A** | **07/30/14 13:20** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 04:35** | **140731L051** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 150 | 120 | 6.2 | 1.00 | |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.19 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | 0.74 | 4.9 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.3 | 4.9 | 0.58 | 1.00 | J |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | 0.49 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 45 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 43 of 56 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC32AB33** | **14-07-2066-22-A** | **07/30/14 13:30** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 06:19** | **140731L051** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 23 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 0.32 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AF32AE33** | **14-07-2066-23-A** | **07/30/14 13:40** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 06:44** | **140731L051** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 9.3 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 45 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB30AA31** | **14-07-2066-24-A** | **07/30/14 13:50** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 07:10** | **140731L051** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 30 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 27 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 49 of 56 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-357** | **N/A** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 21:01** | **140731L038** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 95 | 63-141 | |
| 1,2-Dichloroethane-d4 | 96 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-358** | **N/A** | **Solid** | **GC/MS Q** | **07/31/14** | **08/01/14 03:44** | **140731L051** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 110 | 63-141 | |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-360** | **N/A** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 21:27** | **140731L058** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 12000 | 620 | 50.0 | |
| Benzene | ND | 500 | 13 | 50.0 | |
| Bromobenzene | ND | 500 | 21 | 50.0 | |
| Bromochloromethane | ND | 500 | 69 | 50.0 | |
| Bromodichloromethane | ND | 500 | 23 | 50.0 | |
| Bromoform | ND | 500 | 79 | 50.0 | |
| Bromomethane | ND | 2500 | 940 | 50.0 | |
| 2-Butanone | ND | 5000 | 380 | 50.0 | |
| n-Butylbenzene | ND | 500 | 16 | 50.0 | |
| sec-Butylbenzene | ND | 500 | 58 | 50.0 | |
| tert-Butylbenzene | ND | 500 | 15 | 50.0 | |
| Carbon Disulfide | ND | 5000 | 31 | 50.0 | |
| Carbon Tetrachloride | ND | 500 | 28 | 50.0 | |
| Chlorobenzene | ND | 500 | 22 | 50.0 | |
| Chloroethane | ND | 500 | 150 | 50.0 | |
| Chloroform | ND | 500 | 24 | 50.0 | |
| Chloromethane | 43 | 2500 | 30 | 50.0 | J |
| 2-Chlorotoluene | ND | 500 | 23 | 50.0 | |
| 4-Chlorotoluene | ND | 500 | 21 | 50.0 | |
| Dibromochloromethane | ND | 500 | 57 | 50.0 | |
| 1,2-Dibromo-3-Chloropropane | ND | 1000 | 170 | 50.0 | |
| 1,2-Dibromoethane | ND | 500 | 26 | 50.0 | |
| Dibromomethane | ND | 500 | 77 | 50.0 | |
| 1,2-Dichlorobenzene | ND | 500 | 23 | 50.0 | |
| 1,3-Dichlorobenzene | ND | 500 | 18 | 50.0 | |
| 1,4-Dichlorobenzene | ND | 500 | 22 | 50.0 | |
| Dichlorodifluoromethane | ND | 500 | 44 | 50.0 | |
| 1,1-Dichloroethane | ND | 500 | 21 | 50.0 | |
| 1,2-Dichloroethane | ND | 500 | 31 | 50.0 | |
| 1,1-Dichloroethene | ND | 500 | 35 | 50.0 | |
| c-1,2-Dichloroethene | ND | 500 | 28 | 50.0 | |
| t-1,2-Dichloroethene | ND | 500 | 51 | 50.0 | |
| 1,2-Dichloropropane | ND | 500 | 44 | 50.0 | |
| 1,3-Dichloropropane | ND | 500 | 25 | 50.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 500 | 33 | 50.0 | |
| 1,1-Dichloropropene | ND | 500 | 33 | 50.0 | |
| c-1,3-Dichloropropene | ND | 500 | 25 | 50.0 | |
| t-1,3-Dichloropropene | ND | 500 | 61 | 50.0 | |
| Ethylbenzene | ND | 500 | 15 | 50.0 | |
| 2-Hexanone | ND | 5000 | 180 | 50.0 | |
| Isopropylbenzene | ND | 500 | 55 | 50.0 | |
| p-Isopropyltoluene | ND | 500 | 63 | 50.0 | |
| Methylene Chloride | ND | 5000 | 130 | 50.0 | |
| 4-Methyl-2-Pentanone | ND | 5000 | 430 | 50.0 | |
| Naphthalene | ND | 5000 | 81 | 50.0 | |
| n-Propylbenzene | ND | 500 | 50 | 50.0 | |
| Styrene | ND | 500 | 60 | 50.0 | |
| 1,1,1,2-Tetrachloroethane | ND | 500 | 24 | 50.0 | |
| 1,1,2,2-Tetrachloroethane | ND | 500 | 35 | 50.0 | |
| Tetrachloroethene | ND | 500 | 21 | 50.0 | |
| Toluene | ND | 500 | 52 | 50.0 | |
| 1,2,3-Trichlorobenzene | ND | 1000 | 91 | 50.0 | |
| 1,2,4-Trichlorobenzene | ND | 500 | 31 | 50.0 | |
| 1,1,1-Trichloroethane | ND | 500 | 23 | 50.0 | |
| 1,1,2-Trichloroethane | ND | 500 | 35 | 50.0 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 5000 | 35 | 50.0 | |
| Trichloroethene | ND | 500 | 30 | 50.0 | |
| 1,2,3-Trichloropropane | ND | 500 | 83 | 50.0 | |
| 1,2,4-Trimethylbenzene | ND | 500 | 59 | 50.0 | |
| Trichlorofluoromethane | ND | 5000 | 38 | 50.0 | |
| 1,3,5-Trimethylbenzene | ND | 500 | 55 | 50.0 | |
| Vinyl Acetate | ND | 5000 | 470 | 50.0 | |
| Vinyl Chloride | ND | 500 | 50 | 50.0 | |
| p/m-Xylene | ND | 500 | 27 | 50.0 | |
| o-Xylene | ND | 500 | 56 | 50.0 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 500 | 30 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 78 | 63-141 | |
| 1,2-Dichloroethane-d4 | 91 | 62-146 | |
| Toluene-d8 | 96 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-363** | **N/A** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 16:06** | **140805L020** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 60-132 | |
| Dibromofluoromethane | 106 | 63-141 | |
| 1,2-Dichloroethane-d4 | 111 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3060A
Method: EPA 7199

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **N30O31** | **Sample** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 13:57** | **140802S01P** |
| **N30O31** | **Matrix Spike** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:37** | **140802S01P** |
| **N30O31** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **08/02/14** | **08/02/14 15:44** | **140802S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 1473 | 40000 | 35370 | 85 | 34660 | 83 | 75-125 | 2 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-08-0096-1** | **Sample** | **Solid** | **IC 11** | **08/04/14** | **08/04/14 21:08** | **140804S01P** |
| **14-08-0096-1** | **Matrix Spike** | **Solid** | **IC 11** | **08/04/14** | **08/04/14 21:14** | **140804S01P** |
| **14-08-0096-1** | **Matrix Spike Duplicate** | **Solid** | **IC 11** | **08/04/14** | **08/04/14 21:20** | **140804S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 3885 | 20000 | 28930 | 125 | 27110 | 116 | 75-125 | 7 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **G29H30** | **Sample** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 15:55** | **140801S08** |
| **G29H30** | **Matrix Spike** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 10:23** | **140801S08** |
| **G29H30** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **08/01/14** | **08/02/14 10:40** | **140801S08** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 29.80 | 400.0 | 235.2 | 51 | 265.2 | 59 | 64-130 | 12 | 0-15 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-2158-1** | **Sample** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 19:29** | **140801S09** |
| **14-07-2158-1** | **Matrix Spike** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 18:57** | **140801S09** |
| **14-07-2158-1** | **Matrix Spike Duplicate** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 19:13** | **140801S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | ND | 400.0 | 310.7 | 78 | 324.4 | 81 | 64-130 | 4 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1897-25** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:32** | **140801S02** |
| **14-07-1897-25** | **Matrix Spike** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:33** | **140801S02** |
| **14-07-1897-25** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **08/01/14** | **08/02/14 16:34** | **140801S02** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 8.905 | 36 | 9.059 | 36 | 50-115 | 2 | 0-20 | 3 |
| Arsenic | 0.8790 | 25.00 | 29.69 | 115 | 30.56 | 119 | 75-125 | 3 | 0-20 | |
| Barium | 125.6 | 25.00 | 182.3 | 4X | 167.3 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | ND | 25.00 | 28.28 | 113 | 29.17 | 117 | 75-125 | 3 | 0-20 | |
| Cadmium | ND | 25.00 | 25.81 | 103 | 26.69 | 107 | 75-125 | 3 | 0-20 | |
| Chromium | 6.918 | 25.00 | 34.31 | 110 | 34.72 | 111 | 75-125 | 1 | 0-20 | |
| Cobalt | 3.823 | 25.00 | 31.97 | 113 | 32.93 | 116 | 75-125 | 3 | 0-20 | |
| Copper | 8.814 | 25.00 | 37.67 | 115 | 37.32 | 114 | 75-125 | 1 | 0-20 | |
| Lead | 10.97 | 25.00 | 37.98 | 108 | 38.21 | 109 | 75-125 | 1 | 0-20 | |
| Molybdenum | ND | 25.00 | 27.00 | 108 | 28.18 | 113 | 75-125 | 4 | 0-20 | |
| Nickel | 4.851 | 25.00 | 31.56 | 107 | 32.36 | 110 | 75-125 | 2 | 0-20 | |
| Selenium | ND | 25.00 | 23.25 | 93 | 25.04 | 100 | 75-125 | 7 | 0-20 | |
| Silver | 0.2630 | 12.50 | 14.85 | 117 | 15.20 | 120 | 75-125 | 2 | 0-20 | |
| Thallium | ND | 25.00 | 22.07 | 88 | 23.30 | 93 | 75-125 | 5 | 0-20 | |
| Vanadium | 21.78 | 25.00 | 51.36 | 118 | 51.28 | 118 | 75-125 | 0 | 0-20 | |
| Zinc | 55.15 | 25.00 | 91.40 | 145 | 83.23 | 112 | 75-125 | 9 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB30AA31** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:32** | **140801S05** |
| **AB30AA31** | **Matrix Spike** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:33** | **140801S05** |
| **AB30AA31** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **08/01/14** | **08/04/14 17:34** | **140801S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 20.47 | 82 | 25.56 | 102 | 50-115 | 22 | 0-20 | 4 |
| Arsenic | 10.98 | 25.00 | 35.70 | 99 | 40.79 | 119 | 75-125 | 13 | 0-20 | |
| Barium | 92.11 | 25.00 | 112.8 | 83 | 116.3 | 97 | 75-125 | 3 | 0-20 | |
| Beryllium | 0.3450 | 25.00 | 23.90 | 94 | 29.57 | 117 | 75-125 | 21 | 0-20 | 4 |
| Cadmium | ND | 25.00 | 21.30 | 85 | 26.49 | 106 | 75-125 | 22 | 0-20 | 4 |
| Chromium | 14.46 | 25.00 | 36.89 | 90 | 42.30 | 111 | 75-125 | 14 | 0-20 | |
| Cobalt | 5.224 | 25.00 | 27.64 | 90 | 33.77 | 114 | 75-125 | 20 | 0-20 | |
| Copper | 12.37 | 25.00 | 35.38 | 92 | 41.66 | 117 | 75-125 | 16 | 0-20 | |
| Lead | 2.921 | 25.00 | 23.90 | 84 | 29.46 | 106 | 75-125 | 21 | 0-20 | 4 |
| Molybdenum | 0.5612 | 25.00 | 23.07 | 90 | 28.96 | 114 | 75-125 | 23 | 0-20 | 4 |
| Nickel | 16.49 | 25.00 | 37.04 | 82 | 43.02 | 106 | 75-125 | 15 | 0-20 | |
| Selenium | ND | 25.00 | 21.79 | 87 | 28.15 | 113 | 75-125 | 25 | 0-20 | 4 |
| Silver | 0.4364 | 12.50 | 11.83 | 91 | 14.51 | 113 | 75-125 | 20 | 0-20 | |
| Thallium | ND | 25.00 | 17.70 | 71 | 22.89 | 92 | 75-125 | 26 | 0-20 | 3,4 |
| Vanadium | 36.49 | 25.00 | 59.76 | 93 | 65.08 | 114 | 75-125 | 9 | 0-20 | |
| Zinc | 44.89 | 25.00 | 64.61 | 79 | 69.39 | 98 | 75-125 | 7 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB30AA31** | **Sample** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:23** | **140805S01** |
| **AB30AA31** | **Matrix Spike** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:25** | **140805S01** |
| **AB30AA31** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 12:27** | **140805S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9218 | 110 | 0.8860 | 106 | 80-120 | 4 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AF32AE33** | **Sample** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:13** | **140805S04** |
| **AF32AE33** | **Matrix Spike** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:15** | **140805S04** |
| **AF32AE33** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **08/05/14** | **08/05/14 15:17** | **140805S04** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9262 | 111 | 0.9374 | 112 | 80-120 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **H29J30** | **Sample** | **Concrete** | **GC 58** | **08/06/14** | **08/07/14 22:20** | **140806S07** |
| **H29J30** | **Matrix Spike** | **Concrete** | **GC 58** | **08/06/14** | **08/08/14 00:44** | **140806S07** |
| **H29J30** | **Matrix Spike Duplicate** | **Concrete** | **GC 58** | **08/06/14** | **08/08/14 01:02** | **140806S07** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 204.4 | 204 | 201.8 | 202 | 50-135 | 1 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 128.9 | 129 | 123.5 | 123 | 50-135 | 4 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8082

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-08-0290-4** | **Sample** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 12:48** | **140806S08** |
| **14-08-0290-4** | **Matrix Spike** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 13:06** | **140806S08** |
| **14-08-0290-4** | **Matrix Spike Duplicate** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 13:24** | **140806S08** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 77.56 | 78 | 86.18 | 86 | 50-135 | 11 | 0-20 | |
| Aroclor-1260 | 337.5 | 100.0 | 462.8 | 125 | 541.6 | 204 | 50-135 | 16 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **H29J30** | **Sample** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 17:24** | **140809S13** |
| **H29J30** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 19:13** | **140809S13** |
| **H29J30** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/12/14 19:32** | **140809S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 9.971 | 100 | 9.402 | 94 | 34-148 | 6 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 9.753 | 98 | 9.245 | 92 | 53-120 | 5 | 0-20 | |
| Aniline | ND | 10.00 | 7.379 | 74 | 6.155 | 62 | 80-120 | 18 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 10.02 | 100 | 9.446 | 94 | 80-120 | 6 | 0-20 | |
| Azobenzene | ND | 10.00 | 8.830 | 88 | 8.244 | 82 | 80-120 | 7 | 0-20 | |
| Benzidine | ND | 10.00 | 14.01 | 140 | 11.53 | 115 | 80-120 | 19 | 0-20 | 3 |
| Benzo (a) Anthracene | ND | 10.00 | 9.943 | 99 | 9.466 | 95 | 80-120 | 5 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 9.851 | 99 | 9.206 | 92 | 80-120 | 7 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 11.60 | 116 | 9.737 | 97 | 80-120 | 17 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 12.97 | 130 | 11.72 | 117 | 80-120 | 10 | 0-20 | 3 |
| Benzo (k) Fluoranthene | ND | 10.00 | 6.830 | 68 | 7.478 | 75 | 80-120 | 9 | 0-20 | 3 |
| Benzoic Acid | ND | 10.00 | 2.875 | 29 | 2.880 | 29 | 80-120 | 0 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 8.495 | 85 | 8.036 | 80 | 80-120 | 6 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 8.546 | 85 | 8.103 | 81 | 80-120 | 5 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 8.496 | 85 | 7.880 | 79 | 80-120 | 8 | 0-20 | 3 |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 7.714 | 77 | 7.130 | 71 | 80-120 | 8 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 9.544 | 95 | 9.036 | 90 | 80-120 | 5 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 10.05 | 101 | 9.482 | 95 | 80-120 | 6 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 10.80 | 108 | 10.25 | 103 | 15-189 | 5 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 3.436 | 34 | 3.431 | 34 | 32-120 | 0 | 0-20 | |
| 4-Chloroaniline | ND | 10.00 | 8.391 | 84 | 7.207 | 72 | 80-120 | 15 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 9.430 | 94 | 8.930 | 89 | 80-120 | 5 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 0.5226 | 5 | 0.3144 | 3 | 53-120 | 50 | 0-20 | 3,4 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 9.124 | 91 | 8.616 | 86 | 80-120 | 6 | 0-20 | |
| Chrysene | ND | 10.00 | 9.766 | 98 | 9.262 | 93 | 80-120 | 5 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 9.312 | 93 | 8.924 | 89 | 80-120 | 4 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 9.026 | 90 | 8.493 | 85 | 80-120 | 6 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 12.86 | 129 | 11.59 | 116 | 80-120 | 10 | 0-20 | 3 |
| Dibenzofuran | ND | 10.00 | 9.628 | 96 | 9.051 | 91 | 80-120 | 6 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 9.710 | 97 | 8.831 | 88 | 80-120 | 9 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 9.826 | 98 | 8.918 | 89 | 80-120 | 10 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 9.600 | 96 | 8.847 | 88 | 43-120 | 8 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 8.479 | 85 | 7.757 | 78 | 80-120 | 9 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0.1596 | 2 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 8.554 | 86 | 8.223 | 82 | 80-120 | 4 | 0-20 | |
| Dimethyl Phthalate | ND | 10.00 | 8.127 | 81 | 7.891 | 79 | 44-122 | 3 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 5.094 | 51 | 5.614 | 56 | 80-120 | 10 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6102 | 6 | 0.6104 | 6 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.228 | 12 | 1.230 | 12 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 8.900 | 89 | 8.499 | 85 | 28-120 | 5 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 10.01 | 100 | 9.549 | 95 | 80-120 | 5 | 0-20 | |
| Fluoranthene | ND | 10.00 | 8.890 | 89 | 8.600 | 86 | 80-120 | 3 | 0-20 | |
| Fluorene | ND | 10.00 | 9.530 | 95 | 9.003 | 90 | 12-186 | 6 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 10.07 | 101 | 9.380 | 94 | 80-120 | 7 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 9.435 | 94 | 8.914 | 89 | 80-120 | 6 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 8.596 | 86 | 8.222 | 82 | 80-120 | 4 | 0-20 | |
| Hexachloroethane | ND | 10.00 | 9.634 | 96 | 8.835 | 88 | 80-120 | 9 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 13.34 | 133 | 11.97 | 120 | 80-120 | 11 | 0-20 | 3 |
| Isophorone | ND | 10.00 | 8.175 | 82 | 7.677 | 77 | 80-120 | 6 | 0-20 | 3 |
| 2-Methylnaphthalene | ND | 10.00 | 10.41 | 104 | 9.909 | 99 | 80-120 | 5 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 9.849 | 98 | 9.240 | 92 | 80-120 | 6 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 6.331 | 63 | 6.530 | 65 | 80-120 | 3 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 10.64 | 53 | 11.40 | 57 | 80-120 | 7 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 8.198 | 82 | 7.729 | 77 | 38-140 | 6 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 7.506 | 75 | 6.734 | 67 | 80-120 | 11 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 10.00 | 11.46 | 115 | 10.77 | 108 | 80-120 | 6 | 0-20 | |
| Naphthalene | ND | 10.00 | 9.681 | 97 | 9.091 | 91 | 20-140 | 6 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 9.192 | 92 | 8.581 | 86 | 80-120 | 7 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.161 | 92 | 8.325 | 83 | 80-120 | 10 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 8.507 | 85 | 7.888 | 79 | 80-120 | 8 | 0-20 | 3 |
| Nitrobenzene | ND | 10.00 | 8.101 | 81 | 7.555 | 76 | 80-120 | 7 | 0-20 | 3 |
| 4-Nitrophenol | ND | 10.00 | 0.3916 | 4 | 0.2788 | 3 | 14-128 | 34 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.9451 | 9 | 0.8236 | 8 | 10-124 | 14 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 10.03 | 100 | 9.398 | 94 | 80-120 | 6 | 0-20 | |
| Phenol | ND | 10.00 | 3.243 | 32 | 3.639 | 36 | 22-124 | 12 | 0-20 | |
| Pyrene | ND | 10.00 | 12.52 | 125 | 11.73 | 117 | 31-169 | 7 | 0-20 | |
| Pyridine | ND | 10.00 | 8.922 | 89 | 7.524 | 75 | 80-120 | 17 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 9.782 | 98 | 9.232 | 92 | 56-120 | 6 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB30AA31** | **Sample** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 21:04** | **140809S14** |
| **AB30AA31** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 21:22** | **140809S14** |
| **AB30AA31** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **08/09/14** | **08/11/14 21:40** | **140809S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 8.121 | 81 | 7.668 | 77 | 34-148 | 6 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 8.066 | 81 | 7.561 | 76 | 53-120 | 6 | 0-20 | |
| Aniline | ND | 10.00 | 5.426 | 54 | 5.194 | 52 | 80-120 | 4 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 8.237 | 82 | 7.813 | 78 | 80-120 | 5 | 0-20 | 3 |
| Azobenzene | ND | 10.00 | 7.465 | 75 | 6.949 | 69 | 80-120 | 7 | 0-20 | 3 |
| Benzidine | ND | 10.00 | 10.67 | 107 | 10.92 | 109 | 80-120 | 2 | 0-20 | |
| Benzo (a) Anthracene | ND | 10.00 | 8.285 | 83 | 7.784 | 78 | 80-120 | 6 | 0-20 | 3 |
| Benzo (a) Pyrene | ND | 10.00 | 7.627 | 76 | 7.612 | 76 | 80-120 | 0 | 0-20 | 3 |
| Benzo (b) Fluoranthene | ND | 10.00 | 7.507 | 75 | 7.354 | 74 | 80-120 | 2 | 0-20 | 3 |
| Benzo (g,h,i) Perylene | ND | 10.00 | 8.711 | 87 | 7.742 | 77 | 80-120 | 12 | 0-20 | 3 |
| Benzo (k) Fluoranthene | ND | 10.00 | 7.132 | 71 | 6.888 | 69 | 80-120 | 3 | 0-20 | 3 |
| Benzoic Acid | ND | 10.00 | 2.748 | 27 | 2.670 | 27 | 80-120 | 3 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 7.429 | 74 | 7.130 | 71 | 80-120 | 4 | 0-20 | 3 |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 7.290 | 73 | 6.924 | 69 | 80-120 | 5 | 0-20 | 3 |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 7.111 | 71 | 6.893 | 69 | 80-120 | 3 | 0-20 | 3 |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 6.447 | 64 | 6.171 | 62 | 80-120 | 4 | 0-20 | 3 |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 8.303 | 83 | 7.501 | 75 | 80-120 | 10 | 0-20 | 3 |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 8.190 | 82 | 7.662 | 77 | 80-120 | 7 | 0-20 | 3 |
| Butyl Benzyl Phthalate | ND | 10.00 | 8.147 | 81 | 7.310 | 73 | 15-189 | 11 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 1.180 | 12 | 1.133 | 11 | 32-120 | 4 | 0-20 | 3 |
| 4-Chloroaniline | ND | 10.00 | 6.172 | 62 | 5.932 | 59 | 80-120 | 4 | 0-20 | 3 |
| 2-Chloronaphthalene | ND | 10.00 | 7.845 | 78 | 7.352 | 74 | 80-120 | 6 | 0-20 | 3 |
| 2-Chlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 53-120 | 0 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 7.306 | 73 | 6.941 | 69 | 80-120 | 5 | 0-20 | 3 |
| Chrysene | ND | 10.00 | 7.867 | 79 | 7.431 | 74 | 80-120 | 6 | 0-20 | 3 |
| Di-n-Butyl Phthalate | ND | 10.00 | 7.775 | 78 | 7.339 | 73 | 80-120 | 6 | 0-20 | 3 |
| Di-n-Octyl Phthalate | ND | 10.00 | 7.996 | 80 | 7.489 | 75 | 80-120 | 7 | 0-20 | 3 |
| Dibenz (a,h) Anthracene | ND | 10.00 | 8.770 | 88 | 7.941 | 79 | 80-120 | 10 | 0-20 | 3 |
| Dibenzofuran | ND | 10.00 | 7.784 | 78 | 7.397 | 74 | 80-120 | 5 | 0-20 | 3 |
| 1,2-Dichlorobenzene | ND | 10.00 | 7.769 | 78 | 7.458 | 75 | 80-120 | 4 | 0-20 | 3 |
| 1,3-Dichlorobenzene | ND | 10.00 | 7.915 | 79 | 7.616 | 76 | 80-120 | 4 | 0-20 | 3 |
| 1,4-Dichlorobenzene | ND | 10.00 | 7.764 | 78 | 7.413 | 74 | 43-120 | 5 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 5.707 | 57 | 5.509 | 55 | 80-120 | 4 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 14 of 19 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 7.065 | 71 | 6.676 | 67 | 80-120 | 6 | 0-20 | 3 |
| Dimethyl Phthalate | ND | 10.00 | 5.967 | 60 | 5.646 | 56 | 44-122 | 6 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 4.736 | 47 | 4.519 | 45 | 80-120 | 5 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0.6085 | 6 | 0.6117 | 6 | 80-120 | 1 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 1.205 | 12 | 1.207 | 12 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 7.907 | 79 | 7.501 | 75 | 28-120 | 5 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 8.402 | 84 | 7.908 | 79 | 80-120 | 6 | 0-20 | 3 |
| Fluoranthene | ND | 10.00 | 7.872 | 79 | 7.652 | 77 | 80-120 | 3 | 0-20 | 3 |
| Fluorene | ND | 10.00 | 7.643 | 76 | 7.293 | 73 | 12-186 | 5 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 7.792 | 78 | 7.392 | 74 | 80-120 | 5 | 0-20 | 3 |
| Hexachlorobenzene | ND | 10.00 | 7.703 | 77 | 7.253 | 73 | 80-120 | 6 | 0-20 | 3 |
| Hexachlorocyclopentadiene | ND | 10.00 | 6.661 | 67 | 6.166 | 62 | 80-120 | 8 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 7.564 | 76 | 7.247 | 72 | 80-120 | 4 | 0-20 | 3 |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 9.080 | 91 | 8.209 | 82 | 80-120 | 10 | 0-20 | |
| Isophorone | ND | 10.00 | 6.891 | 69 | 6.592 | 66 | 80-120 | 4 | 0-20 | 3 |
| 2-Methylnaphthalene | ND | 10.00 | 8.168 | 82 | 7.817 | 78 | 80-120 | 4 | 0-20 | 3 |
| 1-Methylnaphthalene | ND | 10.00 | 7.643 | 76 | 7.282 | 73 | 80-120 | 5 | 0-20 | 3 |
| 2-Methylphenol | ND | 10.00 | 5.069 | 51 | 4.928 | 49 | 80-120 | 3 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 20.00 | 6.732 | 34 | 6.558 | 33 | 80-120 | 3 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 6.920 | 69 | 6.724 | 67 | 38-140 | 3 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 6.833 | 68 | 6.618 | 66 | 80-120 | 3 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 10.00 | 9.698 | 97 | 8.976 | 90 | 80-120 | 8 | 0-20 | |
| Naphthalene | ND | 10.00 | 7.776 | 78 | 7.417 | 74 | 20-140 | 5 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 7.996 | 80 | 7.652 | 77 | 80-120 | 4 | 0-20 | 3 |
| 3-Nitroaniline | ND | 10.00 | 7.818 | 78 | 7.388 | 74 | 80-120 | 6 | 0-20 | 3 |
| 2-Nitroaniline | ND | 10.00 | 7.665 | 77 | 7.184 | 72 | 80-120 | 6 | 0-20 | 3 |
| Nitrobenzene | ND | 10.00 | 6.940 | 69 | 6.602 | 66 | 80-120 | 5 | 0-20 | 3 |
| 4-Nitrophenol | ND | 10.00 | 0.1643 | 2 | 0.1335 | 1 | 14-128 | 21 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0.9202 | 9 | 0.9183 | 9 | 10-124 | 0 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 8.131 | 81 | 7.707 | 77 | 80-120 | 5 | 0-20 | 3 |
| Phenol | ND | 10.00 | 1.280 | 13 | 1.261 | 13 | 22-124 | 1 | 0-20 | 3 |
| Pyrene | ND | 10.00 | 8.885 | 89 | 7.861 | 79 | 31-169 | 12 | 0-20 | |
| Pyridine | ND | 10.00 | 8.283 | 83 | 7.831 | 78 | 80-120 | 6 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 7.690 | 77 | 7.330 | 73 | 56-120 | 5 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB32AA33** | **Sample** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 04:35** | **140731S027** |
| **AB32AA33** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 05:01** | **140731S027** |
| **AB32AA33** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **07/31/14** | **08/01/14 05:27** | **140731S027** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 149.5 | 50.00 | 171.1 | 43 | 180.8 | 63 | 70-130 | 6 | 0-20 | 3 |
| Benzene | ND | 50.00 | 43.45 | 87 | 44.55 | 89 | 61-127 | 3 | 0-20 | |
| Bromobenzene | ND | 50.00 | 40.16 | 80 | 40.58 | 81 | 70-130 | 1 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 45.59 | 91 | 45.14 | 90 | 70-130 | 1 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 22.40 | 45 | 21.02 | 42 | 70-130 | 6 | 0-20 | 3 |
| Bromoform | ND | 50.00 | 30.47 | 61 | 31.44 | 63 | 70-130 | 3 | 0-20 | 3 |
| Bromomethane | ND | 50.00 | 50.91 | 102 | 52.62 | 105 | 70-130 | 3 | 0-20 | |
| 2-Butanone | ND | 50.00 | 50.23 | 100 | 51.06 | 102 | 70-130 | 2 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 32.85 | 66 | 28.74 | 57 | 77-123 | 13 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 34.50 | 69 | 31.60 | 63 | 70-130 | 9 | 0-20 | 3 |
| tert-Butylbenzene | ND | 50.00 | 33.06 | 66 | 31.48 | 63 | 70-130 | 5 | 0-20 | 3 |
| Carbon Disulfide | ND | 50.00 | 27.38 | 55 | 23.59 | 47 | 70-130 | 15 | 0-20 | 3 |
| Carbon Tetrachloride | ND | 50.00 | 41.96 | 84 | 42.89 | 86 | 51-135 | 2 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 42.40 | 85 | 42.30 | 85 | 57-123 | 0 | 0-20 | |
| Chloroethane | ND | 50.00 | 51.12 | 102 | 52.76 | 106 | 70-130 | 3 | 0-20 | |
| Chloroform | ND | 50.00 | 45.65 | 91 | 45.54 | 91 | 70-130 | 0 | 0-20 | |
| Chloromethane | ND | 50.00 | 42.19 | 84 | 44.07 | 88 | 70-130 | 4 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 39.75 | 79 | 39.49 | 79 | 70-130 | 1 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 37.94 | 76 | 38.20 | 76 | 70-130 | 1 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 25.33 | 51 | 24.68 | 49 | 70-130 | 3 | 0-20 | 3 |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 1.085 | 2 | 0.7773 | 2 | 70-130 | 33 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 40.64 | 81 | 41.40 | 83 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 45.69 | 91 | 45.90 | 92 | 70-130 | 0 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 36.86 | 74 | 37.22 | 74 | 35-131 | 1 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 35.59 | 71 | 35.72 | 71 | 70-130 | 0 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 36.11 | 72 | 36.12 | 72 | 70-130 | 0 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 41.99 | 84 | 44.70 | 89 | 70-130 | 6 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 43.48 | 87 | 43.92 | 88 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 45.82 | 92 | 47.41 | 95 | 70-130 | 3 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 77.78 | 156 | 79.32 | 159 | 47-143 | 2 | 0-25 | 3 |
| c-1,2-Dichloroethene | ND | 50.00 | 44.20 | 88 | 45.06 | 90 | 70-130 | 2 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 44.24 | 88 | 45.34 | 91 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 43.85 | 88 | 44.71 | 89 | 79-115 | 2 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 43.17 | 86 | 44.41 | 89 | 70-130 | 3 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 35.10 | 70 | 34.92 | 70 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 45.64 | 91 | 45.99 | 92 | 70-130 | 1 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 36.60 | 73 | 37.66 | 75 | 70-130 | 3 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 35.31 | 71 | 36.33 | 73 | 70-130 | 3 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 42.26 | 85 | 41.98 | 84 | 57-129 | 1 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 44.92 | 90 | 45.65 | 91 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 40.79 | 82 | 39.61 | 79 | 70-130 | 3 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 33.36 | 67 | 31.36 | 63 | 70-130 | 6 | 0-20 | 3 |
| Methylene Chloride | ND | 50.00 | 43.14 | 86 | 44.98 | 90 | 70-130 | 4 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 41.77 | 84 | 45.37 | 91 | 70-130 | 8 | 0-20 | |
| Naphthalene | ND | 50.00 | 32.41 | 65 | 33.79 | 68 | 70-130 | 4 | 0-20 | 3 |
| n-Propylbenzene | ND | 50.00 | 40.21 | 80 | 38.25 | 76 | 70-130 | 5 | 0-20 | |
| Styrene | ND | 50.00 | 41.40 | 83 | 41.27 | 83 | 70-130 | 0 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 28.43 | 57 | 27.66 | 55 | 70-130 | 3 | 0-20 | 3 |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.8158 | 2 | 0.8971 | 2 | 70-130 | 9 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 57.00 | 114 | 56.42 | 113 | 70-130 | 1 | 0-20 | |
| Toluene | ND | 50.00 | 45.36 | 91 | 45.99 | 92 | 63-123 | 1 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 24.84 | 50 | 25.03 | 50 | 70-130 | 1 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 25.09 | 50 | 24.88 | 50 | 70-130 | 1 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 41.99 | 84 | 43.43 | 87 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 3.137 | 6 | 2.649 | 5 | 70-130 | 17 | 0-20 | 3 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 42.23 | 84 | 42.24 | 84 | 70-130 | 0 | 0-20 | |
| Trichloroethene | ND | 50.00 | 85.62 | 171 | 88.87 | 178 | 44-158 | 4 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 31.05 | 62 | 30.31 | 61 | 70-130 | 2 | 0-20 | 3 |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 37.43 | 75 | 36.76 | 74 | 70-130 | 2 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 55.36 | 111 | 58.16 | 116 | 70-130 | 5 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 38.31 | 77 | 36.82 | 74 | 70-130 | 4 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 1.721 | 3 | 1.477 | 3 | 70-130 | 15 | 0-20 | 3 |
| Vinyl Chloride | ND | 50.00 | 52.46 | 105 | 55.09 | 110 | 49-139 | 5 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 83.76 | 84 | 82.39 | 82 | 70-130 | 2 | 0-20 | |
| o-Xylene | ND | 50.00 | 41.11 | 82 | 40.99 | 82 | 70-130 | 0 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 40.17 | 80 | 41.04 | 82 | 57-123 | 2 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-08-0259-1** | **Sample** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 16:59** | **140805S013** |
| **14-08-0259-1** | **Matrix Spike** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 17:25** | **140805S013** |
| **14-08-0259-1** | **Matrix Spike Duplicate** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 17:52** | **140805S013** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 45.78 | 92 | 46.56 | 93 | 61-127 | 2 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 46.23 | 92 | 48.74 | 97 | 51-135 | 5 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 43.39 | 87 | 44.40 | 89 | 57-123 | 2 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 45.33 | 91 | 47.38 | 95 | 64-124 | 4 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 34.74 | 69 | 37.43 | 75 | 35-131 | 7 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 48.47 | 97 | 49.42 | 99 | 80-120 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 48.68 | 97 | 50.17 | 100 | 47-143 | 3 | 0-25 | |
| Ethylbenzene | ND | 50.00 | 41.73 | 83 | 42.51 | 85 | 57-129 | 2 | 0-22 | |
| Toluene | ND | 50.00 | 45.82 | 92 | 46.59 | 93 | 63-123 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 45.94 | 92 | 47.33 | 95 | 44-158 | 3 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 53.00 | 106 | 56.99 | 114 | 49-139 | 7 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 84.00 | 84 | 86.07 | 86 | 70-130 | 2 | 0-30 | |
| o-Xylene | ND | 50.00 | 42.53 | 85 | 43.64 | 87 | 70-130 | 3 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 45.21 | 90 | 47.06 | 94 | 57-123 | 4 | 0-21 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 19 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **Q16R17** | **Sample** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 21:54** | **140731S031** |
| **Q16R17** | **Matrix Spike** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 22:21** | **140731S031** |
| **Q16R17** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS BB** | **07/31/14** | **07/31/14 22:48** | **140731S031** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 89.89 | 180 | 89.40 | 179 | 70-130 | 1 | 0-20 | 3 |
| Benzene | ND | 50.00 | 43.27 | 87 | 41.78 | 84 | 61-127 | 3 | 0-20 | |
| Bromobenzene | ND | 50.00 | 51.16 | 102 | 49.84 | 100 | 70-130 | 3 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 44.48 | 89 | 44.62 | 89 | 70-130 | 0 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 39.11 | 78 | 36.48 | 73 | 70-130 | 7 | 0-20 | |
| Bromoform | ND | 50.00 | 42.15 | 84 | 41.54 | 83 | 70-130 | 1 | 0-20 | |
| Bromomethane | ND | 50.00 | 36.96 | 74 | 39.44 | 79 | 70-130 | 6 | 0-20 | |
| 2-Butanone | ND | 50.00 | 51.39 | 103 | 54.26 | 109 | 70-130 | 5 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 47.76 | 96 | 45.67 | 91 | 77-123 | 4 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 46.44 | 93 | 45.18 | 90 | 70-130 | 3 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 44.55 | 89 | 43.92 | 88 | 70-130 | 1 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 35.33 | 71 | 35.44 | 71 | 70-130 | 0 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 42.55 | 85 | 42.39 | 85 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 45.58 | 91 | 44.37 | 89 | 57-123 | 3 | 0-20 | |
| Chloroethane | ND | 50.00 | 39.58 | 79 | 43.08 | 86 | 70-130 | 8 | 0-20 | |
| Chloroform | ND | 50.00 | 44.15 | 88 | 43.69 | 87 | 70-130 | 1 | 0-20 | |
| Chloromethane | ND | 50.00 | 36.91 | 74 | 42.90 | 86 | 70-130 | 15 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 46.44 | 93 | 45.26 | 91 | 70-130 | 3 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 43.96 | 88 | 42.76 | 86 | 70-130 | 3 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 41.40 | 83 | 39.65 | 79 | 70-130 | 4 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 26.22 | 52 | 19.12 | 38 | 70-130 | 31 | 0-20 | 3,4 |
| 1,2-Dibromoethane | ND | 50.00 | 49.56 | 99 | 48.75 | 97 | 64-124 | 2 | 0-20 | |
| Dibromomethane | ND | 50.00 | 45.30 | 91 | 44.52 | 89 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 47.01 | 94 | 46.57 | 93 | 35-131 | 1 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 45.49 | 91 | 44.46 | 89 | 70-130 | 2 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 45.79 | 92 | 44.87 | 90 | 70-130 | 2 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 41.51 | 83 | 44.38 | 89 | 70-130 | 7 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 41.17 | 82 | 41.01 | 82 | 70-130 | 0 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 47.77 | 96 | 47.70 | 95 | 70-130 | 0 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 59.09 | 118 | 62.43 | 125 | 47-143 | 6 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 42.29 | 85 | 41.75 | 84 | 70-130 | 1 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 41.70 | 83 | 41.28 | 83 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 42.78 | 86 | 42.20 | 84 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 47.25 | 94 | 45.91 | 92 | 70-130 | 3 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 44.47 | 89 | 43.63 | 87 | 70-130 | 2 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 19 of 19 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 42.59 | 85 | 41.85 | 84 | 70-130 | 2 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 45.31 | 91 | 44.73 | 89 | 70-130 | 1 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 48.70 | 97 | 48.16 | 96 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 47.05 | 94 | 45.08 | 90 | 57-129 | 4 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 48.92 | 98 | 49.00 | 98 | 70-130 | 0 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 49.30 | 99 | 47.22 | 94 | 70-130 | 4 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 47.50 | 95 | 45.94 | 92 | 70-130 | 3 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 43.96 | 88 | 44.25 | 88 | 70-130 | 1 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 64.66 | 129 | 65.26 | 131 | 70-130 | 1 | 0-20 | 3 |
| Naphthalene | ND | 50.00 | 51.22 | 102 | 51.73 | 103 | 70-130 | 1 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 48.81 | 98 | 46.81 | 94 | 70-130 | 4 | 0-20 | |
| Styrene | ND | 50.00 | 48.70 | 97 | 47.63 | 95 | 70-130 | 2 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 43.64 | 87 | 42.39 | 85 | 70-130 | 3 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 3.487 | 7 | 0.1889 | 0 | 70-130 | 179 | 0-20 | 3,4 |
| Tetrachloroethene | ND | 50.00 | 52.04 | 104 | 50.48 | 101 | 70-130 | 3 | 0-20 | |
| Toluene | ND | 50.00 | 44.58 | 89 | 44.43 | 89 | 63-123 | 0 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 48.96 | 98 | 49.08 | 98 | 70-130 | 0 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 50.01 | 100 | 48.99 | 98 | 70-130 | 2 | 0-20 | |
| 1,1,1-Trichloroethane | ND | 50.00 | 44.65 | 89 | 43.13 | 86 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 29.19 | 58 | 23.11 | 46 | 70-130 | 23 | 0-20 | 3,4 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 43.24 | 86 | 42.50 | 85 | 70-130 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 71.65 | 143 | 71.01 | 142 | 44-158 | 1 | 0-20 | |
| 1,2,3-Trichloropropane | ND | 50.00 | 51.49 | 103 | 48.12 | 96 | 70-130 | 7 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 47.48 | 95 | 45.59 | 91 | 70-130 | 4 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 45.92 | 92 | 45.88 | 92 | 70-130 | 0 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 48.98 | 98 | 47.56 | 95 | 70-130 | 3 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.1535 | 0 | 1.576 | 3 | 70-130 | 165 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 38.51 | 77 | 44.99 | 90 | 49-139 | 16 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 95.70 | 96 | 91.61 | 92 | 70-130 | 4 | 0-20 | |
| o-Xylene | ND | 50.00 | 48.39 | 97 | 46.82 | 94 | 70-130 | 3 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 44.71 | 89 | 45.08 | 90 | 57-123 | 1 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **14-07-1897-25** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/02/14 16:32** | **140801S02** |
| **14-07-1897-25** | **PDS** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/02/14 16:41** | **140801S02** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 24.26 | 97 | 75-125 | |
| Arsenic | 0.8790 | 25.00 | 27.25 | 105 | 75-125 | |
| Barium | 125.6 | 25.00 | 151.0 | 4X | 75-125 | Q |
| Beryllium | ND | 25.00 | 26.98 | 108 | 75-125 | |
| Cadmium | ND | 25.00 | 24.45 | 98 | 75-125 | |
| Chromium | 6.918 | 25.00 | 32.75 | 103 | 75-125 | |
| Cobalt | 3.823 | 25.00 | 29.92 | 104 | 75-125 | |
| Copper | 8.814 | 25.00 | 35.66 | 107 | 75-125 | |
| Lead | 10.97 | 25.00 | 34.91 | 96 | 75-125 | |
| Molybdenum | ND | 25.00 | 25.79 | 103 | 75-125 | |
| Nickel | 4.851 | 25.00 | 29.51 | 99 | 75-125 | |
| Selenium | ND | 25.00 | 21.96 | 88 | 75-125 | |
| Silver | 0.2630 | 12.50 | 12.84 | 101 | 75-125 | |
| Thallium | ND | 25.00 | 21.56 | 86 | 75-125 | |
| Vanadium | 21.78 | 25.00 | 48.62 | 107 | 75-125 | |
| Zinc | 55.15 | 25.00 | 78.14 | 92 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **AB30AA31** | **Sample** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/04/14 17:32** | **140801S05** |
| **AB30AA31** | **PDS** | **Concrete** | **ICP 7300** | **08/01/14 00:00** | **08/04/14 17:35** | **140801S05** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 24.12 | 96 | 75-125 | |
| Arsenic | 10.98 | 25.00 | 38.05 | 108 | 75-125 | |
| Barium | 92.11 | 25.00 | 114.8 | 91 | 75-125 | |
| Beryllium | 0.3450 | 25.00 | 27.07 | 107 | 75-125 | |
| Cadmium | ND | 25.00 | 24.11 | 96 | 75-125 | |
| Chromium | 14.46 | 25.00 | 39.80 | 101 | 75-125 | |
| Cobalt | 5.224 | 25.00 | 31.05 | 103 | 75-125 | |
| Copper | 12.37 | 25.00 | 39.12 | 107 | 75-125 | |
| Lead | 2.921 | 25.00 | 27.14 | 97 | 75-125 | |
| Molybdenum | 0.5612 | 25.00 | 26.46 | 104 | 75-125 | |
| Nickel | 16.49 | 25.00 | 40.41 | 96 | 75-125 | |
| Selenium | ND | 25.00 | 25.13 | 101 | 75-125 | |
| Silver | 0.4364 | 12.50 | 13.44 | 104 | 75-125 | |
| Thallium | ND | 25.00 | 20.58 | 82 | 75-125 | |
| Vanadium | 36.49 | 25.00 | 62.84 | 105 | 75-125 | |
| Zinc | 44.89 | 25.00 | 67.45 | 90 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **AB30AA31** | **Sample** | **Concrete** | **Mercury 05** | **08/05/14 00:00** | **08/05/14 12:23** | **140805S01** |
| **AB30AA31** | **PDS** | **Concrete** | **Mercury 05** | **08/05/14 00:00** | **08/05/14 12:29** | **140805S01** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9679 | 116 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 4 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **AF32AE33** | **Sample** | **Concrete** | **Mercury 05** | **08/05/14 00:00** | **08/05/14 15:13** | **140805S04** |
| **AF32AE33** | **PDS** | **Concrete** | **Mercury 05** | **08/05/14 00:00** | **08/05/14 15:19** | **140805S04** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9341 | 112 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2699** | **LCS** | **Solid** | **IC 11** | **08/02/14** | **08/02/14 12:48** | **140802L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20070 | 100 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2697** | **LCS** | **Solid** | **IC 11** | **08/04/14** | **08/04/14 20:57** | **140804L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 18580 | 93 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1063** | **LCS** | **Solid** | **GC 46** | **08/01/14** | **08/02/14 10:05** | **140801B08** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 334.0 | 84 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1060** | **LCS** | **Solid** | **GC 48** | **08/01/14** | **08/01/14 18:41** | **140801B09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 321.4 | 80 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18687** | **LCS** | **Solid** | **ICP 7300** | **08/01/14** | **08/02/14 16:27** | **140801L02** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 26.20 | 105 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 25.06 | 100 | 80-120 | 73-127 | |
| Barium | 25.00 | 26.60 | 106 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.50 | 102 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 26.62 | 106 | 80-120 | 73-127 | |
| Chromium | 25.00 | 26.98 | 108 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 28.72 | 115 | 80-120 | 73-127 | |
| Copper | 25.00 | 26.60 | 106 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.47 | 106 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.94 | 104 | 80-120 | 73-127 | |
| Nickel | 25.00 | 28.00 | 112 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.78 | 95 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.00 | 104 | 80-120 | 73-127 | |
| Thallium | 25.00 | 26.04 | 104 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 26.84 | 107 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.22 | 105 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18699** | **LCS** | **Solid** | **ICP 7300** | **08/01/14** | **08/04/14 17:29** | **140801L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 26.39 | 106 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 26.13 | 105 | 80-120 | 73-127 | |
| Barium | 25.00 | 27.42 | 110 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.82 | 103 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 27.42 | 110 | 80-120 | 73-127 | |
| Chromium | 25.00 | 27.31 | 109 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 30.09 | 120 | 80-120 | 73-127 | |
| Copper | 25.00 | 27.93 | 112 | 80-120 | 73-127 | |
| Lead | 25.00 | 28.18 | 113 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 26.89 | 108 | 80-120 | 73-127 | |
| Nickel | 25.00 | 28.44 | 114 | 80-120 | 73-127 | |
| Selenium | 25.00 | 24.69 | 99 | 80-120 | 73-127 | |
| Silver | 12.50 | 13.57 | 109 | 80-120 | 73-127 | |
| Thallium | 25.00 | 27.66 | 111 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 27.28 | 109 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.60 | 106 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-29** | **LCS** | **Solid** | **Mercury 05** | **08/05/14** | **08/05/14 12:20** | **140805L01D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.9634 | 115 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 8 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-30** | **LCS** | **Solid** | **Mercury 05** | **08/05/14** | **08/05/14 15:10** | **140805L04D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8482 | 102 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2790** | **LCS** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 03:50** | **140806L07** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 80.38 | 80 | 50-135 | |
| Aroclor-1260 | 100.0 | 84.96 | 85 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2789** | **LCS** | **Solid** | **GC 58** | **08/06/14** | **08/07/14 13:42** | **140806L08** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 96.10 | 96 | 50-135 | |
| Aroclor-1260 | 100.0 | 96.50 | 97 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 11 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-18** | **LCS** | **Solid** | **GC/MS CCC** | **08/09/14** | **08/12/14 12:50** | **140809L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.956 | 90 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 8.608 | 86 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.655 | 87 | 52-120 | 41-131 | |
| Aniline | 10.00 | 7.143 | 71 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.667 | 87 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 7.493 | 75 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 12.99 | 130 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 8.770 | 88 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 10.31 | 103 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 9.773 | 98 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.71 | 107 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 8.994 | 90 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 6.071 | 61 | 50-130 | 37-143 | |
| Benzyl Alcohol | 10.00 | 8.266 | 83 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 7.863 | 79 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 7.783 | 78 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 7.026 | 70 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 8.018 | 80 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.333 | 83 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 8.045 | 80 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 8.545 | 85 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 7.553 | 76 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 8.186 | 82 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 8.918 | 89 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 8.088 | 81 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 8.401 | 84 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 8.638 | 86 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 8.422 | 84 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 10.41 | 104 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 8.366 | 84 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 8.358 | 84 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 8.329 | 83 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 8.231 | 82 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 7.828 | 78 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.988 | 90 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 8.299 | 83 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 8.439 | 84 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 8.555 | 86 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 9.070 | 91 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 7.622 | 76 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 9.379 | 94 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 9.221 | 92 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 9.185 | 92 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 8.498 | 85 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 8.253 | 83 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.061 | 81 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 7.843 | 78 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 7.976 | 80 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 10.91 | 109 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 7.809 | 78 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.020 | 90 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 8.416 | 84 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 8.639 | 86 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 17.75 | 89 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 7.770 | 78 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 7.271 | 73 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 9.838 | 98 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 8.391 | 84 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 9.291 | 93 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 8.298 | 83 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 8.298 | 83 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 7.482 | 75 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.741 | 97 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.623 | 86 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 8.900 | 89 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 8.689 | 87 | 54-120 | 43-131 | |
| Phenol | 10.00 | 8.484 | 85 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 8.030 | 80 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 8.663 | 87 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 8.342 | 83 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.111 | 81 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 8.407 | 84 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 13 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-17** | **LCS** | **Solid** | **GC/MS CCC** | **08/09/14** | **08/11/14 19:51** | **140809L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 8.610 | 86 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 8.535 | 85 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 8.434 | 84 | 52-120 | 41-131 | |
| Aniline | 10.00 | 6.927 | 69 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.428 | 84 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 7.941 | 79 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 9.982 | 100 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 8.681 | 87 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 7.999 | 80 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 8.146 | 81 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 9.151 | 92 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 7.244 | 72 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 9.572 | 96 | 50-130 | 37-143 | |
| Benzyl Alcohol | 10.00 | 7.804 | 78 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 7.850 | 78 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 7.622 | 76 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 6.907 | 69 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 8.897 | 89 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.639 | 86 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.106 | 91 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 8.082 | 81 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 6.961 | 70 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 8.318 | 83 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 8.531 | 85 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 7.627 | 76 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 8.288 | 83 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 8.294 | 83 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 8.577 | 86 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 9.214 | 92 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 8.264 | 83 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 8.192 | 82 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 8.323 | 83 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 8.183 | 82 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 7.262 | 73 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 8.756 | 88 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 7.902 | 79 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 8.115 | 81 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 8.290 | 83 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 14 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 9.346 | 93 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 7.791 | 78 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 8.731 | 87 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 8.730 | 87 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 8.100 | 81 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 7.949 | 79 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 8.357 | 84 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.138 | 81 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 8.801 | 88 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 8.052 | 81 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 9.518 | 95 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 7.567 | 76 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 8.744 | 87 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 8.110 | 81 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 8.246 | 82 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 16.44 | 82 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 7.457 | 75 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 7.118 | 71 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 10.19 | 102 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 8.272 | 83 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 8.371 | 84 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 7.765 | 78 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 8.107 | 81 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 7.407 | 74 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 9.101 | 91 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 8.664 | 87 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 9.477 | 95 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 8.511 | 85 | 54-120 | 43-131 | |
| Phenol | 10.00 | 7.889 | 79 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 9.425 | 94 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 8.772 | 88 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 10.00 | 8.316 | 83 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 8.405 | 84 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 8.493 | 85 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 0
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-358** | **LCS** | **Solid** | **GC/MS Q** | **07/31/14** | **08/01/14 02:53** | **140731L051** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 45.50 | 91 | 70-130 | 60-140 | |
| Benzene | 50.00 | 47.14 | 94 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 46.60 | 93 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 48.76 | 98 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 49.33 | 99 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 46.38 | 93 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 51.26 | 103 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 51.24 | 102 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 45.70 | 91 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 46.34 | 93 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 44.28 | 89 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 37.96 | 76 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 46.73 | 93 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 47.47 | 95 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 54.44 | 109 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 44.17 | 88 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 46.82 | 94 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 46.13 | 92 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.69 | 99 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 43.05 | 86 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 47.55 | 95 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.09 | 102 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 46.04 | 92 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 44.95 | 90 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 44.92 | 90 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 45.18 | 90 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 46.44 | 93 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 51.06 | 102 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 45.51 | 91 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 48.90 | 98 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 48.29 | 97 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 47.96 | 96 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 49.05 | 98 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 39.45 | 79 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 48.17 | 96 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 46.83 | 94 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 44.97 | 90 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 5030C |
| | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | Page 16 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 47.72 | 95 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 48.83 | 98 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 48.02 | 96 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 44.79 | 90 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 47.58 | 95 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 49.11 | 98 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 43.22 | 86 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 47.85 | 96 | 70-130 | 60-140 | |
| Styrene | 50.00 | 47.74 | 95 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 46.17 | 92 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 45.14 | 90 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 54.38 | 109 | 70-130 | 60-140 | |
| Toluene | 50.00 | 48.79 | 98 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 39.68 | 79 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 39.40 | 79 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 46.14 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.12 | 102 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 45.25 | 91 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 50.05 | 100 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 44.68 | 89 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 45.26 | 91 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 59.06 | 118 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 46.05 | 92 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 41.70 | 83 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 55.51 | 111 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 94.11 | 94 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 47.61 | 95 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 43.96 | 88 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/30/14
Work Order: 14-07-2066
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-363** | **LCS** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 15:10** | **140805L020** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 60.63 | 121 | 70-130 | 60-140 | |
| Benzene | 50.00 | 46.97 | 94 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 46.21 | 92 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.93 | 104 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 48.48 | 97 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.66 | 99 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 45.08 | 90 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 61.63 | 123 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 43.99 | 88 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 43.89 | 88 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 43.71 | 87 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 42.63 | 85 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 50.65 | 101 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 46.74 | 93 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 43.23 | 86 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 49.37 | 99 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 38.37 | 77 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 45.19 | 90 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 42.98 | 86 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 50.60 | 101 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 45.28 | 91 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 47.60 | 95 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 50.76 | 102 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 44.33 | 89 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 44.02 | 88 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 44.18 | 88 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 39.63 | 79 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 47.07 | 94 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 50.20 | 100 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 47.27 | 95 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 48.21 | 96 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 49.63 | 99 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 47.33 | 95 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 48.04 | 96 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 46.41 | 93 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 49.32 | 99 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 49.45 | 99 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 46.21 | 92 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.52 | 103 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 46.70 | 93 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 43.41 | 87 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 46.51 | 93 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.74 | 101 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 43.28 | 87 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 46.55 | 93 | 70-130 | 60-140 | |
| Styrene | 50.00 | 45.82 | 92 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 46.85 | 94 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 46.35 | 93 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 50.66 | 101 | 70-130 | 60-140 | |
| Toluene | 50.00 | 48.55 | 97 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 39.49 | 79 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 40.04 | 80 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 47.33 | 95 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 49.23 | 98 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.31 | 97 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 49.19 | 98 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 50.03 | 100 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 42.50 | 85 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 47.67 | 95 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 44.57 | 89 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 47.60 | 95 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 45.65 | 91 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 92.72 | 93 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 45.83 | 92 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 44.92 | 90 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 19 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-357** | **LCS** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 20:01** | **140731L038** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 50.88 | 102 | 70-130 | 60-140 | |
| Benzene | 50.00 | 46.50 | 93 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 52.48 | 105 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 49.99 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 47.24 | 94 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.06 | 98 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 44.41 | 89 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 48.64 | 97 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 50.00 | 100 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.05 | 98 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 49.63 | 99 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.56 | 89 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 44.39 | 89 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.26 | 97 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 45.43 | 91 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 47.57 | 95 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 45.85 | 92 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 47.84 | 96 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 47.00 | 94 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 52.62 | 105 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 46.92 | 94 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.89 | 100 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 48.82 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 43.68 | 87 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 48.08 | 96 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 48.00 | 96 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 46.17 | 92 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 47.11 | 94 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 46.87 | 94 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 46.86 | 94 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 45.42 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 46.26 | 93 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 51.19 | 102 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 20 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 49.73 | 99 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.11 | 102 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 50.00 | 100 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.58 | 103 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.94 | 102 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 53.22 | 106 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.52 | 99 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.10 | 102 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 48.62 | 97 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 51.94 | 104 | 70-130 | 60-140 | |
| Toluene | 50.00 | 47.57 | 95 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 51.87 | 104 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 45.89 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 50.18 | 100 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 45.97 | 92 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 48.55 | 97 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 52.52 | 105 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 49.69 | 99 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 46.02 | 92 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.06 | 100 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 55.56 | 111 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 48.39 | 97 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.38 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.55 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.58 | 97 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 22 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-360** | **LCS** | **Solid** | **GC/MS BB** | **07/31/14** | **07/31/14 20:01** | **140731L058** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 50.88 | 102 | 70-130 | 60-140 | |
| Benzene | 50.00 | 46.50 | 93 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 52.48 | 105 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 49.99 | 100 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 47.24 | 94 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.06 | 98 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 44.41 | 89 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 48.64 | 97 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 50.00 | 100 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 49.05 | 98 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 49.63 | 99 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 44.56 | 89 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 44.39 | 89 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.26 | 97 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 45.43 | 91 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 47.57 | 95 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 45.85 | 92 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 47.84 | 96 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 47.00 | 94 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 52.62 | 105 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 46.92 | 94 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 49.89 | 100 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 48.82 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.02 | 98 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 43.68 | 87 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 48.08 | 96 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 48.00 | 96 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 46.17 | 92 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 47.11 | 94 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 46.87 | 94 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 46.86 | 94 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 45.42 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 46.26 | 93 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 50.07 | 100 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 51.19 | 102 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/30/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2066 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 22 of 22 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 49.73 | 99 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.11 | 102 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 50.00 | 100 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 51.58 | 103 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.94 | 102 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 53.22 | 106 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 49.52 | 99 | 70-130 | 60-140 | |
| Styrene | 50.00 | 51.10 | 102 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 48.62 | 97 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 51.94 | 104 | 70-130 | 60-140 | |
| Toluene | 50.00 | 47.57 | 95 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 50.55 | 101 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 51.87 | 104 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 45.89 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 50.18 | 100 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 45.97 | 92 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 48.55 | 97 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 52.52 | 105 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 49.69 | 99 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 46.02 | 92 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.06 | 100 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 55.56 | 111 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 48.39 | 97 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.38 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.55 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 48.58 | 97 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 14-07-2066 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 921 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 628 | GC 46 | 1 |
| EPA 8015B (M) | EPA 3550B | 628 | GC 48 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 58 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8260B | EPA 5030C | 823 | GC/MS BB | 2 |
| EPA 8270C | EPA 3545 | 513 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-07-2066 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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## Virendra Patel

**From:** Boston, Scott [SBoston@haleyaldrich.com]
**Sent:** Thursday, July 31, 2014 8:23 AM
**To:** Virendra Patel; Simpson, Marc D.
**Cc:** Erick Ovalle
**Subject:** RE: UTC Canoga - 14-07-2066 <response requested>

Virendra & Eric,

Sample # 22 on the COC – ID # AC32AB33 is the correct number.

Sorry for the inconvenience.

SB

Scott A. Boston, CIH, CSP, CPEA
Chief Regulatory Specialist
Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa CA 92626
+1.714.371.1816 Direct
+1.714.371.1866 Facsimile
+1.951.288.9371 Mobile
sboston@haleyaldrich.com
HaleyAldrich.com

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---

**From:** Virendra Patel [mailto:VirendraPatel@eurofinsUS.com]
**Sent:** Thursday, July 31, 2014 7:31 AM
**To:** Boston, Scott; Simpson, Marc D.
**Cc:** Erick Ovalle
**Subject:** UTC Canoga - 14-07-2066 <response requested>

Scott/Marc,

Good Morning. For the attached CO, sample #22 on the COC has a sample ID of AC32A**B**33 but the sample label reads AC32A**A**33?

Please advise which sample ID is correct either by e-mail or update the COC page and send back. Thank you!

Best Regards,

Virendra Patel
Project Manager

Eurofins Calscience, Inc.
Phone: +1 714 895 5494

Email: VirendraPatel@eurofinsUS.com

**From:** noreply@calscience.com [mailto:noreply@calscience.com]
**Sent:** Wednesday, July 30, 2014 9:09 PM
**To:** vpatel@calscience.com; ncruise@calscience.com
**Subject:** ***COC!!!***

PLEASE SEE ATTACHMENT...

Click here to report this email as spam.

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY **14-07-2066**

Date 7.30.14

Page 1 of 3

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015m | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6+, 7199 | Metals Cam 17/6000/7000 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Q15 R16 | 7-30.14 | 0730 | Conc core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 2 | Q16 R17 | ↓ | 0745 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 3 | R32 S33 | ↓ | 0805 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 4 | Q32 R33 | ↓ | 0815 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 5 | Q31 R32 | ↓ | 0825 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 6 | O32 Q33 | ↓ | 0900 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 7 | N30 O31 | ↓ | 0910 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 8 | M32 N33 | ↓ | 0920 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 9 | N26 O29 | ↓ | 0930 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 10 | N24 O25 | ↓ | 0940 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |

| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
|---|---|---|---|
| [signature] | [signature] ECI | 7/30/14 | 15:00 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| [signature] | Danny le ECI | 7/30/14 | 17:45 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| | | | |

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-2066

Date 7.30.14 3

Page 2 of

LABORATORY CLIENT: Haley + Aldrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Carmel Park

P.O. NO.: 32549-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH(g) ☐ GRO | TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015m | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrom 6+ 7199 | Metals (Cam17) 6010/6020 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | N29 O30 | 7.30.14 | 0840 | core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | |
| 12 | J31 K32 | | 1115 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | F31 G32 | | 1130 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | F32 G33 | | 1140 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | H29 J30 | | 1150 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | G29 H30 | | 1200 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | D29 E30 | | 1240 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | D30 E31 | | 1250 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | A30 C31 | | 1300 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | A32 C33 | | 1310 | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/30/14 | Time: 15:00 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/30/14 | Time: 17:45 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-2066

Date: 7.30.13

Page 3 of 3

LABORATORY CLIENT: Haley Hadrich

ADDRESS: 3187 Redhill Ave #155

CITY: Costa Mesa STATE: Ca ZIP: 92626

TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park

P.O. NO.: 32594-506

PROJECT CONTACT: Scott Boston

SAMPLER(S): (PRINT) M. Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015m | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6+ 7199 | metals (Comm 17) 6000/7000 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | AB32 AA33 | 7.30.13 | 1320 | Conc core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 22 | AC32 AB33 | ↓ | 1330 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 23 | AF32 AE33 | ↓ | 1340 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |
| 24 | AB30 AA31 | ↓ | 1350 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | ↓ | | |

| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
|---|---|---|---|
| [signature] | [signature] ECI | 7/30/14 | 15:00 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| [signature] | [signature] ECI | 7/30/14 | 17:45 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
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WORK ORDER #: 14-07-2066

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley & Aldrich

DATE: 07/30/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 3.3 °C - 0.3 °C (CF) = 3.0 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: 820

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Checked by: 920

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ 7/30/14 | ☑ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑ 2

**Aqueous:** ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: 920

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope Reviewed by: 862

Preservative: **h:** HCL **n:** $HNO_3$ **na$_2$:** $Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered Scanned by: 862

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WORK ORDER #: 14-07-2066

# SAMPLE ANOMALY FORM

## SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample label(s) do not match COC** – Note in comments
  - ☑ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

(-22) Labeled as: AC32AA33 7/30/14 13:30

## HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

| Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Vials Received | Sample # | Container ID(s) | # of Cont. received | Analysis |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Comments: _____

*Transferred at Client's request.

Initial / Date: AG2 07/30/14



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# WORK ORDER NUMBER: 14-07-2158

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park / 32594-506

**Attention:** Scott Boston
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 08/15/2014 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park / 32594-506
Work Order Number: 14-07-2158


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# Work Order Narrative

Work Order: 14-07-2158 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/31/14. They were assigned to Work Order 14-07-2158.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2158 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | PO Number: | |
| | | Date/Time Received: | 07/31/14 17:30 |
| | | Number of Containers: | 16 |
| Attn: | Scott Boston | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| A31C32 | 14-07-2158-1 | 07/31/14 07:00 | 1 | Concrete |
| A29C30 | 14-07-2158-2 | 07/31/14 07:15 | 1 | Concrete |
| AB29AA30 | 14-07-2158-3 | 07/31/14 07:40 | 1 | Concrete |
| AB24AA25 | 14-07-2158-4 | 07/31/14 08:00 | 1 | Concrete |
| AD15AC16 | 14-07-2158-5 | 07/31/14 08:10 | 1 | Concrete |
| C26D29 | 14-07-2158-6 | 07/31/14 08:50 | 1 | Concrete |
| D26E29 | 14-07-2158-7 | 07/31/14 09:20 | 1 | Concrete |
| K13L14 | 14-07-2158-8 | 07/31/14 09:50 | 1 | Concrete |
| L13M14 | 14-07-2158-9 | 07/31/14 10:00 | 1 | Concrete |
| M6N9 | 14-07-2158-10 | 07/31/14 10:20 | 1 | Concrete |
| J17K18 | 14-07-2158-11 | 07/31/14 10:40 | 1 | Concrete |
| J24K25 | 14-07-2158-12 | 07/31/14 10:50 | 1 | Concrete |
| E21F22 | 14-07-2158-13 | 07/31/14 11:10 | 1 | Concrete |
| E5F6 | 14-07-2158-14 | 07/31/14 11:40 | 1 | Concrete |
| F1G2 | 14-07-2158-15 | 07/31/14 11:50 | 1 | Concrete |
| H9G10 | 14-07-2158-16 | 07/31/14 12:35 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A31C32 (14-07-2158-1) | | | | | | |
| Arsenic | 1.18 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 128 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.254 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.226 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.33 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.18 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 36.7 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.96 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.184 | J | 0.132* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.30 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.237 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.4 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.6 | B | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0211 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Aroclor-1254 | 16 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 8.3 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.22 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2158 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/31/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A29C30 (14-07-2158-2) | | | | | | |
| Arsenic | 0.578 | J | 0.258* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 89.0 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.244 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.475 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.20 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.96 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.7 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.78 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.230 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.51 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.351 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.4 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.7 | B | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0471 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| Aroclor-1254 | 44 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 32 | J | 11* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 56 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.1 | J | 3.8* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.23 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.23 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 1.3 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 0.81 | J | 0.27* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 3.8 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.25 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Fluoranthene | 0.53 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
| Attn: | Scott Boston | | Page 3 of 14 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AB29AA30 (14-07-2158-3) | | | | | | |
| Arsenic | 1.65 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 265 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.268 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.64 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.71 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 16.4 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.37 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.313 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.75 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.183 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.5 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 20.2 | B | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 980 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0195 | J | 0.00542* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 27 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.18 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| AB24AA25 (14-07-2158-4) | | | | | | |
| Arsenic | 1.06 | | 0.728 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 117 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.305 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.136 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.5 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.37 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.7 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 5.10 | | 0.485 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.77 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.240 | J | 0.0832* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.1 | | 0.243 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 31.0 | B | 0.971 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3100 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0347 | J | 0.00652* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 10 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.23 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
| Attn: | Scott Boston | | Page 4 of 14 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AD15AC16 (14-07-2158-5) | | | | | | |
| Arsenic | 6.57 | | 0.761 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 123 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.308 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.82 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.85 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 13.5 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.64 | | 0.508 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.323 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 16.8 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.308 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 32.8 | | 0.254 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 28.1 | B | 1.02 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0190 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 19 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| C26D29 (14-07-2158-6) | | | | | | |
| Arsenic | 5.02 | | 0.732 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 107 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.269 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 14.0 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.08 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 9.72 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.24 | | 0.488 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.289 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.52 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.416 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.6 | | 0.244 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 20.3 | B | 0.976 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0146 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 46 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D26E29 (14-07-2158-7) | | | | | | |
| Barium | 214 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.274 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.23 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.02 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.3 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 13.7 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.557 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.45 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.118 | J | 0.0840* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.0 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 51.7 | B | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 470 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0558 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.2 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C7 | 2.3 | J | 2.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 47 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 48 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 5.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 9.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 7.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 5.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 4.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.0 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 2.8 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 190 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1600 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 580 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 58 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 34 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.5 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.37 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.7 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 7.4 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 180 | | 50 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 0.76 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 0.92 | J | 0.51* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
| Attn: | Scott Boston | | Page 6 of 14 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 30 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 2.2 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 7.4 | | 5.0 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.6 | J | 0.55* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 15 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.18 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.19 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 4.1 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.25 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |
| K13L14 (14-07-2158-8) | | | | | | |
| Arsenic | 0.904 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 116 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.233 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.74 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.42 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 17.4 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.66 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.208 | J | 0.131* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.24 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.239 | J | 0.0853* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.2 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 37.7 | B | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0159 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Aroclor-1254 | 33 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 61 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.38 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 4.1 | J | 0.79* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2158 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/31/14 |
| Attn: | Scott Boston | | Page 7 of 14 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| L13M14 (14-07-2158-9) | | | | | | |
| Barium | 244 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.245 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.143 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.68 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.33 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.8 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.699 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.79 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.214 | J | 0.0849* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 27.8 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 54.1 | B | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0191 | J | 0.00587* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 2.4 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 55 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 53 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 8.0 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 9.9 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 46 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 9.5 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 1.9 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.7 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 3.2 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.7 | J | 2.4* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 4.1 | J | 2.5* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 200 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 21 | J | 12* | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 47 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 51 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 1.8 | J | 0.56* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.27 | J | 0.22* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 1.0 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Isopropylbenzene | 0.82 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 8.8 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 10000 | | 5100 | ug/kg | EPA 8260B | EPA 5030C |
| n-Propylbenzene | 4.0 | J | 0.49* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 1.2 | J | 0.50* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 41 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| 1,3,5-Trimethylbenzene | 6.1 | | 4.9 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 4.0 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.8 | J | 0.54* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 26 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.36 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.24 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 5.6 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| M6N9 (14-07-2158-10) | | | | | | |
| Arsenic | 0.694 | J | 0.255* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 95.8 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.219 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 10.9 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.37 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 26.8 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.36 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.62 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.199 | J | 0.0844* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.8 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 47.0 | B | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0231 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.29 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 9.8 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.45 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 5.6 | J | 0.79* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.21 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J17K18 (14-07-2158-11) | | | | | | |
| Arsenic | 3.38 | | 0.750 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 104 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.222 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.22 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.19 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.3 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.45 | | 0.500 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.337 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.71 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.132 | J | 0.0857* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.9 | | 0.250 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 41.0 | B | 1.00 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 480 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0172 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 0.31 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 5.3 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 18 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 24 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 41 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 49 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 26 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 10 | | 5.1 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 170 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 89 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 96 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 15 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.20 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.22 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc. | Work Order: | 14-07-2158 |
| | 3187 Red Hill Avenue, Suite 155 | Project Name: | UTC Canoga Park / 32594-506 |
| | Costa Mesa, CA 92626-3453 | Received: | 07/31/14 |
| Attn: | Scott Boston | | |



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J24K25 (14-07-2158-12) | | | | | | |
| Arsenic | 0.440 | J | 0.249* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 255 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.253 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.47 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.79 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 24.7 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 9.92 | | 0.481 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.510 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.96 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.309 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.1 | | 0.240 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 49.3 | B | 0.962 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 840 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0120 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 4.1 | J | 0.20* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 88 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 100 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C13-C14 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C15-C16 | 8.3 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 38 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 18 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 14 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 17 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 20 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 17 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 11 | | 4.9 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.5 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 350 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1254 | 1800 | | 500 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 930 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 87 | J | 6.5* | ug/kg | EPA 8260B | EPA 5030C |
| 2-Butanone | 4.1 | J | 3.9* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 62 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| sec-Butylbenzene | 2.6 | J | 0.60* | ug/kg | EPA 8260B | EPA 5030C |
| Chlorobenzene | 0.33 | J | 0.23* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 3.6 | J | 0.16* | ug/kg | EPA 8260B | EPA 5030C |
| p-Isopropyltoluene | 15 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 15000 | | 5000 | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| n-Propylbenzene | 1.5 | J | 0.52* | ug/kg | EPA 8260B | EPA 5030C |
| Toluene | 100 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 57 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| 1,3,5-Trimethylbenzene | 3.7 | J | 0.57* | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 14 | | 5.2 | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 4.5 | J | 0.58* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 19 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.23 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| 2-Methylnaphthalene | 0.41 | J | 0.094* | mg/kg | EPA 8270C | EPA 3545 |
| 1-Methylnaphthalene | 0.11 | J | 0.095* | mg/kg | EPA 8270C | EPA 3545 |
| Naphthalene | 9.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Phenol | 0.39 | J | 0.14* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2158 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
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**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E21F22 (14-07-2158-13) | | | | | | |
| Arsenic | 0.977 | | 0.743 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 127 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.282 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.30 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.61 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.6 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 15.8 | | 0.495 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.611 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.17 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.333 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 21.0 | | 0.248 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 55.5 | B | 0.990 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 620 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0218 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| C6 | 3.4 | J | 0.21* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 40 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C17-C18 | 5.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 48 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 70 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 84 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 110 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 520 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1248 | 98 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1254 | 520 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Aroclor-1260 | 270 | | 50 | ug/kg | EPA 8082 | EPA 3545 |
| Acetone | 32 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 1.1 | J | 0.12* | ug/kg | EPA 8260B | EPA 5030C |
| n-Butylbenzene | 0.38 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Ethylbenzene | 0.21 | J | 0.15* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 4.6 | J | 0.78* | ug/kg | EPA 8260B | EPA 5030C |
| 1,2,4-Trimethylbenzene | 17 | | 4.8 | ug/kg | EPA 8260B | EPA 5030C |
| p/m-Xylene | 1.6 | J | 0.26* | ug/kg | EPA 8260B | EPA 5030C |
| o-Xylene | 2.0 | J | 0.53* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 29 | | 2.5 | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.13 | J | 0.096* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 14-07-2158 |
| | | Project Name: | UTC Canoga Park / 32594-506 |
| | | Received: | 07/31/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| Di-n-Butyl Phthalate | 2.7 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.20 | J | 0.18* | mg/kg | EPA 8270C | EPA 3545 |
| 3/4-Methylphenol | 0.46 | J | 0.24* | mg/kg | EPA 8270C | EPA 3545 |
| E5F6 (14-07-2158-14) | | | | | | |
| Arsenic | 0.323 | J | 0.262* | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 134 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.256 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.152 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.18 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.43 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 29.5 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 11.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.248 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.24 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.213 | J | 0.0866* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 22.8 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 54.1 | B | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1200 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0127 | J | 0.00629* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 2.9 | J | 1.8* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.1 | J | 1.7* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.6 | J | 1.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 5.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 8.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 4.8 | J | 2.6* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 27 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 29 | J | 6.0* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 4.0 | J | 0.78* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order:<br>Project Name:<br>Received: | 14-07-2158<br>UTC Canoga Park / 32594-506<br>07/31/14 |
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| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F1G2 (14-07-2158-15) | | | | | | |
| Arsenic | 3.19 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 114 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.223 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.60 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.28 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.84 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.24 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.276 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 17.0 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.294 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 34.8 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 28.8 | B | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1800 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0185 | J | 0.00618* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 14 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| H9G10 (14-07-2158-16) | | | | | | |
| Barium | 99.3 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.219 | J | 0.134* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.96 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.45 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 27.5 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 12.8 | | 0.490 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.520 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.61 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.279 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.1 | | 0.245 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 46.2 | B | 0.980 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 770 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.00857 | J | 0.00578* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 23 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 10:44** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 10:50** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 10:57** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 980 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:03** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3100 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:09** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1000 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:15** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2800 | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:22** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 470 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:28** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1600 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:34** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1600 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:40** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2700 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 12:24** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 480 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 12:30** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 840 | 400 | 29 | 10.0 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 12:37** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 620 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 13:03** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1200 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 13:09** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1800 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H9G10** | **14-07-2158-16-A** | **07/31/14 12:35** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 13:16** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 770 | 400 | 29 | 10.0 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2700** | **N/A** | **Solid** | **IC 11** | **08/05/14** | **08/06/14 10:11** | **140805L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 29 | 10.0 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 19:29** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 56 | 61-145 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 19:45** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.1 | 0.21 | 1.00 | |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.1 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.1 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.1 | 1.9 | 1.00 | |
| C21-C22 | ND | 5.1 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.1 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.1 | 2.5 | 1.00 | |
| C29-C32 | ND | 5.1 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.1 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 67 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 20:01** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 4.9 | 0.20 | 1.00 | |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | ND | 4.9 | 3.0 | 1.00 | |
| C11-C12 | ND | 4.9 | 1.7 | 1.00 | |
| C13-C14 | ND | 4.9 | 1.7 | 1.00 | |
| C15-C16 | ND | 4.9 | 1.8 | 1.00 | |
| C17-C18 | ND | 4.9 | 1.8 | 1.00 | |
| C19-C20 | ND | 4.9 | 1.8 | 1.00 | |
| C21-C22 | ND | 4.9 | 1.7 | 1.00 | |
| C23-C24 | ND | 4.9 | 1.6 | 1.00 | |
| C25-C28 | ND | 4.9 | 2.4 | 1.00 | |
| C29-C32 | ND | 4.9 | 2.4 | 1.00 | |
| C33-C36 | ND | 4.9 | 2.5 | 1.00 | |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 64 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 17 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 20:16** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.1 | 0.21 | 1.00 | |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.1 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.1 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.1 | 1.9 | 1.00 | |
| C21-C22 | ND | 5.1 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.1 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.1 | 2.5 | 1.00 | |
| C29-C32 | ND | 5.1 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.1 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 61 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 20:48** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.6 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 57 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 21:04** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 49 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 21:20** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.2 | 5.0 | 0.21 | 1.00 | J |
| C7 | 2.3 | 5.0 | 2.3 | 1.00 | J |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 47 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | 48 | 5.0 | 1.7 | 1.00 | |
| C13-C14 | 5.2 | 5.0 | 1.7 | 1.00 | |
| C15-C16 | 9.0 | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 42 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 14 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 7.7 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 5.7 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 4.7 | 5.0 | 2.4 | 1.00 | J |
| C29-C32 | 3.0 | 5.0 | 2.4 | 1.00 | J |
| C33-C36 | 2.8 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 190 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 71 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 21:35** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.6 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 40 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 17 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 21:51** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 2.4 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 55 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 53 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 8.0 | 4.9 | 1.7 | 1.00 | |
| C15-C16 | 9.9 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 46 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 9.5 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 1.9 | 4.9 | 1.7 | 1.00 | J |
| C23-C24 | 2.7 | 4.9 | 1.6 | 1.00 | J |
| C25-C28 | 3.2 | 4.9 | 2.4 | 1.00 | J |
| C29-C32 | 3.7 | 4.9 | 2.4 | 1.00 | J |
| C33-C36 | 4.1 | 4.9 | 2.5 | 1.00 | J |
| C37-C40 | ND | 4.9 | 1.6 | 1.00 | |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 200 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 83 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 22:07** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.29 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.7 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.6 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 22:23** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 0.31 | 5.1 | 0.21 | 1.00 | J |
| C7 | ND | 5.1 | 2.3 | 1.00 | |
| C8 | ND | 5.1 | 2.5 | 1.00 | |
| C9-C10 | ND | 5.1 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.1 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.1 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.1 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.1 | 1.8 | 1.00 | |
| C19-C20 | 5.3 | 5.1 | 1.9 | 1.00 | |
| C21-C22 | 18 | 5.1 | 1.8 | 1.00 | |
| C23-C24 | 24 | 5.1 | 1.7 | 1.00 | |
| C25-C28 | 41 | 5.1 | 2.5 | 1.00 | |
| C29-C32 | 49 | 5.1 | 2.5 | 1.00 | |
| C33-C36 | 26 | 5.1 | 2.6 | 1.00 | |
| C37-C40 | 10 | 5.1 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.1 | 1.5 | 1.00 | |
| C6-C44 Total | 170 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 66 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506 Page 12 of 17

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 22:39** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 4.1 | 4.9 | 0.20 | 1.00 | J |
| C7 | ND | 4.9 | 2.2 | 1.00 | |
| C8 | ND | 4.9 | 2.4 | 1.00 | |
| C9-C10 | 88 | 4.9 | 3.0 | 1.00 | |
| C11-C12 | 100 | 4.9 | 1.7 | 1.00 | |
| C13-C14 | 11 | 4.9 | 1.7 | 1.00 | |
| C15-C16 | 8.3 | 4.9 | 1.8 | 1.00 | |
| C17-C18 | 38 | 4.9 | 1.8 | 1.00 | |
| C19-C20 | 18 | 4.9 | 1.8 | 1.00 | |
| C21-C22 | 14 | 4.9 | 1.7 | 1.00 | |
| C23-C24 | 17 | 4.9 | 1.6 | 1.00 | |
| C25-C28 | 20 | 4.9 | 2.4 | 1.00 | |
| C29-C32 | 17 | 4.9 | 2.4 | 1.00 | |
| C33-C36 | 11 | 4.9 | 2.5 | 1.00 | |
| C37-C40 | 2.5 | 4.9 | 1.6 | 1.00 | J |
| C41-C44 | ND | 4.9 | 1.5 | 1.00 | |
| C6-C44 Total | 350 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 23:10** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 3.4 | 5.0 | 0.21 | 1.00 | J |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | 40 | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | 5.3 | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 48 | 5.0 | 1.8 | 1.00 | |
| C21-C22 | 70 | 5.0 | 1.7 | 1.00 | |
| C23-C24 | 84 | 5.0 | 1.6 | 1.00 | |
| C25-C28 | 110 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 100 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 42 | 5.0 | 2.6 | 1.00 | |
| C37-C40 | 15 | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 520 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 86 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506 Page 14 of 17

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 23:26** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.7 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | 2.9 | 5.0 | 1.8 | 1.00 | J |
| C21-C22 | 3.1 | 5.0 | 1.7 | 1.00 | J |
| C23-C24 | 2.6 | 5.0 | 1.6 | 1.00 | J |
| C25-C28 | 5.0 | 5.0 | 2.4 | 1.00 | |
| C29-C32 | 8.3 | 5.0 | 2.4 | 1.00 | |
| C33-C36 | 4.8 | 5.0 | 2.6 | 1.00 | J |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | 27 | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 43 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 23:42** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 40 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H9G10** | **14-07-2158-16-A** | **07/31/14 12:35** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 23:57** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.8 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 47 | 61-145 | 2,6 |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-1060** | **N/A** | **Solid** | **GC 48** | **08/01/14** | **08/01/14 18:26** | **140801B09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 0.21 | 1.00 | |
| C7 | ND | 5.0 | 2.3 | 1.00 | |
| C8 | ND | 5.0 | 2.4 | 1.00 | |
| C9-C10 | ND | 5.0 | 3.1 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.7 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.8 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.8 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.8 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.8 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.8 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.7 | 1.00 | |
| C25-C28 | ND | 5.0 | 2.4 | 1.00 | |
| C29-C32 | ND | 5.0 | 2.4 | 1.00 | |
| C33-C36 | ND | 5.0 | 2.6 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.6 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.5 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 4.8 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 76 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 12:56** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 1.18 | 0.750 | 0.259 | 1.00 | |
| Barium | 128 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.254 | 0.250 | 0.137 | 1.00 | |
| Cadmium | 0.226 | 0.500 | 0.135 | 1.00 | J |
| Chromium | 7.33 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 5.18 | 0.250 | 0.148 | 1.00 | |
| Copper | 36.7 | 0.500 | 0.135 | 1.00 | |
| Lead | 1.96 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.184 | 0.250 | 0.132 | 1.00 | J |
| Nickel | 6.30 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.237 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 19.4 | 0.250 | 0.141 | 1.00 | |
| Zinc | 45.6 | 1.00 | 0.178 | 1.00 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:00** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 0.578 | 0.746 | 0.258 | 0.995 | J |
| Barium | 89.0 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.244 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | 0.475 | 0.498 | 0.135 | 0.995 | J |
| Chromium | 9.20 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 4.96 | 0.249 | 0.147 | 0.995 | |
| Copper | 27.7 | 0.498 | 0.134 | 0.995 | |
| Lead | 1.78 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.230 | 0.249 | 0.131 | 0.995 | J |
| Nickel | 7.51 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.351 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 20.4 | 0.249 | 0.141 | 0.995 | |
| Zinc | 45.7 | 0.995 | 0.177 | 0.995 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:01** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 1.65 | 0.758 | 0.262 | 1.01 | |
| Barium | 265 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.268 | 0.253 | 0.138 | 1.01 | |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 9.64 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 5.71 | 0.253 | 0.150 | 1.01 | |
| Copper | 16.4 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.37 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.313 | 0.253 | 0.133 | 1.01 | |
| Nickel | 5.75 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.183 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 15.5 | 0.253 | 0.143 | 1.01 | |
| Zinc | 20.2 | 1.01 | 0.179 | 1.01 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:03** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.728 | 0.145 | 0.971 | |
| Arsenic | 1.06 | 0.728 | 0.252 | 0.971 | |
| Barium | 117 | 0.485 | 0.150 | 0.971 | |
| Beryllium | 0.305 | 0.243 | 0.133 | 0.971 | |
| Cadmium | 0.136 | 0.485 | 0.131 | 0.971 | J |
| Chromium | 11.5 | 0.243 | 0.138 | 0.971 | |
| Cobalt | 5.37 | 0.243 | 0.144 | 0.971 | |
| Copper | 11.7 | 0.485 | 0.131 | 0.971 | |
| Lead | 5.10 | 0.485 | 0.128 | 0.971 | |
| Molybdenum | ND | 0.243 | 0.128 | 0.971 | |
| Nickel | 6.77 | 0.243 | 0.141 | 0.971 | |
| Selenium | ND | 0.728 | 0.291 | 0.971 | |
| Silver | 0.240 | 0.243 | 0.0832 | 0.971 | J |
| Thallium | ND | 0.728 | 0.147 | 0.971 | |
| Vanadium | 22.1 | 0.243 | 0.137 | 0.971 | |
| Zinc | 31.0 | 0.971 | 0.172 | 0.971 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:04** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.761 | 0.151 | 1.02 | |
| Arsenic | 6.57 | 0.761 | 0.263 | 1.02 | |
| Barium | 123 | 0.508 | 0.157 | 1.02 | |
| Beryllium | 0.308 | 0.254 | 0.139 | 1.02 | |
| Cadmium | ND | 0.508 | 0.137 | 1.02 | |
| Chromium | 9.82 | 0.254 | 0.144 | 1.02 | |
| Cobalt | 5.85 | 0.254 | 0.150 | 1.02 | |
| Copper | 13.5 | 0.508 | 0.137 | 1.02 | |
| Lead | 3.64 | 0.508 | 0.134 | 1.02 | |
| Molybdenum | 0.323 | 0.254 | 0.134 | 1.02 | |
| Nickel | 16.8 | 0.254 | 0.147 | 1.02 | |
| Selenium | ND | 0.761 | 0.304 | 1.02 | |
| Silver | 0.308 | 0.254 | 0.0870 | 1.02 | |
| Thallium | ND | 0.761 | 0.154 | 1.02 | |
| Vanadium | 32.8 | 0.254 | 0.143 | 1.02 | |
| Zinc | 28.1 | 1.02 | 0.180 | 1.02 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:05** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | 5.02 | 0.732 | 0.253 | 0.976 | |
| Barium | 107 | 0.488 | 0.151 | 0.976 | |
| Beryllium | 0.269 | 0.244 | 0.134 | 0.976 | |
| Cadmium | ND | 0.488 | 0.132 | 0.976 | |
| Chromium | 14.0 | 0.244 | 0.139 | 0.976 | |
| Cobalt | 4.08 | 0.244 | 0.144 | 0.976 | |
| Copper | 9.72 | 0.488 | 0.131 | 0.976 | |
| Lead | 2.24 | 0.488 | 0.128 | 0.976 | |
| Molybdenum | 0.289 | 0.244 | 0.129 | 0.976 | |
| Nickel | 6.52 | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | 0.416 | 0.244 | 0.0836 | 0.976 | |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | 18.6 | 0.244 | 0.138 | 0.976 | |
| Zinc | 20.3 | 0.976 | 0.173 | 0.976 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:06** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | ND | 0.735 | 0.254 | 0.980 | |
| Barium | 214 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.274 | 0.245 | 0.134 | 0.980 | |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 7.23 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 5.02 | 0.245 | 0.145 | 0.980 | |
| Copper | 24.3 | 0.490 | 0.132 | 0.980 | |
| Lead | 13.7 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.557 | 0.245 | 0.129 | 0.980 | |
| Nickel | 6.45 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.118 | 0.245 | 0.0840 | 0.980 | J |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 19.0 | 0.245 | 0.138 | 0.980 | |
| Zinc | 51.7 | 0.980 | 0.174 | 0.980 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:11** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 0.904 | 0.746 | 0.258 | 0.995 | |
| Barium | 116 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.233 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | ND | 0.498 | 0.135 | 0.995 | |
| Chromium | 9.74 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 5.42 | 0.249 | 0.147 | 0.995 | |
| Copper | 17.4 | 0.498 | 0.134 | 0.995 | |
| Lead | 3.66 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.208 | 0.249 | 0.131 | 0.995 | J |
| Nickel | 7.24 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.239 | 0.249 | 0.0853 | 0.995 | J |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 22.2 | 0.249 | 0.141 | 0.995 | |
| Zinc | 37.7 | 0.995 | 0.177 | 0.995 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:12** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.147 | 0.990 | |
| Arsenic | ND | 0.743 | 0.257 | 0.990 | |
| Barium | 244 | 0.495 | 0.153 | 0.990 | |
| Beryllium | 0.245 | 0.248 | 0.136 | 0.990 | J |
| Cadmium | 0.143 | 0.495 | 0.134 | 0.990 | J |
| Chromium | 7.68 | 0.248 | 0.141 | 0.990 | |
| Cobalt | 6.33 | 0.248 | 0.147 | 0.990 | |
| Copper | 29.8 | 0.495 | 0.133 | 0.990 | |
| Lead | 0.699 | 0.495 | 0.130 | 0.990 | |
| Molybdenum | ND | 0.248 | 0.131 | 0.990 | |
| Nickel | 4.79 | 0.248 | 0.143 | 0.990 | |
| Selenium | ND | 0.743 | 0.297 | 0.990 | |
| Silver | 0.214 | 0.248 | 0.0849 | 0.990 | J |
| Thallium | ND | 0.743 | 0.150 | 0.990 | |
| Vanadium | 27.8 | 0.248 | 0.140 | 0.990 | |
| Zinc | 54.1 | 0.990 | 0.176 | 0.990 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:13** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 0.694 | 0.739 | 0.255 | 0.985 | J |
| Barium | 95.8 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.219 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | ND | 0.493 | 0.133 | 0.985 | |
| Chromium | 10.9 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 5.37 | 0.246 | 0.146 | 0.985 | |
| Copper | 26.8 | 0.493 | 0.133 | 0.985 | |
| Lead | 2.36 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | ND | 0.246 | 0.130 | 0.985 | |
| Nickel | 5.62 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.199 | 0.246 | 0.0844 | 0.985 | J |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 19.8 | 0.246 | 0.139 | 0.985 | |
| Zinc | 47.0 | 0.985 | 0.175 | 0.985 | B |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:14** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | 3.38 | 0.750 | 0.259 | 1.00 | |
| Barium | 104 | 0.500 | 0.154 | 1.00 | |
| Beryllium | 0.222 | 0.250 | 0.137 | 1.00 | J |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | 8.22 | 0.250 | 0.142 | 1.00 | |
| Cobalt | 6.19 | 0.250 | 0.148 | 1.00 | |
| Copper | 28.3 | 0.500 | 0.135 | 1.00 | |
| Lead | 7.45 | 0.500 | 0.132 | 1.00 | |
| Molybdenum | 0.337 | 0.250 | 0.132 | 1.00 | |
| Nickel | 7.71 | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | 0.132 | 0.250 | 0.0857 | 1.00 | J |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | 20.9 | 0.250 | 0.141 | 1.00 | |
| Zinc | 41.0 | 1.00 | 0.178 | 1.00 | B |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:15** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.721 | 0.143 | 0.962 | |
| Arsenic | 0.440 | 0.721 | 0.249 | 0.962 | J |
| Barium | 255 | 0.481 | 0.148 | 0.962 | |
| Beryllium | 0.253 | 0.240 | 0.132 | 0.962 | |
| Cadmium | ND | 0.481 | 0.130 | 0.962 | |
| Chromium | 6.47 | 0.240 | 0.137 | 0.962 | |
| Cobalt | 4.79 | 0.240 | 0.142 | 0.962 | |
| Copper | 24.7 | 0.481 | 0.130 | 0.962 | |
| Lead | 9.92 | 0.481 | 0.127 | 0.962 | |
| Molybdenum | 0.510 | 0.240 | 0.127 | 0.962 | |
| Nickel | 5.96 | 0.240 | 0.139 | 0.962 | |
| Selenium | ND | 0.721 | 0.288 | 0.962 | |
| Silver | 0.309 | 0.240 | 0.0824 | 0.962 | |
| Thallium | ND | 0.721 | 0.146 | 0.962 | |
| Vanadium | 19.1 | 0.240 | 0.136 | 0.962 | |
| Zinc | 49.3 | 0.962 | 0.171 | 0.962 | B |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:16** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.743 | 0.147 | 0.990 | |
| Arsenic | 0.977 | 0.743 | 0.257 | 0.990 | |
| Barium | 127 | 0.495 | 0.153 | 0.990 | |
| Beryllium | 0.282 | 0.248 | 0.136 | 0.990 | |
| Cadmium | ND | 0.495 | 0.134 | 0.990 | |
| Chromium | 7.30 | 0.248 | 0.141 | 0.990 | |
| Cobalt | 5.61 | 0.248 | 0.147 | 0.990 | |
| Copper | 28.6 | 0.495 | 0.133 | 0.990 | |
| Lead | 15.8 | 0.495 | 0.130 | 0.990 | |
| Molybdenum | 0.611 | 0.248 | 0.131 | 0.990 | |
| Nickel | 7.17 | 0.248 | 0.143 | 0.990 | |
| Selenium | ND | 0.743 | 0.297 | 0.990 | |
| Silver | 0.333 | 0.248 | 0.0849 | 0.990 | |
| Thallium | ND | 0.743 | 0.150 | 0.990 | |
| Vanadium | 21.0 | 0.248 | 0.140 | 0.990 | |
| Zinc | 55.5 | 0.990 | 0.176 | 0.990 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:17** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 0.323 | 0.758 | 0.262 | 1.01 | J |
| Barium | 134 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.256 | 0.253 | 0.138 | 1.01 | |
| Cadmium | 0.152 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 9.18 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 6.43 | 0.253 | 0.150 | 1.01 | |
| Copper | 29.5 | 0.505 | 0.136 | 1.01 | |
| Lead | 11.3 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.248 | 0.253 | 0.133 | 1.01 | J |
| Nickel | 7.24 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.213 | 0.253 | 0.0866 | 1.01 | J |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 22.8 | 0.253 | 0.143 | 1.01 | |
| Zinc | 54.1 | 1.01 | 0.179 | 1.01 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:19** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 3.19 | 0.758 | 0.262 | 1.01 | |
| Barium | 114 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.223 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | ND | 0.505 | 0.137 | 1.01 | |
| Chromium | 9.60 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 5.28 | 0.253 | 0.150 | 1.01 | |
| Copper | 8.84 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.24 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.276 | 0.253 | 0.133 | 1.01 | |
| Nickel | 17.0 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.294 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 34.8 | 0.253 | 0.143 | 1.01 | |
| Zinc | 28.8 | 1.01 | 0.179 | 1.01 | B |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H9G10** | **14-07-2158-16-A** | **07/31/14 12:35** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 13:20** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.735 | 0.146 | 0.980 | |
| Arsenic | ND | 0.735 | 0.254 | 0.980 | |
| Barium | 99.3 | 0.490 | 0.151 | 0.980 | |
| Beryllium | 0.219 | 0.245 | 0.134 | 0.980 | J |
| Cadmium | ND | 0.490 | 0.133 | 0.980 | |
| Chromium | 7.96 | 0.245 | 0.139 | 0.980 | |
| Cobalt | 4.45 | 0.245 | 0.145 | 0.980 | |
| Copper | 27.5 | 0.490 | 0.132 | 0.980 | |
| Lead | 12.8 | 0.490 | 0.129 | 0.980 | |
| Molybdenum | 0.520 | 0.245 | 0.129 | 0.980 | |
| Nickel | 6.61 | 0.245 | 0.142 | 0.980 | |
| Selenium | ND | 0.735 | 0.294 | 0.980 | |
| Silver | 0.279 | 0.245 | 0.0840 | 0.980 | |
| Thallium | ND | 0.735 | 0.149 | 0.980 | |
| Vanadium | 15.1 | 0.245 | 0.138 | 0.980 | |
| Zinc | 46.2 | 0.980 | 0.174 | 0.980 | B |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-18698** | **N/A** | **Solid** | **ICP 7300** | **08/04/14** | **08/06/14 12:48** | **140804L07A** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.750 | 0.149 | 1.00 | |
| Arsenic | ND | 0.750 | 0.259 | 1.00 | |
| Barium | ND | 0.500 | 0.154 | 1.00 | |
| Beryllium | ND | 0.250 | 0.137 | 1.00 | |
| Cadmium | ND | 0.500 | 0.135 | 1.00 | |
| Chromium | ND | 0.250 | 0.142 | 1.00 | |
| Cobalt | ND | 0.250 | 0.148 | 1.00 | |
| Copper | ND | 0.500 | 0.135 | 1.00 | |
| Lead | ND | 0.500 | 0.132 | 1.00 | |
| Molybdenum | ND | 0.250 | 0.132 | 1.00 | |
| Nickel | ND | 0.250 | 0.145 | 1.00 | |
| Selenium | ND | 0.750 | 0.300 | 1.00 | |
| Silver | ND | 0.250 | 0.0857 | 1.00 | |
| Thallium | ND | 0.750 | 0.152 | 1.00 | |
| Vanadium | ND | 0.250 | 0.141 | 1.00 | |
| Zinc | 0.214 | 1.00 | 0.178 | 1.00 | J |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:27** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0211 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:38** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0471 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:40** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0195 | 0.0769 | 0.00542 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:43** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0347 | 0.0926 | 0.00652 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:45** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0190 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:47** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0146 | 0.0794 | 0.00559 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:49** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0558 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:51** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0159 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:54** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0191 | 0.0833 | 0.00587 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:56** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0231 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 20:03** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0172 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 20:05** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0120 | 0.0847 | 0.00597 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 20:07** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0218 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 20:09** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0127 | 0.0893 | 0.00629 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 20:11** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0185 | 0.0877 | 0.00618 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H9G10** | **14-07-2158-16-A** | **07/31/14 12:35** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 20:14** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.00857 | 0.0820 | 0.00578 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-280-32** | **N/A** | **Solid** | **Mercury 05** | **08/06/14** | **08/06/14 19:23** | **140806L07D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **GC 31** | **08/06/14** | **08/07/14 21:45** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 16 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 129 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 109 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **GC 31** | **08/06/14** | **08/07/14 22:04** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 44 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | 32 | 50 | 11 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **GC 31** | **08/06/14** | **08/07/14 22:23** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 13:13** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 132 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 13:32** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 141 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 107 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 13:51** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 16:43** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1260 | 580 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 133 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 14:10** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1600 | 500 | 120 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 14:29** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 33 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 14:48** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 21 | 50 | 12 | 1.00 | J |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 135 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 90 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 15:08** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 137 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 15:27** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 13 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | 89 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 96 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 131 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 17:02** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1260 | 930 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 150 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 111 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 15:46** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1800 | 500 | 120 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 127 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 112 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 02:50** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | 98 | 50 | 14 | 1.00 | |
| Aroclor-1254 | 520 | 50 | 12 | 1.00 | |
| Aroclor-1260 | 270 | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 03:09** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 03:28** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 72 | 25-145 | |

| H9G10 | 14-07-2158-16-A | 07/31/14 12:35 | Concrete | GC 31 | 08/06/14 | 08/08/14 03:47 | 140806L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 142 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-2791** | **N/A** | **Solid** | **GC 31** | **08/06/14** | **08/07/14 19:32** | **140806L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 14 | 1.00 | |
| Aroclor-1221 | ND | 50 | 13 | 1.00 | |
| Aroclor-1232 | ND | 50 | 11 | 1.00 | |
| Aroclor-1242 | ND | 50 | 12 | 1.00 | |
| Aroclor-1248 | ND | 50 | 14 | 1.00 | |
| Aroclor-1254 | ND | 50 | 12 | 1.00 | |
| Aroclor-1260 | ND | 50 | 11 | 1.00 | |
| Aroclor-1262 | ND | 50 | 12 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 135 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 122 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 14:03** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.22 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 3 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 28 | 25-120 | |
| Nitrobenzene-d5 | 81 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 73 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 14:22** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 3.8 | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.25 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | 0.53 | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 6 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 42 | 25-120 | |
| Nitrobenzene-d5 | 84 | 33-123 | |
| p-Terphenyl-d14 | 86 | 27-159 | |
| Phenol-d6 | 78 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 14:41** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.18 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 9 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 85 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 45 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 14:59** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.23 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 12 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 10 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 84 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 58 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506 Page 13 of 51

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 15:18** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 15 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 89 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 5 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 15:55** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 18 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 76 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 79 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 20 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 16:14** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.18 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.19 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 4.1 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.25 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 21 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 4 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 72 | 33-123 | |
| p-Terphenyl-d14 | 82 | 27-159 | |
| Phenol-d6 | 55 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 19:57** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 15 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 79 | 27-120 | |
| 2-Fluorophenol | 3 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 46 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 16:32** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 23 of 51 |

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 24 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 38 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 16:51** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 0.36 | 0.50 | 0.096 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.24 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 5.6 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 27 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 80 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 69 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 20:16** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 26 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 83 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 28 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 17:10** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.21 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 30 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 75 | 33-123 | |
| p-Terphenyl-d14 | 78 | 27-159 | |
| Phenol-d6 | 31 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 17:28** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.20 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.22 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 33 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 1 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 80 | 33-123 | |
| p-Terphenyl-d14 | 82 | 27-159 | |
| Phenol-d6 | 36 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 17:47** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.23 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | 0.41 | 0.50 | 0.094 | 1.00 | J |
| 1-Methylnaphthalene | 0.11 | 0.50 | 0.095 | 1.00 | J |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | 9.3 | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | 0.39 | 0.50 | 0.14 | 1.00 | J |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 72 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 18 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/12/14 12:50** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 19 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 73 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 11 | 26-122 | 1,2,6 |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 18:06** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.13 | 0.50 | 0.096 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | 2.7 | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | 0.20 | 0.50 | 0.18 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | 0.46 | 0.50 | 0.24 | 1.00 | J |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 39 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 80 | 33-123 | |
| p-Terphenyl-d14 | 85 | 27-159 | |
| Phenol-d6 | 36 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/12/14 13:09** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 29 | 2.5 | 0.77 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 1,2,6 |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 80 | 27-159 | |
| Phenol-d6 | 33 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 1,2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 18:24** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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## Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 42 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 68 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 74 | 33-123 | |
| p-Terphenyl-d14 | 75 | 27-159 | |
| Phenol-d6 | 30 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 18:43** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 45 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 75 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 83 | 27-159 | |
| Phenol-d6 | 28 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H9G10** | **14-07-2158-16-A** | **07/31/14 12:35** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 19:01** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.098 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.083 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.089 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.77 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.093 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.16 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.098 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.094 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.11 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.31 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 48 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 74 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 78 | 33-123 | |
| p-Terphenyl-d14 | 81 | 27-159 | |
| Phenol-d6 | 27 | 26-122 | |
| 2,4,6-Tribromophenol | 0 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-16** | **N/A** | **Solid** | **GC/MS TT** | **08/10/14** | **08/11/14 13:26** | **140810L01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.079 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.099 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.13 | 1.00 | |
| Aniline | ND | 0.50 | 0.11 | 1.00 | |
| Anthracene | ND | 0.50 | 0.11 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.11 | 1.00 | |
| Benzidine | ND | 5.0 | 1.2 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.19 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.085 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.084 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.090 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.78 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.15 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.11 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.12 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.15 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.12 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.097 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.10 | 1.00 | |
| Chrysene | ND | 0.50 | 0.094 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.096 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.083 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.090 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.12 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.12 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 1.1 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.14 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.16 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.18 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.12 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 1.6 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.72 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.15 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.17 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.11 | 1.00 | |
| Fluorene | ND | 0.50 | 0.11 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.10 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.83 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.11 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.099 | 1.00 | |
| Isophorone | ND | 0.50 | 0.12 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.095 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.14 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.24 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.12 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.12 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.13 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.14 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.16 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.76 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.32 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.13 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 1.3 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.12 | 1.00 | |
| Phenol | ND | 0.50 | 0.14 | 1.00 | |
| Pyrene | ND | 0.50 | 0.10 | 1.00 | |
| Pyridine | ND | 0.50 | 0.33 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.11 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.16 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.15 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| | Units: | mg/kg |
| Project: UTC Canoga Park / 32594-506 | | Page 51 of 51 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 90 | 27-120 | |
| 2-Fluorophenol | 100 | 25-120 | |
| Nitrobenzene-d5 | 92 | 33-123 | |
| p-Terphenyl-d14 | 89 | 27-159 | |
| Phenol-d6 | 102 | 26-122 | |
| 2,4,6-Tribromophenol | 99 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A31C32** | **14-07-2158-1-A** | **07/31/14 07:00** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 18:53** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 8.3 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.80 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 90 | 63-141 | |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A29C30** | **14-07-2158-2-A** | **07/31/14 07:15** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 20:37** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 56 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | 4.1 | 51 | 3.8 | 1.00 | J |
| n-Butylbenzene | 0.23 | 5.1 | 0.16 | 1.00 | J |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | 0.23 | 5.1 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | 1.3 | 5.1 | 0.60 | 1.00 | J |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | 0.81 | 5.1 | 0.27 | 1.00 | J |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 92 | 63-141 | |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB29AA30** | **14-07-2158-3-A** | **07/31/14 07:40** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 21:03** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 27 | 130 | 6.5 | 1.00 | J |
| Benzene | ND | 5.2 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.72 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | ND | 52 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.2 | 0.60 | 1.00 | |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.32 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | ND | 5.2 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| Naphthalene | ND | 52 | 0.84 | 1.00 | |
| n-Propylbenzene | ND | 5.2 | 0.52 | 1.00 | |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | ND | 5.2 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.37 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.2 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.2 | 0.58 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 50 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB24AA25** | **14-07-2158-4-A** | **07/31/14 08:00** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 21:29** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 65 | 63-141 | |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD15AC16** | **14-07-2158-5-A** | **07/31/14 08:10** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 21:55** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 19 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 90 | 60-132 | |
| Dibromofluoromethane | 38 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 117 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C26D29** | **14-07-2158-6-A** | **07/31/14 08:50** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 22:21** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 46 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 121 | 62-146 | |
| Toluene-d8 | 105 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 13 of 37 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29** | **14-07-2158-7-A** | **07/31/14 09:20** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 22:47** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 58 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | 34 | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | 1.5 | 5.0 | 0.58 | 1.00 | J |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | 0.37 | 5.0 | 0.22 | 1.00 | J |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | 1.7 | 5.0 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | 7.4 | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | 180 | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | 0.76 | 5.0 | 0.50 | 1.00 | J |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | 0.92 | 5.0 | 0.51 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | 30 | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | 2.2 | 5.0 | 0.55 | 1.00 | J |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | 7.4 | 5.0 | 0.27 | 1.00 | |
| o-Xylene | 2.6 | 5.0 | 0.55 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 55 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K13L14** | **14-07-2158-8-A** | **07/31/14 09:50** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 23:13** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 61 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.23 | 1.00 | |
| Bromoform | ND | 4.8 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.38 | 4.8 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | 4.1 | 48 | 0.79 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.49 | 1.00 | |
| Styrene | ND | 4.8 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 41 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 23:39** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 47 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 51 | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | 1.8 | 4.9 | 0.56 | 1.00 | J |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.27 | 1.00 | |
| Chlorobenzene | 0.27 | 4.9 | 0.22 | 1.00 | J |
| Chloroethane | ND | 4.9 | 1.4 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | 1.0 | 4.9 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | 0.82 | 4.9 | 0.53 | 1.00 | J |
| p-Isopropyltoluene | 8.8 | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| n-Propylbenzene | 4.0 | 4.9 | 0.49 | 1.00 | J |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | 1.2 | 4.9 | 0.50 | 1.00 | J |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | 41 | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | 6.1 | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | 4.0 | 4.9 | 0.26 | 1.00 | J |
| o-Xylene | 2.8 | 4.9 | 0.54 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 40 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L13M14** | **14-07-2158-9-A** | **07/31/14 10:00** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/05/14 18:18** | **140805L021** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 10000 | 5100 | 84 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 101 | 63-141 | |
| 1,2-Dichloroethane-d4 | 100 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M6N9** | **14-07-2158-10-A** | **07/31/14 10:20** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 00:04** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 9.8 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | 0.45 | 4.9 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | 5.6 | 49 | 0.79 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 43 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18** | **14-07-2158-11-A** | **07/31/14 10:40** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 00:30** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 15 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 39 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 106 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 00:56** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 87 | 130 | 6.5 | 1.00 | J |
| Benzene | ND | 5.2 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.2 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.2 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.2 | 0.24 | 1.00 | |
| Bromoform | ND | 5.2 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.8 | 1.00 | |
| 2-Butanone | 4.1 | 52 | 3.9 | 1.00 | J |
| n-Butylbenzene | 62 | 5.2 | 0.16 | 1.00 | |
| sec-Butylbenzene | 2.6 | 5.2 | 0.60 | 1.00 | J |
| tert-Butylbenzene | ND | 5.2 | 0.16 | 1.00 | |
| Carbon Disulfide | ND | 52 | 0.32 | 1.00 | |
| Carbon Tetrachloride | ND | 5.2 | 0.29 | 1.00 | |
| Chlorobenzene | 0.33 | 5.2 | 0.23 | 1.00 | J |
| Chloroethane | ND | 5.2 | 1.5 | 1.00 | |
| Chloroform | ND | 5.2 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.2 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.2 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.2 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.2 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.2 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.2 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.2 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.2 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.2 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.2 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.2 | 0.33 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.2 | 0.36 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.2 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.2 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.2 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.2 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.2 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.2 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.2 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.2 | 0.63 | 1.00 | |
| Ethylbenzene | 3.6 | 5.2 | 0.16 | 1.00 | J |
| 2-Hexanone | ND | 52 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.2 | 0.57 | 1.00 | |
| p-Isopropyltoluene | 15 | 5.2 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 52 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 52 | 4.5 | 1.00 | |
| n-Propylbenzene | 1.5 | 5.2 | 0.52 | 1.00 | J |
| Styrene | ND | 5.2 | 0.63 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.2 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.2 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.2 | 0.22 | 1.00 | |
| Toluene | 100 | 5.2 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.95 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.2 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.2 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.2 | 0.37 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 52 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.2 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.2 | 0.86 | 1.00 | |
| 1,2,4-Trimethylbenzene | 57 | 5.2 | 0.61 | 1.00 | |
| Trichlorofluoromethane | ND | 52 | 0.39 | 1.00 | |
| 1,3,5-Trimethylbenzene | 3.7 | 5.2 | 0.57 | 1.00 | J |
| Vinyl Acetate | ND | 52 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.2 | 0.52 | 1.00 | |
| p/m-Xylene | 14 | 5.2 | 0.28 | 1.00 | |
| o-Xylene | 4.5 | 5.2 | 0.58 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.2 | 0.31 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 94 | 60-132 | |
| Dibromofluoromethane | 35 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25** | **14-07-2158-12-A** | **07/31/14 10:50** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/05/14 18:45** | **140805L021** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | 15000 | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 98 | 60-132 | |
| Dibromofluoromethane | 101 | 63-141 | |
| 1,2-Dichloroethane-d4 | 104 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E21F22** | **14-07-2158-13-A** | **07/31/14 11:10** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 01:22** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 32 | 120 | 6.0 | 1.00 | J |
| Benzene | 1.1 | 4.8 | 0.12 | 1.00 | J |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.1 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | 0.38 | 4.8 | 0.15 | 1.00 | J |
| sec-Butylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | 0.21 | 4.8 | 0.15 | 1.00 | J |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.2 | 1.00 | |
| Naphthalene | 4.6 | 48 | 0.78 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | 17 | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | 1.6 | 4.8 | 0.26 | 1.00 | J |
| o-Xylene | 2.0 | 4.8 | 0.53 | 1.00 | J |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 115 | 62-146 | |
| Toluene-d8 | 103 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 29 of 37 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E5F6** | **14-07-2158-14-A** | **07/31/14 11:40** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 01:48** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 29 | 120 | 6.0 | 1.00 | J |
| Benzene | ND | 4.8 | 0.12 | 1.00 | |
| Bromobenzene | ND | 4.8 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.8 | 0.66 | 1.00 | |
| Bromodichloromethane | ND | 4.8 | 0.22 | 1.00 | |
| Bromoform | ND | 4.8 | 0.76 | 1.00 | |
| Bromomethane | ND | 24 | 9.0 | 1.00 | |
| 2-Butanone | ND | 48 | 3.6 | 1.00 | |
| n-Butylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.8 | 0.55 | 1.00 | |
| tert-Butylbenzene | ND | 4.8 | 0.14 | 1.00 | |
| Carbon Disulfide | ND | 48 | 0.29 | 1.00 | |
| Carbon Tetrachloride | ND | 4.8 | 0.27 | 1.00 | |
| Chlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.8 | 1.4 | 1.00 | |
| Chloroform | ND | 4.8 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.29 | 1.00 | |
| 2-Chlorotoluene | ND | 4.8 | 0.22 | 1.00 | |
| 4-Chlorotoluene | ND | 4.8 | 0.20 | 1.00 | |
| Dibromochloromethane | ND | 4.8 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.6 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.8 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.8 | 0.74 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.8 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.8 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.8 | 0.21 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.8 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.8 | 0.20 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.8 | 0.30 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.8 | 0.33 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.8 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.8 | 0.42 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.8 | 0.24 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.8 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.8 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.8 | 0.24 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.8 | 0.58 | 1.00 | |
| Ethylbenzene | ND | 4.8 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 48 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.8 | 0.52 | 1.00 | |
| p-Isopropyltoluene | ND | 4.8 | 0.60 | 1.00 | |
| Methylene Chloride | ND | 48 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 48 | 4.1 | 1.00 | |
| Naphthalene | 4.0 | 48 | 0.78 | 1.00 | J |
| n-Propylbenzene | ND | 4.8 | 0.48 | 1.00 | |
| Styrene | ND | 4.8 | 0.58 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.8 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.8 | 0.33 | 1.00 | |
| Tetrachloroethene | ND | 4.8 | 0.20 | 1.00 | |
| Toluene | ND | 4.8 | 0.49 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.6 | 0.88 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.8 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.8 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.8 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 48 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.8 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.8 | 0.80 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.8 | 0.56 | 1.00 | |
| Trichlorofluoromethane | ND | 48 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.8 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 48 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.8 | 0.48 | 1.00 | |
| p/m-Xylene | ND | 4.8 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.8 | 0.53 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.8 | 0.28 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 120 | 62-146 | |
| Toluene-d8 | 102 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| | | Units: | ug/kg |
| Project: UTC Canoga Park / 32594-506 | | | Page 31 of 37 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F1G2** | **14-07-2158-15-A** | **07/31/14 11:50** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 02:14** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 14 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 119 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H9G10** | **14-07-2158-16-A** | **07/31/14 12:35** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/02/14 02:40** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 23 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.77 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.55 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.7 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.75 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.7 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.34 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.36 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 92 | 60-132 | |
| Dibromofluoromethane | 36 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 118 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-361** | **N/A** | **Solid** | **GC/MS Q** | **08/01/14** | **08/01/14 18:01** | **140801L044** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 60-132 | |
| Dibromofluoromethane | 107 | 63-141 | |
| 1,2-Dichloroethane-d4 | 116 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park / 32594-506



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-364** | **N/A** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 16:33** | **140805L021** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Naphthalene | ND | 5000 | 81 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 91 | 60-132 | |
| Dibromofluoromethane | 109 | 63-141 | |
| 1,2-Dichloroethane-d4 | 109 | 62-146 | |
| Toluene-d8 | 104 | 70-130 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 10 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 10:44** | **140805S01P** |
| **A31C32** | **Matrix Spike** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:47** | **140805S01P** |
| **A31C32** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **08/05/14** | **08/06/14 11:53** | **140805S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 1704 | 40000 | 41930 | 101 | 42630 | 102 | 75-125 | 2 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 10 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 19:29** | **140801S09** |
| **A31C32** | **Matrix Spike** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 18:57** | **140801S09** |
| **A31C32** | **Matrix Spike Duplicate** | **Concrete** | **GC 48** | **08/01/14** | **08/01/14 19:13** | **140801S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | ND | 400.0 | 310.7 | 78 | 324.4 | 81 | 64-130 | 4 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 10 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 12:56** | **140804S07** |
| **A31C32** | **Matrix Spike** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 12:57** | **140804S07** |
| **A31C32** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **08/04/14** | **08/06/14 12:58** | **140804S07** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 7.269 | 29 | 8.165 | 33 | 50-115 | 12 | 0-20 | 3 |
| Arsenic | 1.185 | 25.00 | 26.32 | 101 | 27.05 | 103 | 75-125 | 3 | 0-20 | |
| Barium | 128.1 | 25.00 | 174.8 | 4X | 165.9 | 4X | 75-125 | 4X | 0-20 | Q |
| Beryllium | 0.2536 | 25.00 | 27.65 | 110 | 27.11 | 107 | 75-125 | 2 | 0-20 | |
| Cadmium | ND | 25.00 | 24.70 | 99 | 24.39 | 98 | 75-125 | 1 | 0-20 | |
| Chromium | 7.333 | 25.00 | 33.67 | 105 | 32.66 | 101 | 75-125 | 3 | 0-20 | |
| Cobalt | 5.181 | 25.00 | 32.34 | 109 | 32.13 | 108 | 75-125 | 1 | 0-20 | |
| Copper | 36.70 | 25.00 | 70.83 | 137 | 70.44 | 135 | 75-125 | 1 | 0-20 | 3 |
| Lead | 1.963 | 25.00 | 26.25 | 97 | 26.22 | 97 | 75-125 | 0 | 0-20 | |
| Molybdenum | ND | 25.00 | 25.43 | 102 | 25.57 | 102 | 75-125 | 1 | 0-20 | |
| Nickel | 6.295 | 25.00 | 31.33 | 100 | 30.81 | 98 | 75-125 | 2 | 0-20 | |
| Selenium | ND | 25.00 | 24.23 | 97 | 24.64 | 99 | 75-125 | 2 | 0-20 | |
| Silver | ND | 12.50 | 14.07 | 113 | 13.96 | 112 | 75-125 | 1 | 0-20 | |
| Thallium | ND | 25.00 | 19.48 | 78 | 20.41 | 82 | 75-125 | 5 | 0-20 | |
| Vanadium | 19.41 | 25.00 | 49.94 | 122 | 48.56 | 117 | 75-125 | 3 | 0-20 | |
| Zinc | 45.62 | 25.00 | 76.18 | 122 | 74.65 | 116 | 75-125 | 2 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 10 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:27** | **140806S07** |
| **A31C32** | **Matrix Spike** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:29** | **140806S07** |
| **A31C32** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **08/06/14** | **08/06/14 19:36** | **140806S07** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.7615 | 91 | 0.7190 | 86 | 80-120 | 6 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 10 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K13L14** | **Sample** | **Concrete** | **GC 31** | **08/06/14** | **08/08/14 14:29** | **140806S14A** |
| **K13L14** | **Matrix Spike** | **Concrete** | **GC 31** | **08/06/14** | **08/07/14 21:07** | **140806S14A** |
| **K13L14** | **Matrix Spike Duplicate** | **Concrete** | **GC 31** | **08/06/14** | **08/07/14 21:26** | **140806S14A** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 102.1 | 102 | 101.4 | 101 | 50-135 | 1 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 104.5 | 104 | 95.60 | 96 | 50-135 | 9 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K13L14** | **Sample** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 16:32** | **140810S01** |
| **K13L14** | **Matrix Spike** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 19:20** | **140810S01** |
| **K13L14** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS TT** | **08/10/14** | **08/11/14 19:39** | **140810S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 10.00 | 8.919 | 89 | 8.961 | 90 | 34-148 | 0 | 0-20 | |
| Acenaphthylene | ND | 10.00 | 8.864 | 89 | 8.891 | 89 | 53-120 | 0 | 0-20 | |
| Aniline | ND | 10.00 | 8.349 | 83 | 7.589 | 76 | 80-120 | 10 | 0-20 | 3 |
| Anthracene | ND | 10.00 | 8.710 | 87 | 8.678 | 87 | 80-120 | 0 | 0-20 | |
| Azobenzene | ND | 10.00 | 8.498 | 85 | 9.161 | 92 | 80-120 | 8 | 0-20 | |
| Benzidine | ND | 10.00 | 10.65 | 106 | 9.444 | 94 | 80-120 | 12 | 0-20 | |
| Benzo (a) Anthracene | ND | 10.00 | 8.974 | 90 | 9.021 | 90 | 80-120 | 1 | 0-20 | |
| Benzo (a) Pyrene | ND | 10.00 | 10.27 | 103 | 10.39 | 104 | 80-120 | 1 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 10.00 | 9.570 | 96 | 9.527 | 95 | 80-120 | 0 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 10.00 | 10.79 | 108 | 11.01 | 110 | 80-120 | 2 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 10.00 | 7.924 | 79 | 7.871 | 79 | 80-120 | 1 | 0-20 | 3 |
| Benzoic Acid | ND | 10.00 | 0.7431 | 7 | 0.7386 | 7 | 80-120 | 1 | 0-20 | 3 |
| Benzyl Alcohol | ND | 10.00 | 10.02 | 100 | 9.967 | 100 | 80-120 | 1 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 10.00 | 9.169 | 92 | 9.247 | 92 | 80-120 | 1 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 10.00 | 9.356 | 94 | 9.424 | 94 | 80-120 | 1 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 10.00 | 9.595 | 96 | 9.550 | 95 | 80-120 | 0 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 10.00 | 9.103 | 91 | 9.120 | 91 | 80-120 | 0 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 10.00 | 8.515 | 85 | 8.594 | 86 | 80-120 | 1 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 10.00 | 9.121 | 91 | 9.095 | 91 | 15-189 | 0 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 10.00 | 5.864 | 59 | 6.151 | 62 | 32-120 | 5 | 0-20 | |
| 4-Chloroaniline | ND | 10.00 | 8.742 | 87 | 8.145 | 81 | 80-120 | 7 | 0-20 | |
| 2-Chloronaphthalene | ND | 10.00 | 8.665 | 87 | 8.686 | 87 | 80-120 | 0 | 0-20 | |
| 2-Chlorophenol | ND | 10.00 | 1.287 | 13 | 1.321 | 13 | 53-120 | 3 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 10.00 | 8.469 | 85 | 8.596 | 86 | 80-120 | 1 | 0-20 | |
| Chrysene | ND | 10.00 | 8.828 | 88 | 8.801 | 88 | 80-120 | 0 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 10.00 | 8.641 | 86 | 8.609 | 86 | 80-120 | 0 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 10.00 | 9.476 | 95 | 9.402 | 94 | 80-120 | 1 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 10.00 | 10.87 | 109 | 11.16 | 112 | 80-120 | 3 | 0-20 | |
| Dibenzofuran | ND | 10.00 | 9.045 | 90 | 9.179 | 92 | 80-120 | 1 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 10.00 | 9.055 | 91 | 9.161 | 92 | 80-120 | 1 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 10.00 | 8.977 | 90 | 8.968 | 90 | 80-120 | 0 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 10.00 | 9.089 | 91 | 9.096 | 91 | 43-120 | 0 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 10.00 | 7.605 | 76 | 7.062 | 71 | 80-120 | 7 | 0-20 | 3 |
| 2,4-Dichlorophenol | ND | 10.00 | 0.2432 | 2 | 0.2822 | 3 | 80-120 | 15 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park / 32594-506



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 10.00 | 8.981 | 90 | 9.228 | 92 | 80-120 | 3 | 0-20 | |
| Dimethyl Phthalate | ND | 10.00 | 8.496 | 85 | 8.700 | 87 | 44-122 | 2 | 0-20 | |
| 2,4-Dimethylphenol | ND | 10.00 | 7.926 | 79 | 8.145 | 81 | 80-120 | 3 | 0-20 | 3 |
| 4,6-Dinitro-2-Methylphenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 10.00 | 0 | 0 | 0.7387 | 7 | 80-120 | 0 | 0-20 | 3 |
| 2,4-Dinitrotoluene | ND | 10.00 | 9.133 | 91 | 9.499 | 95 | 28-120 | 4 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 10.00 | 9.687 | 97 | 9.889 | 99 | 80-120 | 2 | 0-20 | |
| Fluoranthene | ND | 10.00 | 8.573 | 86 | 8.531 | 85 | 80-120 | 0 | 0-20 | |
| Fluorene | ND | 10.00 | 8.513 | 85 | 8.606 | 86 | 12-186 | 1 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 10.00 | 8.999 | 90 | 8.987 | 90 | 80-120 | 0 | 0-20 | |
| Hexachlorobenzene | ND | 10.00 | 8.372 | 84 | 8.343 | 83 | 80-120 | 0 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 10.00 | 5.510 | 55 | 5.490 | 55 | 80-120 | 0 | 0-20 | 3 |
| Hexachloroethane | ND | 10.00 | 8.966 | 90 | 8.942 | 89 | 80-120 | 0 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 10.00 | 11.16 | 112 | 11.41 | 114 | 80-120 | 2 | 0-20 | |
| Isophorone | ND | 10.00 | 9.219 | 92 | 9.318 | 93 | 80-120 | 1 | 0-20 | |
| 2-Methylnaphthalene | ND | 10.00 | 9.043 | 90 | 9.325 | 93 | 80-120 | 3 | 0-20 | |
| 1-Methylnaphthalene | ND | 10.00 | 8.835 | 88 | 8.964 | 90 | 80-120 | 1 | 0-20 | |
| 2-Methylphenol | ND | 10.00 | 8.921 | 89 | 9.112 | 91 | 80-120 | 2 | 0-20 | |
| 3/4-Methylphenol | ND | 20.00 | 15.36 | 77 | 15.82 | 79 | 80-120 | 3 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 10.00 | 9.627 | 96 | 9.688 | 97 | 38-140 | 1 | 0-20 | |
| N-Nitrosodimethylamine | ND | 10.00 | 9.543 | 95 | 9.410 | 94 | 80-120 | 1 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 10.00 | 10.31 | 103 | 10.21 | 102 | 80-120 | 1 | 0-20 | |
| Naphthalene | ND | 10.00 | 8.855 | 89 | 8.936 | 89 | 20-140 | 1 | 0-20 | |
| 4-Nitroaniline | ND | 10.00 | 9.528 | 95 | 9.661 | 97 | 80-120 | 1 | 0-20 | |
| 3-Nitroaniline | ND | 10.00 | 9.129 | 91 | 9.097 | 91 | 80-120 | 0 | 0-20 | |
| 2-Nitroaniline | ND | 10.00 | 9.709 | 97 | 9.859 | 99 | 80-120 | 2 | 0-20 | |
| Nitrobenzene | ND | 10.00 | 9.210 | 92 | 9.335 | 93 | 80-120 | 1 | 0-20 | |
| 4-Nitrophenol | ND | 10.00 | 0.4103 | 4 | 0.4800 | 5 | 14-128 | 16 | 0-59 | 3 |
| 2-Nitrophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| Pentachlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 10-124 | 0 | 0-20 | 3 |
| Phenanthrene | ND | 10.00 | 8.796 | 88 | 8.773 | 88 | 80-120 | 0 | 0-20 | |
| Phenol | ND | 10.00 | 6.138 | 61 | 6.413 | 64 | 22-124 | 4 | 0-20 | |
| Pyrene | ND | 10.00 | 9.089 | 91 | 9.090 | 91 | 31-169 | 0 | 0-20 | |
| Pyridine | ND | 10.00 | 10.58 | 106 | 10.55 | 105 | 80-120 | 0 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 10.00 | 8.948 | 89 | 9.083 | 91 | 56-120 | 1 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 10.00 | 0 | 0 | 0 | 0 | 80-120 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 18:53** | **140801S028** |
| **A31C32** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 19:19** | **140801S028** |
| **A31C32** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **08/01/14** | **08/01/14 19:45** | **140801S028** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 99.73 | 199 | 93.71 | 187 | 70-130 | 6 | 0-20 | 3 |
| Benzene | ND | 50.00 | 49.06 | 98 | 47.91 | 96 | 61-127 | 2 | 0-20 | |
| Bromobenzene | ND | 50.00 | 46.33 | 93 | 44.67 | 89 | 70-130 | 4 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 54.00 | 108 | 50.02 | 100 | 70-130 | 8 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 48.63 | 97 | 47.74 | 95 | 70-130 | 2 | 0-20 | |
| Bromoform | ND | 50.00 | 44.79 | 90 | 43.84 | 88 | 70-130 | 2 | 0-20 | |
| Bromomethane | ND | 50.00 | 53.14 | 106 | 55.59 | 111 | 70-130 | 5 | 0-20 | |
| 2-Butanone | ND | 50.00 | 69.10 | 138 | 67.60 | 135 | 70-130 | 2 | 0-20 | 3 |
| n-Butylbenzene | ND | 50.00 | 38.82 | 78 | 37.80 | 76 | 77-123 | 3 | 0-25 | 3 |
| sec-Butylbenzene | ND | 50.00 | 41.47 | 83 | 41.03 | 82 | 70-130 | 1 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 39.38 | 79 | 38.55 | 77 | 70-130 | 2 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 41.89 | 84 | 40.14 | 80 | 70-130 | 4 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 49.02 | 98 | 47.61 | 95 | 51-135 | 3 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 48.69 | 97 | 47.56 | 95 | 57-123 | 2 | 0-20 | |
| Chloroethane | ND | 50.00 | 52.43 | 105 | 49.62 | 99 | 70-130 | 6 | 0-20 | |
| Chloroform | ND | 50.00 | 53.10 | 106 | 51.20 | 102 | 70-130 | 4 | 0-20 | |
| Chloromethane | ND | 50.00 | 41.42 | 83 | 40.56 | 81 | 70-130 | 2 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 47.17 | 94 | 45.52 | 91 | 70-130 | 4 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 44.74 | 89 | 43.06 | 86 | 70-130 | 4 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 48.97 | 98 | 47.25 | 95 | 70-130 | 4 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 35.34 | 71 | 35.10 | 70 | 70-130 | 1 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 47.89 | 96 | 45.65 | 91 | 64-124 | 5 | 0-20 | |
| Dibromomethane | ND | 50.00 | 51.27 | 103 | 50.19 | 100 | 70-130 | 2 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 44.48 | 89 | 43.26 | 87 | 35-131 | 3 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 43.13 | 86 | 42.42 | 85 | 70-130 | 2 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 42.58 | 85 | 41.64 | 83 | 70-130 | 2 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 42.52 | 85 | 41.98 | 84 | 70-130 | 1 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 47.75 | 95 | 46.23 | 92 | 70-130 | 3 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 50.94 | 102 | 49.82 | 100 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 58.22 | 116 | 57.00 | 114 | 47-143 | 2 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 53.69 | 107 | 51.90 | 104 | 70-130 | 3 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 53.46 | 107 | 52.65 | 105 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 47.07 | 94 | 45.98 | 92 | 79-115 | 2 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 47.68 | 95 | 46.94 | 94 | 70-130 | 2 | 0-20 | |
| 2,2-Dichloropropane | ND | 50.00 | 42.07 | 84 | 41.50 | 83 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 10 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | ND | 50.00 | 54.03 | 108 | 52.41 | 105 | 70-130 | 3 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 47.31 | 95 | 46.22 | 92 | 70-130 | 2 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 43.10 | 86 | 41.70 | 83 | 70-130 | 3 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 47.18 | 94 | 45.70 | 91 | 57-129 | 3 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 61.50 | 123 | 59.82 | 120 | 70-130 | 3 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 47.16 | 94 | 45.80 | 92 | 70-130 | 3 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 36.75 | 73 | 36.42 | 73 | 70-130 | 1 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 53.51 | 107 | 49.56 | 99 | 70-130 | 8 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 46.84 | 94 | 47.44 | 95 | 70-130 | 1 | 0-20 | |
| Naphthalene | ND | 50.00 | 39.93 | 80 | 39.19 | 78 | 70-130 | 2 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 46.74 | 93 | 45.14 | 90 | 70-130 | 3 | 0-20 | |
| Styrene | ND | 50.00 | 46.65 | 93 | 44.86 | 90 | 70-130 | 4 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 42.83 | 86 | 41.80 | 84 | 70-130 | 2 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 1.071 | 2 | 1.029 | 2 | 70-130 | 4 | 0-20 | 3 |
| Tetrachloroethene | ND | 50.00 | 64.59 | 129 | 62.82 | 126 | 70-130 | 3 | 0-20 | |
| Toluene | ND | 50.00 | 50.46 | 101 | 49.02 | 98 | 63-123 | 3 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 30.99 | 62 | 30.68 | 61 | 70-130 | 1 | 0-20 | 3 |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 32.01 | 64 | 31.43 | 63 | 70-130 | 2 | 0-20 | 3 |
| 1,1,1-Trichloroethane | ND | 50.00 | 48.60 | 97 | 47.36 | 95 | 70-130 | 3 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 44.87 | 90 | 41.64 | 83 | 70-130 | 7 | 0-20 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 49.92 | 100 | 49.24 | 98 | 70-130 | 1 | 0-20 | |
| Trichloroethene | ND | 50.00 | 86.05 | 172 | 83.97 | 168 | 44-158 | 2 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 41.61 | 83 | 39.40 | 79 | 70-130 | 5 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 42.04 | 84 | 41.05 | 82 | 70-130 | 2 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 56.69 | 113 | 54.06 | 108 | 70-130 | 5 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 44.55 | 89 | 42.61 | 85 | 70-130 | 4 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 1.586 | 3 | 0.7716 | 2 | 70-130 | 69 | 0-20 | 3,4 |
| Vinyl Chloride | ND | 50.00 | 52.42 | 105 | 50.95 | 102 | 49-139 | 3 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 95.18 | 95 | 91.17 | 91 | 70-130 | 4 | 0-20 | |
| o-Xylene | ND | 50.00 | 48.03 | 96 | 45.90 | 92 | 70-130 | 5 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 45.77 | 92 | 44.33 | 89 | 57-123 | 3 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 10 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **14-08-0259-1** | **Sample** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 16:59** | **140805S013** |
| **14-08-0259-1** | **Matrix Spike** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 17:25** | **140805S013** |
| **14-08-0259-1** | **Matrix Spike Duplicate** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 17:52** | **140805S013** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 50.00 | 45.78 | 92 | 46.56 | 93 | 61-127 | 2 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 46.23 | 92 | 48.74 | 97 | 51-135 | 5 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 43.39 | 87 | 44.40 | 89 | 57-123 | 2 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 45.33 | 91 | 47.38 | 95 | 64-124 | 4 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 34.74 | 69 | 37.43 | 75 | 35-131 | 7 | 0-25 | |
| 1,2-Dichloroethane | ND | 50.00 | 48.47 | 97 | 49.42 | 99 | 80-120 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 48.68 | 97 | 50.17 | 100 | 47-143 | 3 | 0-25 | |
| Ethylbenzene | ND | 50.00 | 41.73 | 83 | 42.51 | 85 | 57-129 | 2 | 0-22 | |
| Toluene | ND | 50.00 | 45.82 | 92 | 46.59 | 93 | 63-123 | 2 | 0-20 | |
| Trichloroethene | ND | 50.00 | 45.94 | 92 | 47.33 | 95 | 44-158 | 3 | 0-20 | |
| Vinyl Chloride | ND | 50.00 | 53.00 | 106 | 56.99 | 114 | 49-139 | 7 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 84.00 | 84 | 86.07 | 86 | 70-130 | 2 | 0-30 | |
| o-Xylene | ND | 50.00 | 42.53 | 85 | 43.64 | 87 | 70-130 | 3 | 0-30 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 45.21 | 90 | 47.06 | 94 | 57-123 | 4 | 0-21 | |

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **ICP 7300** | **08/04/14 00:00** | **08/06/14 12:56** | **140804S07** |
| **A31C32** | **PDS** | **Concrete** | **ICP 7300** | **08/04/14 00:00** | **08/06/14 12:59** | **140804S07** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 20.29 | 81 | 75-125 | |
| Arsenic | 1.185 | 25.00 | 24.10 | 92 | 75-125 | |
| Barium | 128.1 | 25.00 | 150.8 | 4X | 75-125 | Q |
| Beryllium | 0.2536 | 25.00 | 26.12 | 103 | 75-125 | |
| Cadmium | ND | 25.00 | 23.48 | 94 | 75-125 | |
| Chromium | 7.333 | 25.00 | 31.12 | 95 | 75-125 | |
| Cobalt | 5.181 | 25.00 | 30.45 | 101 | 75-125 | |
| Copper | 36.70 | 25.00 | 63.97 | 109 | 75-125 | |
| Lead | 1.963 | 25.00 | 25.18 | 93 | 75-125 | |
| Molybdenum | ND | 25.00 | 24.81 | 99 | 75-125 | |
| Nickel | 6.295 | 25.00 | 29.23 | 92 | 75-125 | |
| Selenium | ND | 25.00 | 23.63 | 95 | 75-125 | |
| Silver | ND | 12.50 | 12.12 | 97 | 75-125 | |
| Thallium | ND | 25.00 | 20.24 | 81 | 75-125 | |
| Vanadium | 19.41 | 25.00 | 44.57 | 101 | 75-125 | |
| Zinc | 45.62 | 25.00 | 68.78 | 93 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park / 32594-506

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 7471A Total
Method: EPA 7471A



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A31C32** | **Sample** | **Concrete** | **Mercury 05** | **08/06/14 00:00** | **08/06/14 19:27** | **140806S07** |
| **A31C32** | **PDS** | **Concrete** | **Mercury 05** | **08/06/14 00:00** | **08/07/14 13:22** | **140806S07** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9068 | 109 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park / 32594-506 | | | Page 1 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2700** | **LCS** | **Solid** | **IC 11** | **08/05/14** | **08/06/14 10:17** | **140805L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 20650 | 103 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park / 32594-506 | | | Page 2 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-1060** | **LCS** | **Solid** | **GC 48** | **08/01/14** | **08/01/14 18:41** | **140801B09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 321.4 | 80 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park / 32594-506 | | | Page 3 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-18698** | **LCS** | **Solid** | **ICP 7300** | **08/04/14** | **08/06/14 12:49** | **140804L07A** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 25.65 | 103 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 24.77 | 99 | 80-120 | 73-127 | |
| Barium | 25.00 | 25.93 | 104 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 25.05 | 100 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 25.87 | 103 | 80-120 | 73-127 | |
| Chromium | 25.00 | 25.53 | 102 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 28.55 | 114 | 80-120 | 73-127 | |
| Copper | 25.00 | 27.13 | 109 | 80-120 | 73-127 | |
| Lead | 25.00 | 26.07 | 104 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 25.79 | 103 | 80-120 | 73-127 | |
| Nickel | 25.00 | 26.53 | 106 | 80-120 | 73-127 | |
| Selenium | 25.00 | 22.53 | 90 | 80-120 | 73-127 | |
| Silver | 12.50 | 12.64 | 101 | 80-120 | 73-127 | |
| Thallium | 25.00 | 25.83 | 103 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 25.76 | 103 | 80-120 | 73-127 | |
| Zinc | 25.00 | 26.94 | 108 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park / 32594-506 | | | Page 4 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-280-32** | **LCS** | **Solid** | **Mercury 05** | **08/06/14** | **08/06/14 19:25** | **140806L07D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8620 | 103 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park / 32594-506 | | | Page 5 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-2791** | **LCS** | **Solid** | **GC 31** | **08/06/14** | **08/07/14 19:51** | **140806L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 116.7 | 117 | 50-135 | |
| Aroclor-1260 | 100.0 | 117.7 | 118 | 50-135 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 6 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-16** | **LCS** | **Solid** | **GC/MS TT** | **08/10/14** | **08/11/14 13:45** | **140810L01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 10.00 | 9.957 | 100 | 80-120 | 73-127 | |
| Acenaphthene | 10.00 | 9.778 | 98 | 51-123 | 39-135 | |
| Acenaphthylene | 10.00 | 9.706 | 97 | 52-120 | 41-131 | |
| Aniline | 10.00 | 9.103 | 91 | 50-130 | 37-143 | |
| Anthracene | 10.00 | 8.786 | 88 | 27-133 | 9-151 | |
| Azobenzene | 10.00 | 10.02 | 100 | 50-130 | 37-143 | |
| Benzidine | 10.00 | 12.96 | 130 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 10.00 | 9.483 | 95 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 10.00 | 11.97 | 120 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 10.00 | 12.03 | 120 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 10.00 | 10.83 | 108 | 0-227 | 0-265 | |
| Benzo (k) Fluoranthene | 10.00 | 9.522 | 95 | 24-159 | 2-182 | |
| Benzoic Acid | 10.00 | 3.808 | 38 | 50-130 | 37-143 | ME |
| Benzyl Alcohol | 10.00 | 10.92 | 109 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 10.00 | 9.759 | 98 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 10.00 | 9.652 | 97 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 10.00 | 9.995 | 100 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 10.00 | 9.200 | 92 | 8-158 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 10.00 | 8.832 | 88 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 10.00 | 9.369 | 94 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 10.00 | 10.79 | 108 | 55-121 | 44-132 | |
| 4-Chloroaniline | 10.00 | 8.384 | 84 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 10.00 | 9.398 | 94 | 60-118 | 50-128 | |
| 2-Chlorophenol | 10.00 | 10.49 | 105 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 10.00 | 9.459 | 95 | 25-158 | 3-180 | |
| Chrysene | 10.00 | 9.465 | 95 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 10.00 | 9.746 | 97 | 1-118 | 0-138 | |
| Di-n-Octyl Phthalate | 10.00 | 10.19 | 102 | 4-146 | 0-170 | |
| Dibenz (a,h) Anthracene | 10.00 | 11.16 | 112 | 0-219 | 0-256 | |
| Dibenzofuran | 10.00 | 9.775 | 98 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 10.00 | 9.527 | 95 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 10.00 | 9.358 | 94 | 0-129 | 0-150 | |
| 1,4-Dichlorobenzene | 10.00 | 9.529 | 95 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 10.00 | 8.399 | 84 | 0-262 | 0-306 | |
| 2,4-Dichlorophenol | 10.00 | 10.46 | 105 | 39-135 | 23-151 | |
| Diethyl Phthalate | 10.00 | 10.53 | 105 | 0-114 | 0-133 | |
| Dimethyl Phthalate | 10.00 | 9.952 | 100 | 51-123 | 39-135 | |
| 2,4-Dimethylphenol | 10.00 | 10.01 | 100 | 32-119 | 18-134 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| Project: UTC Canoga Park / 32594-506 | | | Page 7 of 11 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-Methylphenol | 10.00 | 12.29 | 123 | 0-181 | 0-211 | |
| 2,4-Dinitrophenol | 10.00 | 12.99 | 130 | 0-191 | 0-223 | |
| 2,4-Dinitrotoluene | 10.00 | 11.06 | 111 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 10.00 | 11.02 | 110 | 50-158 | 32-176 | |
| Fluoranthene | 10.00 | 10.12 | 101 | 26-137 | 8-156 | |
| Fluorene | 10.00 | 9.536 | 95 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 10.00 | 9.284 | 93 | 24-116 | 9-131 | |
| Hexachlorobenzene | 10.00 | 8.801 | 88 | 0-152 | 0-177 | |
| Hexachlorocyclopentadiene | 10.00 | 6.548 | 65 | 50-130 | 37-143 | |
| Hexachloroethane | 10.00 | 9.416 | 94 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 10.00 | 11.48 | 115 | 0-171 | 0-200 | |
| Isophorone | 10.00 | 10.13 | 101 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 10.00 | 9.840 | 98 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 10.00 | 9.561 | 96 | 20-140 | 0-160 | |
| 2-Methylphenol | 10.00 | 10.69 | 107 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 20.00 | 20.64 | 103 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 10.00 | 10.48 | 105 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 10.00 | 9.845 | 98 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 10.00 | 10.29 | 103 | 50-130 | 37-143 | |
| Naphthalene | 10.00 | 9.374 | 94 | 32-146 | 13-165 | |
| 4-Nitroaniline | 10.00 | 11.73 | 117 | 50-130 | 37-143 | |
| 3-Nitroaniline | 10.00 | 9.821 | 98 | 50-130 | 37-143 | |
| 2-Nitroaniline | 10.00 | 10.88 | 109 | 50-130 | 37-143 | |
| Nitrobenzene | 10.00 | 9.554 | 96 | 35-180 | 11-204 | |
| 4-Nitrophenol | 10.00 | 11.96 | 120 | 24-126 | 7-143 | |
| 2-Nitrophenol | 10.00 | 10.04 | 100 | 29-182 | 4-208 | |
| Pentachlorophenol | 10.00 | 10.93 | 109 | 23-131 | 5-149 | |
| Phenanthrene | 10.00 | 9.471 | 95 | 54-120 | 43-131 | |
| Phenol | 10.00 | 10.63 | 106 | 40-130 | 25-145 | |
| Pyrene | 10.00 | 8.583 | 86 | 47-143 | 31-159 | |
| Pyridine | 10.00 | 11.68 | 117 | 52-115 | 42-126 | ME |
| 1,2,4-Trichlorobenzene | 10.00 | 9.160 | 92 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 10.00 | 9.969 | 100 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 10.00 | 10.11 | 101 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 2
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 07/31/14
Work Order: 14-07-2158
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park / 32594-506



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-361** | **LCS** | **Solid** | **GC/MS Q** | **08/01/14** | **08/01/14 16:38** | **140801L044** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 80.20 | 160 | 70-130 | 60-140 | X |
| Benzene | 50.00 | 52.92 | 106 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 50.30 | 101 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 52.50 | 105 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 54.20 | 108 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.66 | 99 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 65.82 | 132 | 70-130 | 60-140 | ME |
| 2-Butanone | 50.00 | 64.88 | 130 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 51.95 | 104 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 52.80 | 106 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 51.83 | 104 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 45.00 | 90 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 52.74 | 105 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 54.06 | 108 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 54.09 | 108 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 53.79 | 108 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 45.70 | 91 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 53.93 | 108 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 52.07 | 104 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 53.60 | 107 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 41.66 | 83 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 48.12 | 96 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 51.85 | 104 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 51.40 | 103 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 51.00 | 102 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 49.93 | 100 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 44.88 | 90 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 49.09 | 98 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 52.58 | 105 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 54.57 | 109 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 54.20 | 108 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 54.55 | 109 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 50.44 | 101 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 49.98 | 100 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 46.58 | 93 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 55.44 | 111 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 51.79 | 104 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 47.21 | 94 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 9 of 11 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 52.67 | 105 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 56.76 | 114 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 54.58 | 109 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 47.84 | 96 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 54.10 | 108 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 46.19 | 92 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 44.50 | 89 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 54.31 | 109 | 70-130 | 60-140 | |
| Styrene | 50.00 | 52.02 | 104 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 49.47 | 99 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 47.97 | 96 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 53.82 | 108 | 70-130 | 60-140 | |
| Toluene | 50.00 | 54.41 | 109 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 43.96 | 88 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 45.46 | 91 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 50.44 | 101 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 51.15 | 102 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 50.58 | 101 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 52.79 | 106 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 40.85 | 82 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 50.94 | 102 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 58.31 | 117 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 53.60 | 107 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 46.61 | 93 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 54.90 | 110 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 106.9 | 107 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 53.75 | 108 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 45.46 | 91 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 1
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | | Page 10 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-364** | **LCS** | **Solid** | **GC/MS Q** | **08/05/14** | **08/05/14 15:10** | **140805L021** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 60.63 | 121 | 70-130 | 60-140 | |
| Benzene | 50.00 | 46.97 | 94 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 46.21 | 92 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.93 | 104 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 48.48 | 97 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 49.66 | 99 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 45.08 | 90 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 61.63 | 123 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 43.99 | 88 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 43.89 | 88 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 43.71 | 87 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 42.63 | 85 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 50.65 | 101 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 46.74 | 93 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 43.23 | 86 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 49.37 | 99 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 38.37 | 77 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 45.19 | 90 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 42.98 | 86 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 50.60 | 101 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 45.28 | 91 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 47.60 | 95 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 50.76 | 102 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 44.33 | 89 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 44.02 | 88 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 44.18 | 88 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 39.63 | 79 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 47.07 | 94 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 50.20 | 100 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 47.27 | 95 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 48.21 | 96 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 49.63 | 99 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 47.33 | 95 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 48.04 | 96 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 46.41 | 93 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 49.32 | 99 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| t-1,3-Dichloropropene | 50.00 | 49.45 | 99 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 07/31/14 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 14-07-2158 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 5030C |
| | Method: | EPA 8260B |
| Project: UTC Canoga Park / 32594-506 | | Page 11 of 11 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Ethylbenzene | 50.00 | 46.21 | 92 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 51.52 | 103 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 46.70 | 93 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 43.41 | 87 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 46.51 | 93 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 50.74 | 101 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 43.28 | 87 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 46.55 | 93 | 70-130 | 60-140 | |
| Styrene | 50.00 | 45.82 | 92 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 46.85 | 94 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 46.35 | 93 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 50.66 | 101 | 70-130 | 60-140 | |
| Toluene | 50.00 | 48.55 | 97 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 39.49 | 79 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 40.04 | 80 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 47.33 | 95 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 49.23 | 98 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 48.31 | 97 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 49.19 | 98 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 50.03 | 100 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 42.50 | 85 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 47.67 | 95 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 44.57 | 89 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 47.60 | 95 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 45.65 | 91 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 92.72 | 93 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 45.83 | 92 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 44.92 | 90 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 14-07-2158 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 469 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 811 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 915 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 628 | GC 48 | 1 |
| EPA 8082 | EPA 3545 | 669 | GC 31 | 1 |
| EPA 8260B | EPA 5030C | 823 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 449 | GC/MS TT | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 14-07-2158 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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# Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
Other locations: Concord, San Luis Obispo, Houston, and Corpus Christi
For courier service / sample drop off information,
contact sales@calscience.com or call us.

## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY
**14-07-2158**

Date 7.31.14
Page 1 of 2

LABORATORY CLIENT: Haley + Aldrich
ADDRESS: 3187 Redhill Ave #155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UIC Canoga Park
P.O. NO.: 32594-506
PROJECT CONTACT: Scott Boston
SAMPLER(S): (PRINT) M Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015M | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6+ 7199 | Metals (Cam17) 6020/200.8 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A31C32 | 7.31.14 | 0700 | Core Core | 1 | X | | | | | | X | | X | | | X | | X | | | | X | X | | |
| 2 | A29C30 | | 0715 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | AB29AA30 | | 0740 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | AB24AA25 | | 0800 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | AD15AC16 | | 0810 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | C26D29 | | 0850 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | D26E29 | | 0920 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | K13L14 | | 0950 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | L13M14 | | 1000 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | M6N9 | | 1020 | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECI | Date: 7/31/14 | Time: 1315 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/31/14 | Time: 17:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies, respectively.

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# Calscience Environmental Laboratories, Inc.

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Other locations: Concord, San Luis Obispo, Houston, and Corpus Christi
For courier service / sample drop off information,
contact sales@calscience.com or call us.

## CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: 14-07-2158

Date: 7-31-14
Page: 2 of 2

LABORATORY CLIENT: Haley + Aldrich
ADDRESS: 3187 Redhill Ave #155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NUMBER: UTC Canoga Park
P.O. NO.: 32594-506
PROJECT CONTACT: Scott Boston
SAMPLER(S): (PRINT) M Simpson

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF | GLOBAL ID | LOG CODE

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | TPH(g) ☐ GRO | TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH 8015m | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Chrome 6+ 7199 | Metals (Cam17) (6020/7000 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | J17 K18 | 7-31-14 | 1040 | Conc Core | 1 | X | | | | | | X | | X | | | X | | X | | | | | | | |
| 12 | J24 K25 | ↓ | 1050 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | | | |
| 13 | E21 F22 | | 1110 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | E5 F6 | | 1140 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | F1 G2 | | 1150 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | H9 G10 | ↓ | 1235 | ↓ | ↓ | ↓ | | | | | | ↓ | | ↓ | | | ↓ | | ↓ | | | | ↓ | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/31/14 | Time: 13:15 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) ECL | Date: 7/31/14 | Time: 17:30 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies, respectively.

01/01/14 Revision

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WORK ORDER #: 14-07-2158

# SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Haley & ALDRich

DATE: 07/31/14

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.9 °C - 0.3 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

**Ambient Temperature:** ☐ Air ☐ Filter **Checked by:** 820

**CUSTODY SEALS INTACT:**

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Checked by:** 820

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Checked by:** 862

| SAMPLE CONDITION: | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels. | | | |
| ☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished. | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and good condition | ☑ | ☐ | ☐ |
| Proper containers and sufficient volume for analyses requested | ☑ | ☐ | ☐ |
| Analyses received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfides ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation noted on COC or sample container | ☐ | ☐ | ☑ |
| ☐ Unpreserved vials received for Volatiles analysis | | | |
| Volatile analysis container(s) free of headspace | ☐ | ☐ | ☑ |
| Tedlar bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:**

**Solid:** ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☑ 2

**Aqueous:** ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

**Air:** ☐Tedlar® ☐Canister **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** 862

**Container:** **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** 862

**Preservative:** **h:** HCL **n:** $HNO_3$ **na$_2$:** $Na_2S_2O_3$ **na:** NaOH **p:** $H_3PO_4$ **s:** $H_2SO_4$ **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:**_____



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# WORK ORDER NUMBER: 16-05-1183

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 06/03/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Work Order Number: 16-05-1183


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# Work Order Narrative

Work Order: 16-05-1183 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 05/16/16. They were assigned to Work Order 16-05-1183.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# CASE NARRATIVE

## Eurofins Calscience Work Order 16-05-1183

**EPA Method 6010B Total Metals:**

| Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 6010B** | |
| Batch # | Analytes(s) |
| 160506S03 | Antimony[3] and Barium[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

**EPA Method 8260B Volatile Organics:**

| Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 8260B** | |
| Batch # | Analytes(s) |
| 160518S001 | 1,1,2,2-Tetrachloroethane[34], Tetrachloroethene[3], Trichloroethene[3], Vinyl Acetate[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

**EPA Method 8270C Semi-Volatile Organics:**

| Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 8270C** | |
| Batch # | Analytes(s) |
| 160526S05 | 2,6-Dichlorophenol[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

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| Table D: Laboratory Control (LCS) / LCS Duplicate (LCSD) outside acceptable limits | |
|---|---|
| **EPA Method 8270C** | |
| Batch # | Analytes(s) |
| 160520L10 | 2,6-Dichlorophenol[ME] and Benzoic Acid[ME] |
| 160526L05 | 2,6-Dichlorophenol[ME] |

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

The samples associated with the above LCS/LCSD were non-detect and therefore, the data has been released without any further action or qualification.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
PO Number:
Date/Time Received: 05/16/16 18:05
Number of Containers: 19

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| AB8AC9 | 16-05-1183-1 | 05/16/16 08:35 | 1 | Concrete |
| AB8AC9-0.5 | 16-05-1183-2 | 05/16/16 08:42 | 1 | Solid |
| AD5AE6 | 16-05-1183-3 | 05/16/16 09:00 | 1 | Concrete |
| AD5AE6-0.5 | 16-05-1183-4 | 05/16/16 09:08 | 1 | Solid |
| AC12AD13 | 16-05-1183-5 | 05/16/16 09:18 | 1 | Concrete |
| AC12AD13-0.5 | 16-05-1183-6 | 05/16/16 09:27 | 1 | Solid |
| AB14AC15 | 16-05-1183-7 | 05/16/16 09:37 | 1 | Concrete |
| AB14AC15-0.5 | 16-05-1183-8 | 05/16/16 09:51 | 1 | Solid |
| A1C2 | 16-05-1183-9 | 05/16/16 10:58 | 1 | Concrete |
| A1C2-0.5 | 16-05-1183-10 | 05/16/16 11:11 | 1 | Solid |
| D32E33 | 16-05-1183-11 | 05/16/16 11:33 | 1 | Concrete |
| D32E33-0.5 | 16-05-1183-12 | 05/16/16 11:45 | 1 | Solid |
| G31H32 | 16-05-1183-13 | 05/16/16 11:54 | 1 | Concrete |
| G31H32-0.5 | 16-05-1183-14 | 05/16/16 12:15 | 1 | Solid |
| G31H32-0.5-Dup | 16-05-1183-15 | 05/16/16 12:20 | 1 | Solid |
| H31J32 | 16-05-1183-16 | 05/16/16 12:29 | 1 | Concrete |
| H31J32-0.5 | 16-05-1183-17 | 05/16/16 12:38 | 1 | Solid |
| K30L31 | 16-05-1183-18 | 05/16/16 12:49 | 1 | Concrete |
| K30L31-0.5 | 16-05-1183-19 | 05/16/16 13:10 | 1 | Solid |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AB8AC9 (16-05-1183-1) | | | | | | |
| Arsenic | 5.51 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 67.0 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.187 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.339 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.01 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.30 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 22.8 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.97 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.412 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.75 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.275 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.7 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 43.4 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 940 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.994 | | 0.0847 | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 10 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Carbon Disulfide | 0.61 | J | 0.31* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1-Dichloroethene | 0.48 | J | 0.36* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.1 | J | 0.84* | ug/kg | EPA 8260B | EPA 5030C |
| Trichlorofluoromethane | 0.59 | J | 0.39* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AD5AE6 (16-05-1183-3) | | | | | | |
| Arsenic | 8.00 | | 0.785 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 161 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.215 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.361 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.02 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.11 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.66 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.570 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.324 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.83 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.341 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.177 | J | 0.159* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.7 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 26.6 | | 1.05 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0159 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 9.2 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AC12AD13 (16-05-1183-5) | | | | | | |
| Arsenic | 8.30 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 257 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.261 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.387 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.50 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.72 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.98 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.678 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.07 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.328 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.6 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 27.2 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 510 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0160 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C8 | 2.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 8.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 3.7 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1.8 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 8.0 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.12 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Isophorone | 9.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AB14AC15 (16-05-1183-7) | | | | | | |
| Arsenic | 8.66 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 103 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.205 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.332 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.2 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.95 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.8 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.55 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.430 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.95 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.363 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.378 | J | 0.151* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.0 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.155 | | 0.0862 | mg/kg | EPA 7471A | EPA 7471A Total |
| Benzyl Alcohol | 0.17 | J | 0.066* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.12 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A1C2 (16-05-1183-9) | | | | | | |
| Arsenic | 7.45 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 98.3 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.242 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.377 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.4 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.50 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.0 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.10 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.363 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.23 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.336 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.1 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.3 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0224 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 1.9 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.5 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.1 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 3.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 8.3 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.8 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.055 | J | 0.053* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.13 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D32E33 (16-05-1183-11) | | | | | | |
| Arsenic | 4.55 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 60.6 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.154 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.267 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.63 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.61 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 17.8 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.34 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.524 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.93 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.297 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.409 | J | 0.157* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 11.1 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 29.2 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0587 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 4.9 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 2.9 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.1 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 30 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 29 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 17 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Butyl Benzyl Phthalate | 0.41 | J | 0.054* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G31H32 (16-05-1183-13) | | | | | | |
| Arsenic | 7.15 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.8 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.223 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.372 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.11 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.10 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 33.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.6 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.678 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.12 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.429 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.7 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 60.3 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C6 | 7.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 82 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.6 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 9.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 7.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 140 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 10 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.24 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 73 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.10 | J | 0.060* | mg/kg | EPA 8270C | EPA 3545 |
| G31H32-0.5 (16-05-1183-14) | | | | | | |
| Aroclor-1254 | 410 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 550 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| G31H32-0.5-Dup (16-05-1183-15) | | | | | | |
| Aroclor-1254 | 370 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 520 | | 50 | ug/kg | EPA 8082 | EPA 3540C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H31J32 (16-05-1183-16) | | | | | | |
| Arsenic | 7.00 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 105 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.251 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.418 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.35 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.47 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.4 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.52 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.330 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.51 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.319 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 1.07 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.7 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.9 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0273 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 1.6 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 2.6 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2.9 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 7.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 7.3 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K30L31 (16-05-1183-18) | | | | | | |
| Arsenic | 6.88 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 153 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.191 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.716 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.8 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.94 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 34.7 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.05 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.488 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.47 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.449 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 70.0 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0559 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 1.7 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 5.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 5.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 6.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.0 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 54 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 34 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.48 | J | 0.066* | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | J | 0.053* | mg/kg | EPA 8270C | EPA 3545 |
| K30L31-0.5 (16-05-1183-19) | | | | | | |
| Aroclor-1254 | 31000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 23000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-A** | **05/16/16 08:35** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:10** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 940 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-A** | **05/16/16 09:00** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:19** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3400 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-A** | **05/16/16 09:18** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:28** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 510 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-A** | **05/16/16 09:37** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:37** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-A** | **05/16/16 10:58** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:46** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2600 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-A** | **05/16/16 11:33** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:55** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 200 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-A** | **05/16/16 11:54** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:04** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-A** | **05/16/16 12:29** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:31** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-A** | **05/16/16 12:49** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:40** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2923** | **N/A** | **Solid** | **IC 11** | **06/02/16** | **06/02/16 18:52** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 200 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-A** | **05/16/16 08:35** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 14:43** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.2 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.2 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.2 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.2 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.2 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.2 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.2 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.2 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-A** | **05/16/16 09:00** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:01** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.3 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.3 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.3 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.3 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 70 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-A** | **05/16/16 09:18** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:18** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | 2.0 | 5.0 | 1.3 | 1.00 | J |
| C9-C10 | 20 | 5.0 | 1.3 | 1.00 | |
| C11-C12 | 8.8 | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.3 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | 6.3 | 5.0 | 1.3 | 1.00 | |
| C25-C28 | 3.7 | 5.0 | 1.3 | 1.00 | J |
| C29-C32 | 1.8 | 5.0 | 1.3 | 1.00 | J |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 42 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-A** | **05/16/16 09:37** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:35** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.2 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.2 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.2 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.2 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.2 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.2 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.2 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.2 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-A** | **05/16/16 10:58** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:52** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | 1.9 | 5.0 | 1.3 | 1.00 | J |
| C21-C22 | 3.5 | 5.0 | 1.3 | 1.00 | J |
| C23-C24 | 2.1 | 5.0 | 1.3 | 1.00 | J |
| C25-C28 | 3.0 | 5.0 | 1.3 | 1.00 | J |
| C29-C32 | 3.0 | 5.0 | 1.3 | 1.00 | J |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 14 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-A** | **05/16/16 11:33** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 16:10** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | 4.9 | 5.0 | 1.2 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | 2.9 | 5.0 | 1.2 | 1.00 | J |
| C21-C22 | 3.1 | 5.0 | 1.2 | 1.00 | J |
| C23-C24 | 6.0 | 5.0 | 1.2 | 1.00 | |
| C25-C28 | 14 | 5.0 | 1.2 | 1.00 | |
| C29-C32 | 30 | 5.0 | 1.2 | 1.00 | |
| C33-C36 | 29 | 5.0 | 1.2 | 1.00 | |
| C37-C40 | 14 | 5.0 | 1.2 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | 100 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 75 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-A** | **05/16/16 11:54** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 16:44** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 7.4 | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | 82 | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | 3.0 | 5.0 | 1.3 | 1.00 | J |
| C21-C22 | 4.6 | 5.0 | 1.3 | 1.00 | J |
| C23-C24 | 9.8 | 5.0 | 1.3 | 1.00 | |
| C25-C28 | 15 | 5.0 | 1.3 | 1.00 | |
| C29-C32 | 10 | 5.0 | 1.3 | 1.00 | |
| C33-C36 | 7.9 | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 140 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 67 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-A** | **05/16/16 12:29** | **Concrete** | **GC 46** | **05/18/16** | **05/20/16 20:44** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | 1.6 | 5.0 | 1.3 | 1.00 | J |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.3 | 1.00 | |
| C25-C28 | 2.6 | 5.0 | 1.3 | 1.00 | J |
| C29-C32 | 2.9 | 5.0 | 1.3 | 1.00 | J |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 7.1 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 80 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-A** | **05/16/16 12:49** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 17:18** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | 1.7 | 5.0 | 1.2 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | 5.2 | 5.0 | 1.2 | 1.00 | |
| C21-C22 | 5.7 | 5.0 | 1.2 | 1.00 | |
| C23-C24 | 11 | 5.0 | 1.2 | 1.00 | |
| C25-C28 | 10 | 5.0 | 1.2 | 1.00 | |
| C29-C32 | 11 | 5.0 | 1.2 | 1.00 | |
| C33-C36 | 6.8 | 5.0 | 1.2 | 1.00 | |
| C37-C40 | 2.0 | 5.0 | 1.2 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | 54 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 65 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-2098** | **N/A** | **Solid** | **GC 46** | **05/18/16** | **05/19/16 13:34** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.3 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.3 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.3 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.3 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-AA** | **05/16/16 08:35** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:13** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 5.51 | 0.746 | 0.258 | 0.995 | |
| Barium | 67.0 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.187 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | 0.339 | 0.498 | 0.135 | 0.995 | J |
| Chromium | 5.01 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 5.30 | 0.249 | 0.147 | 0.995 | |
| Copper | 22.8 | 0.498 | 0.134 | 0.995 | |
| Lead | 8.97 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.412 | 0.249 | 0.131 | 0.995 | |
| Nickel | 4.75 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.275 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 12.7 | 0.249 | 0.141 | 0.995 | |
| Zinc | 43.4 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-AA** | **05/16/16 09:00** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:14** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.785 | 0.156 | 1.05 | |
| Arsenic | 8.00 | 0.785 | 0.271 | 1.05 | |
| Barium | 161 | 0.524 | 0.162 | 1.05 | |
| Beryllium | 0.215 | 0.262 | 0.143 | 1.05 | J |
| Cadmium | 0.361 | 0.524 | 0.142 | 1.05 | J |
| Chromium | 9.02 | 0.262 | 0.149 | 1.05 | |
| Cobalt | 5.11 | 0.262 | 0.155 | 1.05 | |
| Copper | 8.66 | 0.524 | 0.141 | 1.05 | |
| Lead | 0.570 | 0.524 | 0.138 | 1.05 | |
| Molybdenum | 0.324 | 0.262 | 0.138 | 1.05 | |
| Nickel | 7.83 | 0.262 | 0.152 | 1.05 | |
| Selenium | ND | 0.785 | 0.314 | 1.05 | |
| Silver | 0.341 | 0.262 | 0.0897 | 1.05 | |
| Thallium | 0.177 | 0.785 | 0.159 | 1.05 | J |
| Vanadium | 15.7 | 0.262 | 0.148 | 1.05 | |
| Zinc | 26.6 | 1.05 | 0.186 | 1.05 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:15** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 8.30 | 0.758 | 0.262 | 1.01 | |
| Barium | 257 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.261 | 0.253 | 0.138 | 1.01 | |
| Cadmium | 0.387 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 9.50 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 6.72 | 0.253 | 0.150 | 1.01 | |
| Copper | 11.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.98 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.678 | 0.253 | 0.133 | 1.01 | |
| Nickel | 7.07 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.328 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 17.6 | 0.253 | 0.143 | 1.01 | |
| Zinc | 27.2 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-AA** | **05/16/16 09:37** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:18** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 8.66 | 0.746 | 0.258 | 0.995 | |
| Barium | 103 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.205 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | 0.332 | 0.498 | 0.135 | 0.995 | J |
| Chromium | 11.2 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 6.95 | 0.249 | 0.147 | 0.995 | |
| Copper | 28.8 | 0.498 | 0.134 | 0.995 | |
| Lead | 3.55 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.430 | 0.249 | 0.131 | 0.995 | |
| Nickel | 7.95 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.363 | 0.249 | 0.0853 | 0.995 | |
| Thallium | 0.378 | 0.746 | 0.151 | 0.995 | J |
| Vanadium | 18.9 | 0.249 | 0.141 | 0.995 | |
| Zinc | 50.0 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-AA** | **05/16/16 10:58** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:09** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 7.45 | 0.739 | 0.255 | 0.985 | |
| Barium | 98.3 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.242 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | 0.377 | 0.493 | 0.133 | 0.985 | J |
| Chromium | 11.4 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 5.50 | 0.246 | 0.146 | 0.985 | |
| Copper | 25.0 | 0.493 | 0.133 | 0.985 | |
| Lead | 3.10 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.363 | 0.246 | 0.130 | 0.985 | |
| Nickel | 6.23 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.336 | 0.246 | 0.0844 | 0.985 | |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 19.1 | 0.246 | 0.139 | 0.985 | |
| Zinc | 45.3 | 0.985 | 0.175 | 0.985 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-AA** | **05/16/16 11:33** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:19** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 4.55 | 0.777 | 0.269 | 1.04 | |
| Barium | 60.6 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.154 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | 0.267 | 0.518 | 0.140 | 1.04 | J |
| Chromium | 6.63 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 2.61 | 0.259 | 0.153 | 1.04 | |
| Copper | 17.8 | 0.518 | 0.140 | 1.04 | |
| Lead | 1.34 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.524 | 0.259 | 0.137 | 1.04 | |
| Nickel | 5.93 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.297 | 0.259 | 0.0888 | 1.04 | |
| Thallium | 0.409 | 0.777 | 0.157 | 1.04 | J |
| Vanadium | 11.1 | 0.259 | 0.146 | 1.04 | |
| Zinc | 29.2 | 1.04 | 0.184 | 1.04 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:20** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 7.15 | 0.758 | 0.262 | 1.01 | |
| Barium | 86.8 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.223 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | 0.372 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 7.11 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.10 | 0.253 | 0.150 | 1.01 | |
| Copper | 33.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 10.6 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.678 | 0.253 | 0.133 | 1.01 | |
| Nickel | 6.12 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.429 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 14.7 | 0.253 | 0.143 | 1.01 | |
| Zinc | 60.3 | 1.01 | 0.179 | 1.01 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-AA** | **05/16/16 12:29** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:21** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 7.00 | 0.773 | 0.267 | 1.03 | |
| Barium | 105 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.251 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | 0.418 | 0.515 | 0.140 | 1.03 | J |
| Chromium | 8.35 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 6.47 | 0.258 | 0.153 | 1.03 | |
| Copper | 25.4 | 0.515 | 0.139 | 1.03 | |
| Lead | 2.52 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.330 | 0.258 | 0.136 | 1.03 | |
| Nickel | 5.51 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.319 | 0.258 | 0.0884 | 1.03 | |
| Thallium | 1.07 | 0.773 | 0.156 | 1.03 | |
| Vanadium | 20.7 | 0.258 | 0.146 | 1.03 | |
| Zinc | 52.9 | 1.03 | 0.183 | 1.03 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-AA** | **05/16/16 12:49** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:22** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 6.88 | 0.773 | 0.267 | 1.03 | |
| Barium | 153 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.191 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | 0.716 | 0.515 | 0.140 | 1.03 | |
| Chromium | 11.8 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 6.94 | 0.258 | 0.153 | 1.03 | |
| Copper | 34.7 | 0.515 | 0.139 | 1.03 | |
| Lead | 7.05 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.488 | 0.258 | 0.136 | 1.03 | |
| Nickel | 9.47 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.449 | 0.258 | 0.0884 | 1.03 | |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 17.4 | 0.258 | 0.146 | 1.03 | |
| Zinc | 70.0 | 1.03 | 0.183 | 1.03 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-22697** | **N/A** | **Solid** | **ICP 7300** | **05/18/16** | **05/24/16 11:05** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | ND | 0.732 | 0.253 | 0.976 | |
| Barium | ND | 0.488 | 0.151 | 0.976 | |
| Beryllium | ND | 0.244 | 0.134 | 0.976 | |
| Cadmium | ND | 0.488 | 0.132 | 0.976 | |
| Chromium | ND | 0.244 | 0.139 | 0.976 | |
| Cobalt | ND | 0.244 | 0.144 | 0.976 | |
| Copper | ND | 0.488 | 0.131 | 0.976 | |
| Lead | ND | 0.488 | 0.128 | 0.976 | |
| Molybdenum | ND | 0.244 | 0.129 | 0.976 | |
| Nickel | ND | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | ND | 0.244 | 0.0836 | 0.976 | |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | ND | 0.244 | 0.138 | 0.976 | |
| Zinc | ND | 0.976 | 0.173 | 0.976 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-AA** | **05/16/16 08:35** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 16:58** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.994 | 0.0847 | 0.00597 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-AA** | **05/16/16 09:00** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:00** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0159 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:03** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0160 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-AA** | **05/16/16 09:37** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:05** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.155 | 0.0862 | 0.00607 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-AA** | **05/16/16 10:58** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:07** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0224 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-AA** | **05/16/16 11:33** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:09** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0587 | 0.0806 | 0.00568 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:16** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0806 | 0.00568 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-AA** | **05/16/16 12:29** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:21** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0273 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-AA** | **05/16/16 12:49** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:18** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0559 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-480-38** | **N/A** | **Solid** | **Mercury 05** | **05/23/16** | **05/23/16 20:01** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9-0.5** | **16-05-1183-2-A** | **05/16/16 08:42** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 18:11** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6-0.5** | **16-05-1183-4-A** | **05/16/16 09:08** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 18:30** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 98 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13-0.5** | **16-05-1183-6-A** | **05/16/16 09:27** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 18:49** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15-0.5** | **16-05-1183-8-A** | **05/16/16 09:51** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:08** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2-0.5** | **16-05-1183-10-A** | **05/16/16 11:11** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:27** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| D32E33-0.5 | 16-05-1183-12-A | 05/16/16 11:45 | Solid | GC 31 | 05/20/16 | 05/24/16 12:11 | 160520L09 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 173 | 24-168 | 2,7 |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32-0.5** | **16-05-1183-14-A** | **05/16/16 12:15** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:46** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 410 | 50 | 31 | 1.00 | |
| Aroclor-1260 | 550 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| G31H32-0.5-Dup | 16-05-1183-15-A | 05/16/16 12:20 | Solid | GC 31 | 05/20/16 | 05/23/16 21:54 | 160520L09 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 370 | 50 | 32 | 1.00 | |
| Aroclor-1260 | 520 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 107 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32-0.5** | **16-05-1183-17-A** | **05/16/16 12:38** | **Solid** | **GC 31** | **05/20/16** | **05/24/16 11:33** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

| K30L31-0.5 | 16-05-1183-19-A | 05/16/16 13:10 | Solid | GC 31 | 05/20/16 | 05/24/16 11:52 | 160520L09 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 31000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | 23000 | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 150 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 131 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3742** | **N/A** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 17:33** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-AA** | **05/16/16 08:35** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/26/16 15:14** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 71 | 25-120 | |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 70 | 27-159 | |
| Phenol-d6 | 69 | 26-122 | |
| 2,4,6-Tribromophenol | 77 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-AA** | **05/16/16 09:00** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 15:29** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 63 | 27-120 | |
| 2-Fluorophenol | 64 | 25-120 | |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 72 | 27-159 | |
| Phenol-d6 | 64 | 26-122 | |
| 2,4,6-Tribromophenol | 86 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 12:12** | **160520L10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.092 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.056 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.065 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.064 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.059 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.063 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.074 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.62 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | 9.3 | 0.50 | 0.056 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.051 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.047 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 9 of 36 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 56 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 55 | 33-123 | |
| p-Terphenyl-d14 | 67 | 27-159 | |
| Phenol-d6 | 8 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 3 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 15:48** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | 0.12 | 0.50 | 0.11 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 63 | 25-120 | |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 74 | 27-159 | |
| Phenol-d6 | 63 | 26-122 | |
| 2,4,6-Tribromophenol | 84 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-AA** | **05/16/16 09:37** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 16:07** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | 0.17 | 0.50 | 0.066 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | 0.12 | 0.50 | 0.11 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 72 | 25-120 | |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 72 | 26-122 | |
| 2,4,6-Tribromophenol | 88 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-AA** | **05/16/16 10:58** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 16:25** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.055 | 0.50 | 0.053 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | 0.13 | 0.50 | 0.11 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 18 of 36 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 65 | 25-120 | |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 65 | 26-122 | |
| 2,4,6-Tribromophenol | 88 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-AA** | **05/16/16 11:33** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 16:43** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | 0.41 | 0.50 | 0.054 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 65 | 27-120 | |
| 2-Fluorophenol | 67 | 25-120 | |
| Nitrobenzene-d5 | 66 | 33-123 | |
| p-Terphenyl-d14 | 71 | 27-159 | |
| Phenol-d6 | 66 | 26-122 | |
| 2,4,6-Tribromophenol | 86 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 17:02** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | 0.10 | 0.50 | 0.060 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 24 of 36 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 60 | 27-120 | |
| 2-Fluorophenol | 60 | 25-120 | |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 71 | 27-159 | |
| Phenol-d6 | 61 | 26-122 | |
| 2,4,6-Tribromophenol | 84 | 18-138 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 18:21** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 73 | 5.0 | 0.66 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 66 | 25-120 | |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 66 | 26-122 | |
| 2,4,6-Tribromophenol | 87 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-AA** | **05/16/16 12:29** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 17:20** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 62 | 27-120 | |
| 2-Fluorophenol | 63 | 25-120 | |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 64 | 26-122 | |
| 2,4,6-Tribromophenol | 86 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-AA** | **05/16/16 12:49** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 17:38** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | 0.48 | 0.50 | 0.066 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | 0.50 | 0.053 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 65 | 25-120 | |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 72 | 27-159 | |
| Phenol-d6 | 66 | 26-122 | |
| 2,4,6-Tribromophenol | 85 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-55** | **N/A** | **Solid** | **GC/MS CCC** | **05/20/16** | **05/23/16 10:57** | **160520L10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 85 | 25-120 | |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 84 | 26-122 | |
| 2,4,6-Tribromophenol | 96 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-56** | **N/A** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 13:15** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 83 | 25-120 | |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 79 | 27-159 | |
| Phenol-d6 | 80 | 26-122 | |
| 2,4,6-Tribromophenol | 87 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-A** | **05/16/16 08:35** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:00** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| Carbon Disulfide | 0.61 | 51 | 0.31 | 1.00 | J |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | 0.48 | 5.1 | 0.36 | 1.00 | J |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 1.1 | 51 | 0.84 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | 0.59 | 51 | 0.39 | 1.00 | J |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 53 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 102 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-A** | **05/16/16 09:00** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 13:44** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 9.2 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 60-132 | |
| Dibromofluoromethane | 43 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-A** | **05/16/16 09:18** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 14:10** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 8.0 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 101 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 106 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-A** | **05/16/16 09:37** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 14:36** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 130 | 6.3 | 1.00 | |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 60-132 | |
| Dibromofluoromethane | 38 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 100 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-A** | **05/16/16 10:58** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 15:02** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 8.3 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | 1.8 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 43 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 108 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-A** | **05/16/16 11:33** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 15:29** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 17 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 60-132 | |
| Dibromofluoromethane | 45 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-A** | **05/16/16 11:54** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 15:54** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.24 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 107 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-A** | **05/16/16 12:29** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 16:21** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 7.3 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 103 | 60-132 | |
| Dibromofluoromethane | 47 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-A** | **05/16/16 12:49** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 16:47** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 103 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 108 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-537** | **N/A** | **Solid** | **GC/MS Q** | **05/18/16** | **05/18/16 10:00** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 105 | 63-141 | |
| 1,2-Dichloroethane-d4 | 106 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3060A
Method: EPA 7199

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **D32E33** | **Sample** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:55** | **160602S01P** |
| **D32E33** | **Matrix Spike** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:49** | **160602S01P** |
| **D32E33** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:58** | **160602S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 1349 | 20000 | 18200 | 84 | 19650 | 91 | 75-125 | 8 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC12AD13** | **Sample** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:18** | **160518S01** |
| **AC12AD13** | **Matrix Spike** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 14:09** | **160518S01** |
| **AC12AD13** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 14:26** | **160518S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 42.69 | 400.0 | 414.2 | 93 | 422.6 | 95 | 64-130 | 2 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 3 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:09** | **160518S05A** |
| **A1C2** | **Matrix Spike** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:10** | **160518S05A** |
| **A1C2** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:11** | **160518S05A** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 9.390 | 38 | 11.35 | 45 | 50-115 | 19 | 0-20 | 3 |
| Arsenic | 7.453 | 25.00 | 32.01 | 98 | 32.75 | 101 | 75-125 | 2 | 0-20 | |
| Barium | 98.34 | 25.00 | 116.4 | 72 | 114.7 | 66 | 75-125 | 1 | 0-20 | 3 |
| Beryllium | ND | 25.00 | 25.35 | 101 | 25.58 | 102 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 25.52 | 102 | 25.45 | 102 | 75-125 | 0 | 0-20 | |
| Chromium | 11.41 | 25.00 | 34.93 | 94 | 35.70 | 97 | 75-125 | 2 | 0-20 | |
| Cobalt | 5.497 | 25.00 | 29.39 | 96 | 29.09 | 94 | 75-125 | 1 | 0-20 | |
| Copper | 25.04 | 25.00 | 49.25 | 97 | 49.34 | 97 | 75-125 | 0 | 0-20 | |
| Lead | 3.104 | 25.00 | 28.16 | 100 | 27.21 | 96 | 75-125 | 3 | 0-20 | |
| Molybdenum | 0.3630 | 25.00 | 25.79 | 102 | 25.16 | 99 | 75-125 | 2 | 0-20 | |
| Nickel | 6.234 | 25.00 | 29.46 | 93 | 28.78 | 90 | 75-125 | 2 | 0-20 | |
| Selenium | ND | 25.00 | 24.79 | 99 | 24.91 | 100 | 75-125 | 0 | 0-20 | |
| Silver | 0.3363 | 12.50 | 14.61 | 114 | 14.32 | 112 | 75-125 | 2 | 0-20 | |
| Thallium | ND | 25.00 | 25.41 | 102 | 24.40 | 98 | 75-125 | 4 | 0-20 | |
| Vanadium | 19.15 | 25.00 | 42.10 | 92 | 42.45 | 93 | 75-125 | 1 | 0-20 | |
| Zinc | 45.33 | 25.00 | 65.01 | 79 | 64.54 | 77 | 75-125 | 1 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:07** | **160523S05** |
| **A1C2** | **Matrix Spike** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:23** | **160523S05** |
| **A1C2** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:25** | **160523S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.8195 | 98 | 0.8113 | 97 | 75-125 | 1 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3540C |
| | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 5 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB14AC15-0.5** | **Sample** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:08** | **160520S09** |
| **AB14AC15-0.5** | **Matrix Spike** | **Solid** | **GC 31** | **05/20/16** | **05/24/16 10:55** | **160520S09** |
| **AB14AC15-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **05/20/16** | **05/24/16 11:14** | **160520S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 95.70 | 96 | 101.0 | 101 | 50-135 | 5 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 92.29 | 92 | 96.10 | 96 | 50-135 | 4 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC12AD13** | **Sample** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 12:12** | **160520S10** |
| **AC12AD13** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 11:35** | **160520S10** |
| **AC12AD13** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 11:54** | **160520S10** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 5.000 | 3.668 | 73 | 3.576 | 72 | 34-148 | 3 | 0-20 | |
| Acenaphthylene | ND | 5.000 | 3.650 | 73 | 3.499 | 70 | 50-125 | 4 | 0-20 | |
| Aniline | ND | 5.000 | 4.357 | 87 | 4.158 | 83 | 50-130 | 5 | 0-20 | |
| Anthracene | ND | 5.000 | 4.265 | 85 | 4.034 | 81 | 25-140 | 6 | 0-20 | |
| Azobenzene | ND | 5.000 | 3.666 | 73 | 3.413 | 68 | 50-130 | 7 | 0-20 | |
| Benzidine | ND | 5.000 | 5.488 | 110 | 4.967 | 99 | 50-130 | 10 | 0-20 | |
| Benzo (a) Anthracene | ND | 5.000 | 4.378 | 88 | 4.157 | 83 | 30-145 | 5 | 0-20 | |
| Benzo (a) Pyrene | ND | 5.000 | 4.716 | 94 | 4.334 | 87 | 15-165 | 8 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 5.000 | 4.949 | 99 | 4.215 | 84 | 20-160 | 16 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 5.000 | 4.563 | 91 | 4.324 | 86 | 20-180 | 5 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 5.000 | 4.363 | 87 | 4.318 | 86 | 20-160 | 1 | 0-20 | |
| Benzoic Acid | ND | 5.000 | 0.5809 | 12 | 0.3903 | 8 | 50-130 | 39 | 0-20 | 3,4 |
| Benzyl Alcohol | ND | 5.000 | 3.470 | 69 | 3.391 | 68 | 50-130 | 2 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 5.000 | 3.276 | 66 | 3.199 | 64 | 30-185 | 2 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 5.000 | 3.078 | 62 | 2.943 | 59 | 10-160 | 4 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 5.000 | 2.972 | 59 | 2.901 | 58 | 35-170 | 2 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.000 | 4.937 | 99 | 4.632 | 93 | 20-165 | 6 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 5.000 | 4.084 | 82 | 3.927 | 79 | 50-130 | 4 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 5.000 | 4.986 | 100 | 4.565 | 91 | 40-140 | 9 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 5.000 | 0.09804 | 2 | 0.1569 | 3 | 50-125 | 46 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 5.000 | 5.235 | 105 | 5.224 | 104 | 50-130 | 0 | 0-20 | |
| 2-Chloronaphthalene | ND | 5.000 | 3.515 | 70 | 3.376 | 68 | 60-120 | 4 | 0-20 | |
| 2-Chlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 53-120 | 0 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.000 | 3.765 | 75 | 3.645 | 73 | 20-160 | 3 | 0-20 | |
| Chrysene | ND | 5.000 | 4.341 | 87 | 4.067 | 81 | 15-170 | 7 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 5.000 | 4.322 | 86 | 4.156 | 83 | 20-120 | 4 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 5.000 | 5.764 | 115 | 5.029 | 101 | 20-150 | 14 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 5.000 | 4.472 | 89 | 4.191 | 84 | 20-180 | 7 | 0-20 | |
| Dibenzofuran | ND | 5.000 | 3.696 | 74 | 3.508 | 70 | 50-130 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 5.000 | 3.009 | 60 | 3.012 | 60 | 32-129 | 0 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 5.000 | 2.817 | 56 | 2.843 | 57 | 20-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 5.000 | 2.894 | 58 | 2.910 | 58 | 43-120 | 1 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 5.000 | 5.290 | 106 | 4.967 | 99 | 20-180 | 6 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 39-135 | 0 | 0-20 | 3 |
| Diethyl Phthalate | ND | 5.000 | 3.653 | 73 | 3.556 | 71 | 20-145 | 3 | 0-20 | |
| Dimethyl Phthalate | ND | 5.000 | 3.422 | 68 | 3.327 | 67 | 50-125 | 3 | 0-20 | |
| 2,4-Dimethylphenol | ND | 5.000 | 2.393 | 48 | 2.442 | 49 | 32-119 | 2 | 0-20 | |
| 4,6-Dinitro-2-Methylphenol | ND | 5.000 | 0.9375 | 19 | 0.9611 | 19 | 20-180 | 2 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 5.000 | 1.080 | 22 | 1.065 | 21 | 20-180 | 1 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 5.000 | 4.006 | 80 | 3.853 | 77 | 51-129 | 4 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 5.000 | 4.139 | 83 | 3.985 | 80 | 50-158 | 4 | 0-20 | |
| Fluoranthene | ND | 5.000 | 4.515 | 90 | 4.294 | 86 | 25-140 | 5 | 0-20 | |
| Fluorene | ND | 5.000 | 3.890 | 78 | 3.750 | 75 | 50-130 | 4 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 5.000 | 3.253 | 65 | 3.202 | 64 | 20-120 | 2 | 0-20 | |
| Hexachlorobenzene | ND | 5.000 | 3.837 | 77 | 3.640 | 73 | 20-150 | 5 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 5.000 | 2.747 | 55 | 2.564 | 51 | 50-130 | 7 | 0-20 | |
| Hexachloroethane | ND | 5.000 | 2.892 | 58 | 2.923 | 58 | 40-115 | 1 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.000 | 4.366 | 87 | 4.098 | 82 | 20-180 | 6 | 0-20 | |
| Isophorone | 9.324 | 5.000 | 13.96 | 93 | 13.98 | 93 | 20-196 | 0 | 0-20 | |
| 2-Methylnaphthalene | ND | 5.000 | 3.686 | 74 | 3.633 | 73 | 20-145 | 1 | 0-20 | |
| 1-Methylnaphthalene | ND | 5.000 | 3.284 | 66 | 3.201 | 64 | 20-180 | 3 | 0-20 | |
| 2-Methylphenol | ND | 5.000 | 1.783 | 36 | 1.985 | 40 | 50-130 | 11 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 10.00 | 1.837 | 18 | 2.169 | 22 | 50-130 | 17 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 5.000 | 3.175 | 63 | 3.108 | 62 | 38-140 | 2 | 0-20 | |
| N-Nitrosodimethylamine | ND | 5.000 | 1.093 | 22 | 1.138 | 23 | 50-130 | 4 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 5.000 | 4.622 | 92 | 4.458 | 89 | 50-130 | 4 | 0-20 | |
| Naphthalene | ND | 5.000 | 3.329 | 67 | 3.216 | 64 | 20-140 | 3 | 0-20 | |
| 4-Nitroaniline | ND | 5.000 | 4.235 | 85 | 4.093 | 82 | 50-130 | 3 | 0-20 | |
| 3-Nitroaniline | ND | 5.000 | 5.879 | 118 | 5.669 | 113 | 50-130 | 4 | 0-20 | |
| 2-Nitroaniline | ND | 5.000 | 3.829 | 77 | 3.598 | 72 | 50-130 | 6 | 0-20 | |
| Nitrobenzene | ND | 5.000 | 3.282 | 66 | 3.171 | 63 | 35-180 | 3 | 0-20 | |
| 4-Nitrophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 14-128 | 0 | 0-59 | 3 |
| 2-Nitrophenol | ND | 5.000 | 0.2358 | 5 | 0.2440 | 5 | 25-185 | 3 | 0-20 | 3 |
| Pentachlorophenol | ND | 5.000 | 0 | 0 | 0.07624 | 2 | 10-124 | 200 | 0-20 | 3,4 |
| Phenanthrene | ND | 5.000 | 4.330 | 87 | 4.106 | 82 | 50-125 | 5 | 0-20 | |
| Phenol | ND | 5.000 | 0.2523 | 5 | 0.2978 | 6 | 22-124 | 17 | 0-20 | 3 |
| Pyrene | ND | 5.000 | 4.325 | 87 | 4.070 | 81 | 31-169 | 6 | 0-20 | |
| Pyridine | ND | 5.000 | 5.217 | 104 | 5.177 | 104 | 50-130 | 1 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 5.000 | 3.331 | 67 | 3.290 | 66 | 40-130 | 1 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 37-144 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 50-130 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **16-05-1467-2** | **Sample** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 14:56** | **160526S05** |
| **16-05-1467-2** | **Matrix Spike** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 14:20** | **160526S05** |
| **16-05-1467-2** | **Matrix Spike Duplicate** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 14:38** | **160526S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 5.000 | 3.591 | 72 | 3.772 | 75 | 75-125 | 5 | 0-20 | 3 |
| Acenaphthene | ND | 5.000 | 3.612 | 72 | 3.847 | 77 | 34-148 | 6 | 0-20 | |
| Acenaphthylene | ND | 5.000 | 3.574 | 71 | 3.798 | 76 | 50-125 | 6 | 0-20 | |
| Aniline | ND | 5.000 | 3.301 | 66 | 3.436 | 69 | 50-130 | 4 | 0-20 | |
| Anthracene | ND | 5.000 | 3.706 | 74 | 3.906 | 78 | 25-140 | 5 | 0-20 | |
| Azobenzene | ND | 5.000 | 3.419 | 68 | 3.598 | 72 | 50-130 | 5 | 0-20 | |
| Benzidine | ND | 5.000 | 2.810 | 56 | 3.066 | 61 | 50-130 | 9 | 0-20 | |
| Benzo (a) Anthracene | ND | 5.000 | 3.657 | 73 | 3.873 | 77 | 30-145 | 6 | 0-20 | |
| Benzo (a) Pyrene | ND | 5.000 | 3.678 | 74 | 3.888 | 78 | 15-165 | 6 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 5.000 | 3.707 | 74 | 3.833 | 77 | 20-160 | 3 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 5.000 | 3.695 | 74 | 3.901 | 78 | 20-180 | 5 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 5.000 | 3.542 | 71 | 3.801 | 76 | 20-160 | 7 | 0-20 | |
| Benzoic Acid | ND | 5.000 | 3.696 | 74 | 3.985 | 80 | 50-130 | 8 | 0-20 | |
| Benzyl Alcohol | ND | 5.000 | 3.497 | 70 | 3.547 | 71 | 50-130 | 1 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 5.000 | 3.475 | 70 | 3.580 | 72 | 30-185 | 3 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 5.000 | 3.526 | 71 | 3.509 | 70 | 10-160 | 0 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 5.000 | 3.342 | 67 | 3.376 | 68 | 35-170 | 1 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.000 | 3.996 | 80 | 4.224 | 84 | 20-165 | 6 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 5.000 | 3.649 | 73 | 3.939 | 79 | 50-130 | 8 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 5.000 | 3.867 | 77 | 4.134 | 83 | 40-140 | 7 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 5.000 | 3.464 | 69 | 3.647 | 73 | 50-125 | 5 | 0-20 | |
| 4-Chloroaniline | ND | 5.000 | 3.475 | 70 | 3.703 | 74 | 50-130 | 6 | 0-20 | |
| 2-Chloronaphthalene | ND | 5.000 | 3.542 | 71 | 3.707 | 74 | 60-120 | 5 | 0-20 | |
| 2-Chlorophenol | ND | 5.000 | 3.569 | 71 | 3.594 | 72 | 53-120 | 1 | 0-20 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.000 | 3.566 | 71 | 3.740 | 75 | 20-160 | 5 | 0-20 | |
| Chrysene | ND | 5.000 | 3.527 | 71 | 3.791 | 76 | 15-170 | 7 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 5.000 | 3.628 | 73 | 3.865 | 77 | 20-120 | 6 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 5.000 | 3.735 | 75 | 3.993 | 80 | 20-150 | 7 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 5.000 | 3.534 | 71 | 3.757 | 75 | 20-180 | 6 | 0-20 | |
| Dibenzofuran | ND | 5.000 | 3.583 | 72 | 3.763 | 75 | 50-130 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 5.000 | 3.640 | 73 | 3.600 | 72 | 32-129 | 1 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 5.000 | 3.650 | 73 | 3.586 | 72 | 20-130 | 2 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 5.000 | 3.626 | 73 | 3.581 | 72 | 43-120 | 1 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 5.000 | 2.552 | 51 | 2.766 | 55 | 20-180 | 8 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | |
|---|---|
| Haley & Aldrich, Inc. | Date Received: 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: EPA 3545 |
| | Method: EPA 8270C |

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 Page 9 of 11

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 5.000 | 3.627 | 73 | 3.722 | 74 | 39-135 | 3 | 0-20 | |
| Diethyl Phthalate | ND | 5.000 | 3.439 | 69 | 3.688 | 74 | 20-145 | 7 | 0-20 | |
| Dimethyl Phthalate | ND | 5.000 | 3.504 | 70 | 3.714 | 74 | 50-125 | 6 | 0-20 | |
| 2,4-Dimethylphenol | ND | 5.000 | 3.681 | 74 | 3.785 | 76 | 32-119 | 3 | 0-20 | |
| 4,6-Dinitro-2-Methylphenol | ND | 5.000 | 4.205 | 84 | 4.566 | 91 | 20-180 | 8 | 0-20 | |
| 2,4-Dinitrophenol | ND | 5.000 | 4.359 | 87 | 4.793 | 96 | 20-180 | 9 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 5.000 | 3.968 | 79 | 4.264 | 85 | 51-129 | 7 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 5.000 | 3.931 | 79 | 4.200 | 84 | 50-158 | 7 | 0-20 | |
| Fluoranthene | ND | 5.000 | 3.736 | 75 | 4.022 | 80 | 25-140 | 7 | 0-20 | |
| Fluorene | ND | 5.000 | 3.667 | 73 | 3.897 | 78 | 50-130 | 6 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 5.000 | 3.606 | 72 | 3.693 | 74 | 20-120 | 2 | 0-20 | |
| Hexachlorobenzene | ND | 5.000 | 3.550 | 71 | 3.769 | 75 | 20-150 | 6 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 5.000 | 4.174 | 83 | 4.289 | 86 | 50-130 | 3 | 0-20 | |
| Hexachloroethane | ND | 5.000 | 3.742 | 75 | 3.661 | 73 | 40-115 | 2 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.000 | 3.506 | 70 | 3.696 | 74 | 20-180 | 5 | 0-20 | |
| Isophorone | ND | 5.000 | 3.421 | 68 | 3.565 | 71 | 20-196 | 4 | 0-20 | |
| 2-Methylnaphthalene | ND | 5.000 | 3.747 | 75 | 3.899 | 78 | 20-145 | 4 | 0-20 | |
| 1-Methylnaphthalene | ND | 5.000 | 3.296 | 66 | 3.423 | 68 | 20-180 | 4 | 0-20 | |
| 2-Methylphenol | ND | 5.000 | 3.560 | 71 | 3.624 | 72 | 50-130 | 2 | 0-20 | |
| 3/4-Methylphenol | ND | 10.00 | 7.262 | 73 | 7.500 | 75 | 50-130 | 3 | 0-20 | |
| N-Nitroso-di-n-propylamine | ND | 5.000 | 3.460 | 69 | 3.495 | 70 | 38-140 | 1 | 0-20 | |
| N-Nitrosodimethylamine | ND | 5.000 | 3.576 | 72 | 3.510 | 70 | 50-130 | 2 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 5.000 | 4.067 | 81 | 4.293 | 86 | 50-130 | 5 | 0-20 | |
| Naphthalene | ND | 5.000 | 3.559 | 71 | 3.688 | 74 | 20-140 | 4 | 0-20 | |
| 4-Nitroaniline | ND | 5.000 | 3.509 | 70 | 3.809 | 76 | 50-130 | 8 | 0-20 | |
| 3-Nitroaniline | ND | 5.000 | 4.148 | 83 | 4.441 | 89 | 50-130 | 7 | 0-20 | |
| 2-Nitroaniline | ND | 5.000 | 3.718 | 74 | 3.923 | 78 | 50-130 | 5 | 0-20 | |
| Nitrobenzene | ND | 5.000 | 3.575 | 72 | 3.632 | 73 | 35-180 | 2 | 0-20 | |
| 4-Nitrophenol | ND | 5.000 | 3.685 | 74 | 3.980 | 80 | 14-128 | 8 | 0-59 | |
| 2-Nitrophenol | ND | 5.000 | 3.830 | 77 | 3.941 | 79 | 25-185 | 3 | 0-20 | |
| Pentachlorophenol | ND | 5.000 | 3.521 | 70 | 3.786 | 76 | 10-124 | 7 | 0-20 | |
| Phenanthrene | ND | 5.000 | 3.805 | 76 | 4.016 | 80 | 50-125 | 5 | 0-20 | |
| Phenol | ND | 5.000 | 3.495 | 70 | 3.605 | 72 | 22-124 | 3 | 0-20 | |
| Pyrene | ND | 5.000 | 3.736 | 75 | 3.960 | 79 | 31-169 | 6 | 0-20 | |
| Pyridine | ND | 5.000 | 4.177 | 84 | 4.003 | 80 | 50-130 | 4 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 5.000 | 3.688 | 74 | 3.687 | 74 | 40-130 | 0 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 5.000 | 3.596 | 72 | 3.773 | 75 | 37-144 | 5 | 0-20 | |
| 2,4,5-Trichlorophenol | ND | 5.000 | 3.478 | 70 | 3.707 | 74 | 50-130 | 6 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB8AC9** | **Sample** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:00** | **160518S001** |
| **AB8AC9** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:26** | **160518S001** |
| **AB8AC9** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:52** | **160518S001** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 62.21 | 124 | 63.23 | 126 | 70-130 | 2 | 0-20 | |
| Benzene | ND | 50.00 | 45.83 | 92 | 44.69 | 89 | 61-127 | 3 | 0-20 | |
| Bromobenzene | ND | 50.00 | 46.08 | 92 | 45.10 | 90 | 70-130 | 2 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 48.91 | 98 | 48.83 | 98 | 70-130 | 0 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 49.65 | 99 | 47.18 | 94 | 70-130 | 5 | 0-20 | |
| Bromoform | ND | 50.00 | 50.54 | 101 | 50.79 | 102 | 70-130 | 0 | 0-20 | |
| Bromomethane | ND | 50.00 | 41.05 | 82 | 39.25 | 78 | 70-130 | 4 | 0-20 | |
| 2-Butanone | ND | 50.00 | 48.59 | 97 | 50.33 | 101 | 70-130 | 4 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 47.65 | 95 | 46.90 | 94 | 77-123 | 2 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 46.83 | 94 | 46.25 | 93 | 70-130 | 1 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 42.61 | 85 | 41.61 | 83 | 70-130 | 2 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 46.69 | 93 | 44.35 | 89 | 70-130 | 5 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 58.15 | 116 | 58.11 | 116 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 46.10 | 92 | 44.86 | 90 | 57-123 | 3 | 0-20 | |
| Chloroethane | ND | 50.00 | 55.80 | 112 | 54.81 | 110 | 70-130 | 2 | 0-20 | |
| Chloroform | ND | 50.00 | 49.86 | 100 | 48.83 | 98 | 70-130 | 2 | 0-20 | |
| Chloromethane | ND | 50.00 | 56.94 | 114 | 55.55 | 111 | 70-130 | 2 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 45.91 | 92 | 45.00 | 90 | 70-130 | 2 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 46.51 | 93 | 45.69 | 91 | 70-130 | 2 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 48.02 | 96 | 47.07 | 94 | 70-130 | 2 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 40.95 | 82 | 38.38 | 77 | 70-130 | 6 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 45.25 | 91 | 45.15 | 90 | 64-124 | 0 | 0-20 | |
| Dibromomethane | ND | 50.00 | 47.86 | 96 | 47.36 | 95 | 70-130 | 1 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 45.23 | 90 | 45.05 | 90 | 35-131 | 0 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 45.61 | 91 | 45.11 | 90 | 70-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 45.26 | 91 | 44.42 | 89 | 70-130 | 2 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 44.46 | 89 | 43.57 | 87 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 51.98 | 104 | 51.14 | 102 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 47.19 | 94 | 46.14 | 92 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 55.79 | 112 | 60.57 | 121 | 47-143 | 8 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 49.47 | 99 | 49.40 | 99 | 70-130 | 0 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 49.86 | 100 | 49.23 | 98 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 49.68 | 99 | 49.19 | 98 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 45.35 | 91 | 44.79 | 90 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 50.00 | 50.35 | 101 | 49.93 | 100 | 70-130 | 1 | 0-20 | |
| 1,1-Dichloropropene | ND | 50.00 | 51.58 | 103 | 51.23 | 102 | 70-130 | 1 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 50.35 | 101 | 49.56 | 99 | 70-130 | 2 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 48.52 | 97 | 49.16 | 98 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 46.68 | 93 | 45.04 | 90 | 57-129 | 4 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 45.26 | 91 | 46.34 | 93 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 47.45 | 95 | 46.22 | 92 | 70-130 | 3 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 48.04 | 96 | 46.86 | 94 | 70-130 | 2 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 48.61 | 97 | 48.18 | 96 | 70-130 | 1 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 43.67 | 87 | 45.00 | 90 | 70-130 | 3 | 0-20 | |
| Naphthalene | ND | 50.00 | 42.61 | 85 | 43.71 | 87 | 70-130 | 3 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 47.50 | 95 | 46.15 | 92 | 70-130 | 3 | 0-20 | |
| Styrene | ND | 50.00 | 45.75 | 91 | 44.84 | 90 | 70-130 | 2 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 49.92 | 100 | 48.77 | 98 | 70-130 | 2 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.3055 | 1 | 1.090 | 2 | 70-130 | 112 | 0-20 | 3,4 |
| Tetrachloroethene | ND | 50.00 | 83.46 | 167 | 80.81 | 162 | 70-130 | 3 | 0-20 | 3 |
| Toluene | ND | 50.00 | 48.54 | 97 | 47.30 | 95 | 63-123 | 3 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 46.44 | 93 | 46.08 | 92 | 70-130 | 1 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 49.54 | 99 | 48.88 | 98 | 70-130 | 1 | 0-20 | |
| 1,1,1-Trichloroethane | ND | 50.00 | 51.01 | 102 | 50.49 | 101 | 70-130 | 1 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 41.12 | 82 | 36.43 | 73 | 70-130 | 12 | 0-20 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 52.38 | 105 | 50.98 | 102 | 70-130 | 3 | 0-20 | |
| Trichloroethene | ND | 50.00 | 90.68 | 181 | 88.64 | 177 | 44-158 | 2 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 45.36 | 91 | 44.77 | 90 | 70-130 | 1 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 46.26 | 93 | 45.72 | 91 | 70-130 | 1 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 56.21 | 112 | 55.45 | 111 | 70-130 | 1 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 48.06 | 96 | 46.35 | 93 | 70-130 | 4 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.2398 | 0 | 0.2870 | 1 | 70-130 | 18 | 0-20 | 3 |
| Vinyl Chloride | ND | 50.00 | 52.25 | 105 | 51.76 | 104 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 92.66 | 93 | 91.52 | 92 | 70-130 | 1 | 0-20 | |
| o-Xylene | ND | 50.00 | 46.61 | 93 | 46.04 | 92 | 70-130 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 46.39 | 93 | 47.03 | 94 | 57-123 | 1 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **ICP 7300** | **05/18/16 00:00** | **05/24/16 11:09** | **160518S05A** |
| **A1C2** | **PDS** | **Concrete** | **ICP 7300** | **05/18/16 00:00** | **05/24/16 11:12** | **160518S05A** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 23.89 | 96 | 75-125 | |
| Arsenic | 7.453 | 25.00 | 30.80 | 93 | 75-125 | |
| Barium | 98.34 | 25.00 | 121.1 | 91 | 75-125 | |
| Beryllium | ND | 25.00 | 24.16 | 97 | 75-125 | |
| Cadmium | ND | 25.00 | 23.52 | 94 | 75-125 | |
| Chromium | 11.41 | 25.00 | 35.07 | 95 | 75-125 | |
| Cobalt | 5.497 | 25.00 | 28.50 | 92 | 75-125 | |
| Copper | 25.04 | 25.00 | 49.56 | 98 | 75-125 | |
| Lead | 3.104 | 25.00 | 26.21 | 92 | 75-125 | |
| Molybdenum | 0.3630 | 25.00 | 24.76 | 98 | 75-125 | |
| Nickel | 6.234 | 25.00 | 28.79 | 90 | 75-125 | |
| Selenium | ND | 25.00 | 25.27 | 101 | 75-125 | |
| Silver | 0.3363 | 12.50 | 13.15 | 103 | 75-125 | |
| Thallium | ND | 25.00 | 22.71 | 91 | 75-125 | |
| Vanadium | 19.15 | 25.00 | 42.97 | 95 | 75-125 | |
| Zinc | 45.33 | 25.00 | 67.18 | 87 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **Mercury 05** | **05/23/16 00:00** | **05/24/16 17:07** | **160523S05** |
| **A1C2** | **PDS** | **Concrete** | **Mercury 05** | **05/23/16 00:00** | **05/24/16 16:56** | **160523S05** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9796 | 117 | 75-125 | |

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 1 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2923** | **LCS** | **Solid** | **IC 11** | **06/02/16** | **06/02/16 19:01** | **160602L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19760 | 99 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-2098** | **LCS** | **Solid** | **GC 46** | **05/18/16** | **05/19/16 13:52** | **160518B01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 355.1 | 89 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-22697** | **LCS** | **Solid** | **ICP 7300** | **05/18/16** | **05/24/16 11:06** | **160518L05D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 23.63 | 95 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 23.39 | 94 | 80-120 | 73-127 | |
| Barium | 25.00 | 25.56 | 102 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 22.59 | 90 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 24.53 | 98 | 80-120 | 73-127 | |
| Chromium | 25.00 | 24.57 | 98 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 25.47 | 102 | 80-120 | 73-127 | |
| Copper | 25.00 | 24.08 | 96 | 80-120 | 73-127 | |
| Lead | 25.00 | 24.95 | 100 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 24.30 | 97 | 80-120 | 73-127 | |
| Nickel | 25.00 | 24.63 | 99 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.06 | 92 | 80-120 | 73-127 | |
| Silver | 12.50 | 11.98 | 96 | 80-120 | 73-127 | |
| Thallium | 25.00 | 24.97 | 100 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 24.01 | 96 | 80-120 | 73-127 | |
| Zinc | 25.00 | 24.60 | 98 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 4 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-480-38** | **LCS** | **Solid** | **Mercury 05** | **05/23/16** | **05/23/16 20:04** | **160523L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8249 | 99 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 5 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3742** | **LCS** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 17:52** | **160520L09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 96.06 | 96 | 50-135 | |
| Aroclor-1260 | 100.0 | 103.9 | 104 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-55** | **LCS** | **Solid** | **GC/MS CCC** | **05/20/16** | **05/23/16 11:15** | **160520L10** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 5.000 | 3.895 | 78 | 80-120 | 73-127 | ME |
| Acenaphthene | 5.000 | 4.002 | 80 | 51-123 | 39-135 | |
| Acenaphthylene | 5.000 | 3.926 | 79 | 52-120 | 41-131 | |
| Aniline | 5.000 | 5.010 | 100 | 50-130 | 37-143 | |
| Anthracene | 5.000 | 4.127 | 83 | 27-133 | 9-151 | |
| Azobenzene | 5.000 | 3.874 | 77 | 50-130 | 37-143 | |
| Benzidine | 5.000 | 3.993 | 80 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 5.000 | 4.368 | 87 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 5.000 | 4.413 | 88 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 5.000 | 4.365 | 87 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 5.000 | 4.393 | 88 | 20-180 | 0-207 | |
| Benzo (k) Fluoranthene | 5.000 | 4.295 | 86 | 24-159 | 2-182 | |
| Benzoic Acid | 5.000 | 1.934 | 39 | 50-130 | 37-143 | ME |
| Benzyl Alcohol | 5.000 | 3.987 | 80 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 5.000 | 3.783 | 76 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 5.000 | 3.866 | 77 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 5.000 | 3.823 | 76 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 5.000 | 4.822 | 96 | 20-160 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 5.000 | 4.002 | 80 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 5.000 | 4.603 | 92 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 5.000 | 4.019 | 80 | 55-121 | 44-132 | |
| 4-Chloroaniline | 5.000 | 5.315 | 106 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 5.000 | 3.815 | 76 | 60-118 | 50-128 | |
| 2-Chlorophenol | 5.000 | 4.150 | 83 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 5.000 | 3.852 | 77 | 25-158 | 3-180 | |
| Chrysene | 5.000 | 4.174 | 83 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 5.000 | 4.313 | 86 | 20-120 | 3-137 | |
| Di-n-Octyl Phthalate | 5.000 | 4.622 | 92 | 20-146 | 0-167 | |
| Dibenz (a,h) Anthracene | 5.000 | 4.188 | 84 | 20-180 | 0-207 | |
| Dibenzofuran | 5.000 | 3.844 | 77 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 5.000 | 3.837 | 77 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 5.000 | 3.677 | 74 | 20-130 | 2-148 | |
| 1,4-Dichlorobenzene | 5.000 | 3.778 | 76 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 5.000 | 4.949 | 99 | 20-180 | 0-207 | |
| 2,4-Dichlorophenol | 5.000 | 3.862 | 77 | 39-135 | 23-151 | |
| Diethyl Phthalate | 5.000 | 3.888 | 78 | 20-114 | 4-130 | |
| Dimethyl Phthalate | 5.000 | 3.805 | 76 | 51-123 | 39-135 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | 5.000 | 3.975 | 80 | 32-119 | 18-134 | |
| 4,6-Dinitro-2-Methylphenol | 5.000 | 3.844 | 77 | 20-180 | 0-207 | |
| 2,4-Dinitrophenol | 5.000 | 2.665 | 53 | 20-180 | 0-207 | |
| 2,4-Dinitrotoluene | 5.000 | 4.478 | 90 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 5.000 | 4.310 | 86 | 50-158 | 32-176 | |
| Fluoranthene | 5.000 | 4.334 | 87 | 26-137 | 8-156 | |
| Fluorene | 5.000 | 4.062 | 81 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 5.000 | 3.758 | 75 | 24-116 | 9-131 | |
| Hexachlorobenzene | 5.000 | 3.968 | 79 | 20-150 | 0-172 | |
| Hexachlorocyclopentadiene | 5.000 | 3.843 | 77 | 50-130 | 37-143 | |
| Hexachloroethane | 5.000 | 3.857 | 77 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 5.000 | 4.127 | 83 | 20-180 | 0-207 | |
| Isophorone | 5.000 | 3.727 | 75 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 5.000 | 4.069 | 81 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 5.000 | 3.593 | 72 | 20-140 | 0-160 | |
| 2-Methylphenol | 5.000 | 4.047 | 81 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 10.00 | 8.377 | 84 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 5.000 | 3.982 | 80 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 5.000 | 3.641 | 73 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 5.000 | 4.564 | 91 | 50-130 | 37-143 | |
| Naphthalene | 5.000 | 3.919 | 78 | 32-146 | 13-165 | |
| 4-Nitroaniline | 5.000 | 4.101 | 82 | 50-130 | 37-143 | |
| 3-Nitroaniline | 5.000 | 5.662 | 113 | 50-130 | 37-143 | |
| 2-Nitroaniline | 5.000 | 4.035 | 81 | 50-130 | 37-143 | |
| Nitrobenzene | 5.000 | 3.885 | 78 | 35-180 | 11-204 | |
| 4-Nitrophenol | 5.000 | 4.586 | 92 | 24-126 | 7-143 | |
| 2-Nitrophenol | 5.000 | 3.961 | 79 | 29-182 | 4-208 | |
| Pentachlorophenol | 5.000 | 4.584 | 92 | 23-131 | 5-149 | |
| Phenanthrene | 5.000 | 4.249 | 85 | 54-120 | 43-131 | |
| Phenol | 5.000 | 4.136 | 83 | 40-130 | 25-145 | |
| Pyrene | 5.000 | 4.304 | 86 | 47-143 | 31-159 | |
| Pyridine | 5.000 | 3.054 | 61 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 5.000 | 3.811 | 76 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 5.000 | 3.807 | 76 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 5.000 | 3.745 | 75 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 2
Total number of ME compounds allowed: 4

RPD: Relative Percent Difference. CL: Control Limits

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## Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 8 of 13 |

LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-56** | **LCS** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 13:43** | **160526L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 5.000 | 3.724 | 74 | 80-120 | 73-127 | ME |
| Acenaphthene | 5.000 | 3.665 | 73 | 51-123 | 39-135 | |
| Acenaphthylene | 5.000 | 3.626 | 73 | 52-120 | 41-131 | |
| Aniline | 5.000 | 3.262 | 65 | 50-130 | 37-143 | |
| Anthracene | 5.000 | 3.801 | 76 | 27-133 | 9-151 | |
| Azobenzene | 5.000 | 3.580 | 72 | 50-130 | 37-143 | |
| Benzidine | 5.000 | 2.806 | 56 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 5.000 | 3.745 | 75 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 5.000 | 3.761 | 75 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 5.000 | 3.592 | 72 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 5.000 | 3.745 | 75 | 20-180 | 0-207 | |
| Benzo (k) Fluoranthene | 5.000 | 3.846 | 77 | 24-159 | 2-182 | |
| Benzoic Acid | 5.000 | 3.471 | 69 | 50-130 | 37-143 | |
| Benzyl Alcohol | 5.000 | 3.478 | 70 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 5.000 | 3.627 | 73 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 5.000 | 3.546 | 71 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 5.000 | 3.373 | 67 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 5.000 | 4.084 | 82 | 20-160 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 5.000 | 3.786 | 76 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 5.000 | 3.905 | 78 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 5.000 | 3.570 | 71 | 55-121 | 44-132 | |
| 4-Chloroaniline | 5.000 | 3.475 | 69 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 5.000 | 3.622 | 72 | 60-118 | 50-128 | |
| 2-Chlorophenol | 5.000 | 3.626 | 73 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 5.000 | 3.584 | 72 | 25-158 | 3-180 | |
| Chrysene | 5.000 | 3.679 | 74 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 5.000 | 3.704 | 74 | 20-120 | 3-137 | |
| Di-n-Octyl Phthalate | 5.000 | 3.859 | 77 | 20-146 | 0-167 | |
| Dibenz (a,h) Anthracene | 5.000 | 3.612 | 72 | 20-180 | 0-207 | |
| Dibenzofuran | 5.000 | 3.586 | 72 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 5.000 | 3.614 | 72 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 5.000 | 3.636 | 73 | 20-130 | 2-148 | |
| 1,4-Dichlorobenzene | 5.000 | 3.642 | 73 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 5.000 | 2.548 | 51 | 20-180 | 0-207 | |
| 2,4-Dichlorophenol | 5.000 | 3.722 | 74 | 39-135 | 23-151 | |
| Diethyl Phthalate | 5.000 | 3.457 | 69 | 20-114 | 4-130 | |
| Dimethyl Phthalate | 5.000 | 3.485 | 70 | 51-123 | 39-135 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | 5.000 | 3.772 | 75 | 32-119 | 18-134 | |
| 4,6-Dinitro-2-Methylphenol | 5.000 | 4.181 | 84 | 20-180 | 0-207 | |
| 2,4-Dinitrophenol | 5.000 | 4.114 | 82 | 20-180 | 0-207 | |
| 2,4-Dinitrotoluene | 5.000 | 4.023 | 80 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 5.000 | 4.001 | 80 | 50-158 | 32-176 | |
| Fluoranthene | 5.000 | 3.804 | 76 | 26-137 | 8-156 | |
| Fluorene | 5.000 | 3.704 | 74 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 5.000 | 3.744 | 75 | 24-116 | 9-131 | |
| Hexachlorobenzene | 5.000 | 3.648 | 73 | 20-150 | 0-172 | |
| Hexachlorocyclopentadiene | 5.000 | 4.237 | 85 | 50-130 | 37-143 | |
| Hexachloroethane | 5.000 | 3.741 | 75 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 5.000 | 3.574 | 71 | 20-180 | 0-207 | |
| Isophorone | 5.000 | 3.564 | 71 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 5.000 | 3.875 | 77 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 5.000 | 3.389 | 68 | 20-140 | 0-160 | |
| 2-Methylphenol | 5.000 | 3.561 | 71 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 10.00 | 7.400 | 74 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 5.000 | 3.467 | 69 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 5.000 | 3.610 | 72 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 5.000 | 4.272 | 85 | 50-130 | 37-143 | |
| Naphthalene | 5.000 | 3.657 | 73 | 32-146 | 13-165 | |
| 4-Nitroaniline | 5.000 | 3.477 | 70 | 50-130 | 37-143 | |
| 3-Nitroaniline | 5.000 | 4.093 | 82 | 50-130 | 37-143 | |
| 2-Nitroaniline | 5.000 | 3.727 | 75 | 50-130 | 37-143 | |
| Nitrobenzene | 5.000 | 3.669 | 73 | 35-180 | 11-204 | |
| 4-Nitrophenol | 5.000 | 3.692 | 74 | 24-126 | 7-143 | |
| 2-Nitrophenol | 5.000 | 3.945 | 79 | 29-182 | 4-208 | |
| Pentachlorophenol | 5.000 | 3.729 | 75 | 23-131 | 5-149 | |
| Phenanthrene | 5.000 | 3.864 | 77 | 54-120 | 43-131 | |
| Phenol | 5.000 | 3.540 | 71 | 40-130 | 25-145 | |
| Pyrene | 5.000 | 3.882 | 78 | 47-143 | 31-159 | |
| Pyridine | 5.000 | 4.166 | 83 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 5.000 | 3.704 | 74 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 5.000 | 3.668 | 73 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 5.000 | 3.558 | 71 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 1
Total number of ME compounds allowed: 4

RPD: Relative Percent Difference. CL: Control Limits

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## Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 11 of 13 |

LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 12 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-537** | **LCS** | **Solid** | **GC/MS Q** | **05/18/16** | **05/18/16 09:02** | **160518L002** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 56.99 | 114 | 70-130 | 60-140 | |
| Benzene | 50.00 | 47.76 | 96 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 48.06 | 96 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.65 | 103 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 53.25 | 106 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 54.77 | 110 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 43.64 | 87 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 48.42 | 97 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 51.64 | 103 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 50.62 | 101 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 48.42 | 97 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 63.04 | 126 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.43 | 97 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 57.67 | 115 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 52.60 | 105 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 58.75 | 118 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 48.57 | 97 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 51.62 | 103 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 48.27 | 97 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 46.79 | 94 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 48.15 | 96 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 49.11 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 48.39 | 97 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 45.48 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 55.06 | 110 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 53.90 | 108 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 52.31 | 105 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 52.24 | 104 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 52.68 | 105 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 47.29 | 95 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 55.33 | 111 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 54.27 | 109 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 54.13 | 108 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 13 of 13 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| t-1,3-Dichloropropene | 50.00 | 52.43 | 105 | 70-130 | 60-140 | |
| Ethylbenzene | 50.00 | 48.30 | 97 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 46.34 | 93 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 49.91 | 100 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 51.71 | 103 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.46 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 47.08 | 94 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.02 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 50.14 | 100 | 70-130 | 60-140 | |
| Styrene | 50.00 | 48.32 | 97 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 53.97 | 108 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 46.82 | 94 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 47.41 | 95 | 70-130 | 60-140 | |
| Toluene | 50.00 | 50.84 | 102 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 50.67 | 101 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 54.17 | 108 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 54.12 | 108 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 46.18 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 54.48 | 109 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 51.02 | 102 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 47.86 | 96 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 50.00 | 100 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 58.41 | 117 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.21 | 100 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 50.62 | 101 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 53.52 | 107 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.12 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.49 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 49.27 | 99 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 16-05-1183 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 935 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 1037 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 868 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 682 | GC 46 | 1 |
| EPA 8082 | EPA 3540C | 944 | GC 31 | 1 |
| EPA 8260B | EPA 5030C | 1055 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 923 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 16-05-1183 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 5/16/16 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 16-05-1183 | Page 1 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594 | Shannon Collinge | | | |

Special Instructions/ Conditions of Receipt

Equis EDD

Email Distribution:
KHoggan@haleyaldrich.com
PMiller@haleyaldrich.com
mstancke haleyaldrich.com

Contract/Purchase Order/Quote No.

| Sample I.D. | | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Concrete Core | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | CAM 17 metals 6000/7000 | Chromium VI 7199 | Total Petroleum hydrocarbons 8015B m C6-C44 | VOCs 8260B | SVOCs 8270C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AB8AC9 | 1 | AB8AC9 | 5/16/16 | 835 | 1 | | | X | X | X | | | | | | | | X | X | X | X | X |
| AB8AC9-0.5 | 2 | AB8AC9 | 5/16/16 | 842 | 1 | | | | X | X | | | | | | | X | | | | | |
| AD5AE6 | 3 | AD5AE6 | 5/16/16 | 900 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| AD5AE6-0.5 | 4 | AD5AE6 | 5/16/16 | 908 | 1 | | | | X | X | | | | | | | X | | | | | |
| AC12AD13 | 5 | AC12AD13 | 5/16/16 | 918 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| AC12AD13-0.5 | 6 | AC12AD13 | 5/16/16 | 927 | 1 | | | | X | X | | | | | | | X | | | | | |
| AB14AC15 | 7 | AB14AC15 | 5/16/16 | 937 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| AB14AC15-0.5 | 8 | AB14AC15 | 5/16/16 | 951 | 1 | | | | X | X | | | | | | | X | | | | | |
| A1C2 | 9 | A1C2 | 5/16/16 | 1058 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| A1C2-0.5 | 10 | A1C2 | 5/16/16 | 1111 | 1 | | | | X | X | | | | | | | X | | | | | |
| D32E33 | 11 | D32E33 | 5/16/16 | 1133 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| D32E33-0.5 | 12 | D32E33 | 5/16/16 | 1145 | 1 | | | | X | X | | | | | | | X | | | | | |
| G31H32 | 13 | G31H32 | 5/16/16 | 1154 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| G31H32-0.5 | 14 | G31H32 | 5/16/16 | 1215 | 1 | | | | X | X | | | | | | | X | | | | | |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1. | [signature] | 5/16/16 | 18:05 | Dannyle ECL | 5/16/16 | 18:05 |
| 2. | | | | | | |
| 3. | | | | | | |

Comments



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 5/16/16 | 1183 |

| Address | Telephone Number (Area Code) | Laboratory Address & Telephone Number | Lab Number | |
|---|---|---|---|---|
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | Page 2 of 2 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594

Sampler(s): (PRINT): Shannon Collinge

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt:
Equis EDD
Email Distribution:
KHoggan@haleyaldrich.com
PMiller@haleyaldrich.com

| Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Matrix: Water | Matrix: Concrete Core | Matrix: Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | PCBs EPA 8082/3540C – Soxhlet Extraction required | CAM 17 metals 6000/7000 | Chromium VI 7199 | Total Petroleum hydrocarbons 8015B m C6-C44 | VOCs 8260B | SVOCs 8270C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G31H32-0.5-Dup 15 | G31H32 | 5/16/16 | 1220 | 1 | | | | X | X | | | | | | | X | | | | | |
| H31J32 16 | H31J32 | 5/16/16 | 1229 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| H31J32-0.5 17 | H31J32 | 5/16/16 | 1238 | 1 | | | | X | X | | | | | | | X | | | | | |
| K30L31 18 | K30L31 | 5/16/16 | 1249 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| K30L31-0.5 19 | K30L31 | 5/16/16 | 1310 | 1 | | | | X | X | | | | | | | X | | | | | |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: [signature] | 5/16/16 | 18:05 | 1. Received By: Pannagle EIZ | 5/16/16 | 18:05 |
| 2. Relinquished By | | | 2. Received By | | |
| 3. Relinquished By | | | 3. Received By | | |

Comments



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WORK ORDER NUMBER: 16-05- 1183

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich, Inc.

DATE: 05 / 16 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 5.3 °C (w/ CF): 5.3 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 659

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 659

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 816

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☐ | ☐ | ☑ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (Concrete): ☑ Z ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 816

Reviewed by: 1058

*1, 3, 5, 7, 9, 11, 13, 16, 18, ps 5/16/16



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# APPENDIX B

## Laboratory Reports for Concrete Surface Samples

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# WORK ORDER NUMBER: 15-12-0531

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/16/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Work Order Number: 15-12-0531


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# Work Order Narrative

Work Order: 15-12-0531 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/07/15. They were assigned to Work Order 15-12-0531.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0531
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
PO Number:
Date/Time Received: 12/07/15 18:34
Number of Containers: 21

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| D26E29-0.5 | 15-12-0531-1 | 12/07/15 10:04 | 1 | Solid |
| D26E29-N-0.5 | 15-12-0531-2 | 12/07/15 10:10 | 1 | Solid |
| D26E29-S-0.5 | 15-12-0531-3 | 12/07/15 10:13 | 1 | Solid |
| D26E29-W-0.5 | 15-12-0531-4 | 12/07/15 10:17 | 1 | Solid |
| D26E29-E-0.5 | 15-12-0531-5 | 12/07/15 10:22 | 1 | Solid |
| E26F29A-0.5 | 15-12-0531-6 | 12/07/15 10:50 | 1 | Solid |
| E26F29A-N-0.5 | 15-12-0531-7 | 12/07/15 10:55 | 1 | Solid |
| E26F29A-S-0.5 | 15-12-0531-8 | 12/07/15 11:00 | 1 | Solid |
| E26F29A-W-0.5 | 15-12-0531-9 | 12/07/15 11:05 | 1 | Solid |
| E26F29A-E-0.5 | 15-12-0531-10 | 12/07/15 11:10 | 1 | Solid |
| E26F29A-S-0.5DUP | 15-12-0531-11 | 12/07/15 11:01 | 1 | Solid |
| F30G31-0.5 | 15-12-0531-12 | 12/07/15 12:08 | 1 | Solid |
| C29D30-0.5 | 15-12-0531-13 | 12/07/15 12:20 | 1 | Solid |
| C32D33-0.5 | 15-12-0531-14 | 12/07/15 12:31 | 1 | Solid |
| F26G29-0.5 | 15-12-0531-15 | 12/07/15 13:35 | 1 | Solid |
| H29J30-0.5 | 15-12-0531-16 | 12/07/15 13:50 | 1 | Solid |
| H26J29-0.5 | 15-12-0531-17 | 12/07/15 14:05 | 1 | Solid |
| A16C17-0.5 | 15-12-0531-18 | 12/07/15 15:15 | 1 | Solid |
| A13C14-0.5 | 15-12-0531-19 | 12/07/15 15:35 | 1 | Solid |
| A21C22-0.5 | 15-12-0531-20 | 12/07/15 16:00 | 1 | Solid |
| EB-120715 | 15-12-0531-21 | 12/07/15 16:15 | 1 | Aqueous |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0531
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Received: 12/07/15

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D26E29-0.5 (15-12-0531-1) | | | | | | |
| Aroclor-1254 | 10000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| D26E29-N-0.5 (15-12-0531-2) | | | | | | |
| Aroclor-1254 | 19000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| D26E29-S-0.5 (15-12-0531-3) | | | | | | |
| Aroclor-1254 | 16000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| D26E29-W-0.5 (15-12-0531-4) | | | | | | |
| Aroclor-1254 | 13000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| D26E29-E-0.5 (15-12-0531-5) | | | | | | |
| Aroclor-1254 | 9100 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-0.5 (15-12-0531-6) | | | | | | |
| Aroclor-1254 | 13000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-N-0.5 (15-12-0531-7) | | | | | | |
| Aroclor-1254 | 59000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-S-0.5 (15-12-0531-8) | | | | | | |
| Aroclor-1254 | 16000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-W-0.5 (15-12-0531-9) | | | | | | |
| Aroclor-1254 | 31000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-E-0.5 (15-12-0531-10) | | | | | | |
| Aroclor-1254 | 12000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-S-0.5DUP (15-12-0531-11) | | | | | | |
| Aroclor-1254 | 22000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| C29D30-0.5 (15-12-0531-13) | | | | | | |
| Aroclor-1254 | 99 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| C32D33-0.5 (15-12-0531-14) | | | | | | |
| Aroclor-1254 | 47 | J | 32* | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 200 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| F26G29-0.5 (15-12-0531-15) | | | | | | |
| Aroclor-1254 | 42000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| H29J30-0.5 (15-12-0531-16) | | | | | | |
| Aroclor-1248 | 340 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 160 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| H26J29-0.5 (15-12-0531-17) | | | | | | |
| Aroclor-1254 | 13000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| A16C17-0.5 (15-12-0531-18) | | | | | | |
| Aroclor-1254 | 290 | | 50 | ug/kg | EPA 8082 | EPA 3540C |

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* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0531 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | Received: | 12/07/15 |

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A13C14-0.5 (15-12-0531-19) | | | | | | |
| Aroclor-1254 | 720 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 1300 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| A21C22-0.5 (15-12-0531-20) | | | | | | |
| Aroclor-1254 | 3200 | | 500 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29-0.5** | **15-12-0531-1-A** | **12/07/15 10:04** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 21:51** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 10000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 116 | 25-145 | |

| D26E29-N-0.5 | 15-12-0531-2-A | 12/07/15 10:10 | Solid | GC 66 | 12/09/15 | 12/12/15 22:08 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4300 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 19000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3100 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3400 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 59 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 121 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29-S-0.5** | **15-12-0531-3-A** | **12/07/15 10:13** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 22:26** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 16000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 146 | 25-145 | 1,2,7 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29-W-0.5** | **15-12-0531-4-A** | **12/07/15 10:17** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 22:44** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 13000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 142 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D26E29-E-0.5** | **15-12-0531-5-A** | **12/07/15 10:22** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 23:02** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 9100 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 92 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 139 | 25-145 | |

| E26F29A-0.5 | 15-12-0531-6-A | 12/07/15 10:50 | Solid | GC 66 | 12/09/15 | 12/12/15 23:20 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 13000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 123 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-N-0.5** | **15-12-0531-7-A** | **12/07/15 10:55** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 21:31** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 59000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 725 | 24-168 | 1,2,7 |
| 2,4,5,6-Tetrachloro-m-Xylene | 898 | 25-145 | 1,2,7 |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-S-0.5** | **15-12-0531-8-A** | **12/07/15 11:00** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 23:38** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 16000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 107 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-W-0.5** | **15-12-0531-9-A** | **12/07/15 11:05** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 00:31** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 31000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 129 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 134 | 25-145 | |

| E26F29A-E-0.5 | 15-12-0531-10-A | 12/07/15 11:10 | Solid | GC 66 | 12/09/15 | 12/13/15 00:49 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 12000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 115 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-S-0.5DUP** | **15-12-0531-11-A** | **12/07/15 11:01** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 01:07** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 22000 | 5000 | 3100 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3400 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 154 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 126 | 25-145 | |

| F30G31-0.5 | 15-12-0531-12-A | 12/07/15 12:08 | Solid | GC 66 | 12/09/15 | 12/12/15 16:09 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C29D30-0.5** | **15-12-0531-13-A** | **12/07/15 12:20** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 16:27** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 99 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C32D33-0.5** | **15-12-0531-14-A** | **12/07/15 12:31** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 16:45** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 43 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 47 | 50 | 32 | 1.00 | J |
| Aroclor-1260 | 200 | 50 | 31 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 34 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29-0.5** | **15-12-0531-15-A** | **12/07/15 13:35** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 01:25** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 42000 | 5000 | 3100 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3400 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 149 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 123 | 25-145 | |

| H29J30-0.5 | 15-12-0531-16-A | 12/07/15 13:50 | Solid | GC 66 | 12/09/15 | 12/14/15 18:13 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 340 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 160 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 77 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H26J29-0.5** | **15-12-0531-17-A** | **12/07/15 14:05** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 01:43** | **151209L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 13000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 132 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 133 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A16C17-0.5** | **15-12-0531-18-A** | **12/07/15 15:15** | **Solid** | **GC 66** | **12/09/15** | **12/14/15 17:45** | **151209L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 290 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A13C14-0.5** | **15-12-0531-19-A** | **12/07/15 15:35** | **Solid** | **GC 66** | **12/09/15** | **12/14/15 15:18** | **151209L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 720 | 500 | 320 | 10.0 | |
| Aroclor-1260 | 1300 | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 97 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A21C22-0.5** | **15-12-0531-20-A** | **12/07/15 16:00** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 12:40** | **151209L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 3200 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3551** | **N/A** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 17:37** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3550** | **N/A** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 10:52** | **151209L06** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 113 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 105 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EB-120715** | **15-12-0531-21-A** | **12/07/15 16:15** | **Aqueous** | **GC 66** | **12/09/15** | **12/12/15 11:58** | **151209L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 116 | 50-135 | |

| Method Blank | 099-12-533-1111 | N/A | Aqueous | GC 66 | 12/09/15 | 12/12/15 11:40 | 151209L03 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 57 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 50-135 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/07/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0531 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **D26E29-E-0.5** | **Sample** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 23:02** | **151209S05** |
| **D26E29-E-0.5** | **Matrix Spike** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 14:27** | **151209S05** |
| **D26E29-E-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 14:45** | **151209S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 496.0 | 496 | 616.1 | 616 | 50-135 | 22 | 0-20 | 3,4 |
| Aroclor-1260 | ND | 100.0 | 10050 | 10045 | 16260 | 16262 | 50-135 | 47 | 0-20 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/07/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0531 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A21C22-0.5** | **Sample** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 12:40** | **151209S06** |
| **A21C22-0.5** | **Matrix Spike** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 13:51** | **151209S06** |
| **A21C22-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 14:09** | **151209S06** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 106.0 | 103.0 | 97 | 82.26 | 78 | 50-135 | 22 | 0-20 | 4 |
| Aroclor-1260 | ND | 106.0 | 2925 | 2760 | 2906 | 2742 | 50-135 | 1 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/07/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0531 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3551** | **LCS** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 17:19** | **151209L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 91.00 | 91 | 50-135 | |
| Aroclor-1260 | 100.0 | 94.23 | 94 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/07/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0531 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 2 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3550** | **LCS** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 10:34** | **151209L06** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 97.70 | 98 | 50-135 | |
| Aroclor-1260 | 100.0 | 99.72 | 100 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS/LCSD

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Project: UTC Canoga Park Concrete Assessment / 32594-517

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3510C
Method: EPA 8082



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|---|
| **099-12-533-1111** | **LCS** | **Aqueous** | **GC 66** | **12/09/15** | **12/12/15 11:04** | **151209L03** |
| **099-12-533-1111** | **LCSD** | **Aqueous** | **GC 66** | **12/09/15** | **12/12/15 11:22** | **151209L03** |

| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 2.000 | 2.249 | 112 | 2.539 | 127 | 50-135 | 12 | 0-25 | |
| Aroclor-1260 | 2.000 | 2.017 | 101 | 2.301 | 115 | 50-135 | 13 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0531 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3510C | 944 | GC 66 | 1 |
| EPA 8082 | EPA 3540C | 669 | GC 66 | 1 |
| EPA 8082 | EPA 3540C | 960 | GC 66 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0531 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |

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# Chain of Custody Record

Revised COC received from Kelly Hoggan (H&A) on 12/08/15 at 20:56pm - Virendra (ECI)

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0531 Page 1 of 2 | |
| **City / State / ZipCode** | **Site Contact** | **Lab Contact** | **Analysis** | **Special Instructions/ Conditions of Receipt** |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | Equis EDD |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 UTC | Shannon Collinge, Kelly Hoggan | | | |

| | Contract/Purchase Order/Quote No. | Sampling | | No. of Cont. | Matrix | | | | Preservatives / Containers | | | | | | | PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample I.D. | Field Point Name (For COELT EDF) | Date | Time | Air | Water | Sed. | Soil | Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | |
| 1 | D26 E29-0.5 | | 12/7/15 | 10:04 | 1 | | | | X | X | | | | | | X |
| 2 | D26 E29-N-0.5 | | 12/7/15 | 10:10 | 1 | | | | X | X | | | | | | X |
| 3 | D26 E29-S-0.5 | | 12/7/15 | 10:13 | 1 | | | | X | X | | | | | | X |
| 4 | D26 E29-W-0.5 | | 12/7/15 | 10:17 | 1 | | | | X | X | | | | | | X |
| 5 | D26 E29-E-0.5 | | 12/7/15 | 10:22 | 1 | | | | X | X | | | | | | X |
| 6 | E26 F29A-0.5 | | 12/7/15 | 10:50 | 1 | | | | X | X | | | | | | X |
| 7 | E26 F29A-N-0.5 | | 12/7/15 | 10:55 | 1 | | | | X | X | | | | | | X |
| 8 | E26 F29A-S-0.5 | | 12/7/15 | 11:00 | 1 | | | | X | X | | | | | | X |
| 9 | E26 F29A-W-0.5 | | 12/7/15 | 11:05 | 1 | | | | X | X | | | | | | X |
| 10 | E26 F29A-E-0.5 | | 12/7/15 | ~~11:40~~ 11:10 PST | 1 | | | | X | X | | | | | | X |
| 11 | E26 F29A-S-0.5 DUP | | 12/7/15 | ~~12:08~~ 11:01 PST | 1 | | | | X | X | | | | | | X |
| 12 | F30 G31-0.5 | | 12/7/15 | 12:08 | 1 | | | | X | X | | | | | | X |
| 13 | C29 D30-0.5 | | 12/7/15 | 12:20 | 1 | | | | X | X | | | | | | X |
| 14 | C32 D33-0.5 | | 12/7/15 | 12:31 | 1 | | | | X | X | | | | | | X |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | | Date | Time |
|---|---|---|---|
| 1. Relinquished By | Kelly Hoggan | 12/7/15 | 16:20 |
| 1. Received By | (DCS) | 12/7/15 | 16:21 |
| 2. Relinquished By | (DCS) | 12/7/15 | 18:54 |
| 2. Received By | ECI | 12/07/15 | 1834 |
| 3. Relinquished By | | | |
| 3. Received By | | | |

Comments



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Revised COC received from Kelly Hoggan (H&A) on 12/08/15 at 20:56pm - Virendra (ECI)

# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0631 | 2 of 2 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 UTC

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | F26 G29-0.5 | | 12/7/15 | 13:35 | 1 | | | | X | X | | | | | | | X |
| 16 | H29 J30-0.5 | | 12/7/15 | 13:50 | 1 | | | | X | X | | | | | | | X |
| 17 | H26 J29-0.5 | | 12/7/15 | 14:05 | 1 | | | | X | X | | | | | | | X |
| 18 | A16 C17-0.5 | | 12/7/15 | 15:15 | 1 | | | | X | X | | | | | | | X |
| 19 | A13 C14-0.5 | | 12/7/15 | 15:35 | 1 | | | | X | X | | | | | | | X |
| 20 | A21 C22-0.5 | | 12/7/15 | 16:00 | 1 | | | | X | X | | | | | | | X |
| 21 | EB-120715 | | 12/7/15 | 16:15 | 1 | | X kh | | X | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12/7/15 | 16:20 | 1. Received By: Virendra (DCS) | 12/7/15 | 16:20 |
| 2. Relinquished By: (DCS) | 12/7/15 | 18:15 | 2. Received By: ECI | 12/7/15 | 18:32 |
| 3. Relinquished By | | | 3. Received By | | |

Comments:



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0531 | Page 1 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | **Analysis** | **Special Instructions/ Conditions of Receipt** |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | Equis EDD |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge, Kelly Hoggan | | | |

Contract/Purchase Order/Quote No.

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | D26 E29-0.5 | | 12/7/15 | 10:04 | 1 | | | | X | X | | | | | | | X |
| 2 | D26 E29-N-0.5 | | 12/7/15 | 10:10 | 1 | | | | X | X | | | | | | | X |
| 3 | D26 E29-S-0.5 | | 12/7/15 | 10:13 | 1 | | | | X | X | | | | | | | X |
| 4 | D26 E29-W-0.5 | | 12/7/15 | 10:17 | 1 | | | | X | X | | | | | | | X |
| 5 | D26 E29-E-0.5 | | 12/7/15 | 10:22 | 1 | | | | X | X | | | | | | | X |
| 6 | E26 F29A-0.5 | | 12/7/15 | 10:50 | 1 | | | | X | X | | | | | | | X |
| 7 | E26 F29A-N-0.5 | | 12/7/15 | 10:55 | 1 | | | | X | X | | | | | | | X |
| 8 | E26 F29A-S-0.5 | | 12/7/15 | 11:00 | 1 | | | | X | X | | | | | | | X |
| 9 | E26 F29A-W-0.5 | | 12/7/15 | 11:05 | 1 | | | | X | X | | | | | | | X |
| 10 | E26 F29A-E-0.5 | | 12/7/15 | ~~11:10~~ 11:40 | 1 | | | | X | X | | | | | | | X |
| 11 | E26 F29A-S-0.5 DUP | | 12/7/15 | ~~12:08~~ 11:01 | 1 | | | | X | X | | | | | | | X |
| 12 | F30 G31-0.5 | | 12/7/15 | 12:08 | 1 | | | | X | X | | | | | | | X |
| 13 | C29 D30-0.5 | | 12/7/15 | 12:20 | 1 | | | | X | X | | | | | | | X |
| 14 | C32 D33-0.5 | | 12/7/15 | 12:31 | 1 | | | | X | X | | | | | | | X |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | | Date | Time |
|---|---|---|---|
| 1. Relinquished By | Kelly Hoggan | 12/7/15 | 16:20 |
| 2. Relinquished By | Shally Mehri (DCS) | 12/7/15 | 18:54 |
| 3. Relinquished By | | | |
| 1. Received By | Shally Mehri (DCS) | 12/7/15 | 16:21 |
| 2. Received By | ECI | 12/07/15 | 1834 |
| 3. Received By | | | |

Comments



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0531 | Page 2 of 2 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | F26 G29-0.5 | | 12/7/15 | 13:35 | 1 | | | | X | X | | | | | | | X |
| 16 | H29 J30-0.5 | | 12/7/15 | 13:50 | 1 | | | | X | X | | | | | | | X |
| 17 | H26 J29-0.5 | | 12/7/15 | 14:05 | 1 | | | | X | X | | | | | | | X |
| 18 | A16 C17-0.5 | | 12/7/15 | 15:15 | 1 | | | | X | X | | | | | | | X |
| 19 | A13 C14-0.5 | | 12/7/15 | 15:35 | 1 | | | | X | X | | | | | | | X |
| 20 | A21 C22-0.5 | | 12/7/15 | 16:00 | 1 | | | | X | X | | | | | | | X |
| 21 | EB-120715 | | 12/7/15 | 16:15 | 1 | | | | X | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify)

| | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|
| 1. Relinquished By | Kelly Hoggan | 12/7/15 | 16:20 | 1. Received By | (DCS) | 12/7/15 16:20 |
| 2. Relinquished By | (DCS) | 12/7/15 | 18:15 | 2. Received By | ECI | 12/7/15 18:32 |
| 3. Relinquished By | | | | 3. Received By | | |

Comments



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WORK ORDER NUMBER: 15-12- 0531

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 7 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.4 °C (w/ CF): 3.0 °C; ☒ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 681

**CUSTODY SEAL:**

| | | | | | |
|---|---|---|---|---|---|
| Cooler | ☐ Present and Intact | ☐ Present but Not Intact | ☒ Not Present | ☐ N/A | Checked by: 681 |
| Sample(s) | ☐ Present and Intact | ☐ Present but Not Intact | ☒ Not Present | ☐ N/A | Checked by: 1053 |

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ 12/7/15 | ☑ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☑ pH 12/7/15 | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☒ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☒ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: 689

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WORK ORDER NUMBER: 15-12- 0531

# SAMPLE ANOMALY REPORT

DATE: 12 / 07 / 2015

## SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

(-21) Matrix is water.

* Transferred at client's request.

## MISCELLANEOUS: (Describe)

Matrix

Comments

## HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

| ECI Sample ID | ECI Container ID | Total Number** | ECI Sample ID | ECI Container ID | Total Number** |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Containers with bubble for other analysis)

| ECI Sample ID | ECI Container ID | Total Number** | Requested Analysis |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

Comments:

Reported by: 1053

Reviewed by: 619

** Record the total number of containers (i.e., vials or bottles) for the affected sample.



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Supplemental Report 1

Additional requested analyses are reported as a stand-alone report.

# WORK ORDER NUMBER: 15-12-0531

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/31/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Work Order Number: 15-12-0531


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# Work Order Narrative

Work Order: 15-12-0531 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/07/15. They were assigned to Work Order 15-12-0531.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0531 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | PO Number: | |
| | | Date/Time Received: | 12/07/15 18:34 |
| | | Number of Containers: | 21 |
| Attn: | Kelly Hoggan | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| E26F29A-N-0.5 | 15-12-0531-7 | 12/07/15 10:55 | 1 | Solid |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0531 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | Received: | 12/07/15 |
| Attn: | Kelly Hoggan | | Page 1 of 1 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E26F29A-N-0.5 (15-12-0531-7) | | | | | | |
| Aroclor-1254 | 11000 | ET | 2500 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/07/15
Work Order: 15-12-0531
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-N-0.5** | **15-12-0531-7-A** | **12/07/15 10:55** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 13:43** | **151222L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 100 | ET |
| Aroclor-1221 | ND | 2500 | 2100 | 100 | ET |
| Aroclor-1232 | ND | 2500 | 1200 | 100 | ET |
| Aroclor-1242 | ND | 2500 | 1800 | 100 | ET |
| Aroclor-1248 | ND | 2500 | 1600 | 100 | ET |
| Aroclor-1254 | 11000 | 2500 | 1600 | 100 | ET |
| Aroclor-1260 | ND | 2500 | 1500 | 100 | ET |
| Aroclor-1262 | ND | 2500 | 1700 | 100 | ET |
| Aroclor-1268 | ND | 2500 | 1700 | 100 | ET |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 123 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 123 | 25-145 | |

| Method Blank | 099-12-535-3575 | N/A | Solid | GC 63 | 12/22/15 | 12/29/15 12:13 | 151222L13 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 68 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/07/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0531 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **15-12-0636-13** | **Sample** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 16:12** | **151222S13** |
| **15-12-0636-13** | **Matrix Spike** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 14:07** | **151222S13** |
| **15-12-0636-13** | **Matrix Spike Duplicate** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 14:27** | **151222S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 10000 | 10450 | 104 | 10270 | 103 | 50-135 | 2 | 0-20 | |
| Aroclor-1260 | 20830 | 10000 | 21680 | 8 | 59980 | 391 | 50-135 | 94 | 0-20 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/07/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0531 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3575** | **LCS** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 11:53** | **151222L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 97.90 | 98 | 50-135 | |
| Aroclor-1260 | 100.0 | 118.2 | 118 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0531 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3540C | 944 | GC 63 | 3 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0531 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |

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## Virendra Patel

**From:** Hoggan, Kelly <KHoggan@haleyaldrich.com>
**Sent:** Tuesday, December 22, 2015 11:21 AM
**To:** Virendra Patel
**Subject:** re-runs

Hi Virendra,

If there is enough sample volume available, can you re-run the following samples for PCBs w/ soxhlet extraction. I understand one is past the hold time, but please run anyway. Normal TAT.

E26F29A-N-0.5 (15-12-0531-7)
J24K25A-N-0.5 (15-12-0636-13)

**Kelly Hoggan, PG**
Assistant Project Manager
Geologist

**Haley & Aldrich, Inc.**
3187 Red Hill Avenue | Suite 155
Costa Mesa, CA 92626

T: (714) 371.1828
C: (714) 709.3072

www.haleyaldrich.com

Notify us here to report this email as spam.

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# Chain of Custody Record

Revised COC received from Kelly Hoggan (H&A) on 12/08/15 at 20:56pm - Virendra (ECI)

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0531 Page 1 of 2 | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 UTC

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | D26E29-0.5 | | 12/7/15 | 10:04 | 1 | | | | X | X | | | | | | | X |
| 2 | D26E29-N-0.5 | | 12/7/15 | 10:10 | 1 | | | | X | X | | | | | | | X |
| 3 | D26E29-S-0.5 | | 12/7/15 | 10:13 | 1 | | | | X | X | | | | | | | X |
| 4 | D26E29-W-0.5 | | 12/7/15 | 10:17 | 1 | | | | X | X | | | | | | | X |
| 5 | D26E29-E-0.5 | | 12/7/15 | 10:22 | 1 | | | | X | X | | | | | | | X |
| 6 | E26F29A-0.5 | | 12/7/15 | 10:50 | 1 | | | | X | X | | | | | | | X |
| 7 | E26F29A-N-0.5 | | 12/7/15 | 10:55 | 1 | | | | X | X | | | | | | | X |
| 8 | E26F29A-S-0.5 | | 12/7/15 | 11:00 | 1 | | | | X | X | | | | | | | X |
| 9 | E26F29A-W-0.5 | | 12/7/15 | 11:05 | 1 | | | | X | X | | | | | | | X |
| 10 | E26F29A-E-0.5 | | 12/7/15 | ~~11:10~~ 11:40 | 1 | | | | X | X | | | | | | | X |
| 11 | E26F29A-S-0.5DUP | | 12/7/15 | ~~12:08~~ 11:01 PM | 1 | | | | X | X | | | | | | | X |
| 12 | F30G31-0.5 | | 12/7/15 | 12:08 | 1 | | | | X | X | | | | | | | X |
| 13 | C29D30-0.5 | | 12/7/15 | 12:20 | 1 | | | | X | X | | | | | | | X |
| 14 | C32D33-0.5 | | 12/7/15 | 12:31 | 1 | | | | X | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/7/15 | 16:20 | Shally Mohr (DCS) | 12/7/15 | 16:21 |
| 2 | Shally Mohr (DCS) | 12/7/15 | 18:54 | ECI | 12/07/15 | 1834 |
| 3 | | | | | | |

Comments:



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Revised COC received from Kelly Hoggan (H&A) on 12/08/15 at 20:56pm - Virendra (ECI)

# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0631 | Page 2 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 UTC | Shannon Collinge, Kelly Hoggan | | | |

**Contract/Purchase Order/Quote No.:**

**Special Instructions/ Conditions of Receipt:** Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | F26 G29-0.5 | | 12/7/15 | 13:35 | 1 | | | | X | X | | | | | | | X |
| 16 | H29 J30-0.5 | | 12/7/15 | 13:50 | 1 | | | | X | X | | | | | | | X |
| 17 | H26 J29-0.5 | | 12/7/15 | 14:05 | 1 | | | | X | X | | | | | | | X |
| 18 | A16 C17-0.5 | | 12/7/15 | 15:15 | 1 | | | | X | X | | | | | | | X |
| 19 | A13 C14-0.5 | | 12/7/15 | 15:35 | 1 | | | | X | X | | | | | | | X |
| 20 | A21 C22-0.5 | | 12/7/15 | 16:00 | 1 | | | | X | X | | | | | | | X |
| 21 | EB-120715 | | 12/7/15 | 16:15 | 1 | | X kh | | X | X | | | | | | | X |

**Possible Hazard Identification:** ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal:** ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

**Turn Around Time Required:** ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify):**

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/7/15 | 16:20 | (DCS) | 12/7/15 | 16:20 |
| 2 | (DCS) | 12/7/15 | 18:15 | ECI | 12/7/15 | 18:32 |
| 3 | | | | | | |

**Comments:**



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0531 | Page 1 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | **Analysis** | **Special Instructions/ Conditions of Receipt** |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | Equis EDD |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge, Kelly Hoggan | | | |

Contract/Purchase Order/Quote No.:

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | D26 E29-0.5 | | 12/7/15 | 10:04 | 1 | | | | X | X | | | | | | | X |
| 2 | D26 E29-N-0.5 | | 12/7/15 | 10:10 | 1 | | | | X | X | | | | | | | X |
| 3 | D26 E29-S-0.5 | | 12/7/15 | 10:13 | 1 | | | | X | X | | | | | | | X |
| 4 | D26 E29-W-0.5 | | 12/7/15 | 10:17 | 1 | | | | X | X | | | | | | | X |
| 5 | D26 E29-E-0.5 | | 12/7/15 | 10:22 | 1 | | | | X | X | | | | | | | X |
| 6 | E26 F29A-0.5 | | 12/7/15 | 10:50 | 1 | | | | X | X | | | | | | | X |
| 7 | E26 F29A-N-0.5 | | 12/7/15 | 10:55 | 1 | | | | X | X | | | | | | | X |
| 8 | E26 F29A-S-0.5 | | 12/7/15 | 11:00 | 1 | | | | X | X | | | | | | | X |
| 9 | E26 F29A-W-0.5 | | 12/7/15 | 11:05 | 1 | | | | X | X | | | | | | | X |
| 10 | E26 F29A-E-0.5 | | 12/7/15 | ~~11:10~~ 11:40 | 1 | | | | X | X | | | | | | | X |
| 11 | E26 F29A-S-0.5 DUP | | 12/7/15 | ~~12:08~~ 11:01 | 1 | | | | X | X | | | | | | | X |
| 12 | F30 G31-0.5 | | 12/7/15 | 12:08 | 1 | | | | X | X | | | | | | | X |
| 13 | C29 D30-0.5 | | 12/7/15 | 12:20 | 1 | | | | X | X | | | | | | | X |
| 14 | C32 D33-0.5 | | 12/7/15 | 12:31 | 1 | | | | X | X | | | | | | | X |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/7/15 | 16:20 | (DCS) | 12/7/15 | 16:21 |
| 2 | (DCS) | 12/7/15 | 18:54 | ECI | 12/07/15 | 1834 |
| 3 | | | | | | |

Comments:



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-7-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 2 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0531 | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | F26 G29-0.5 | | 12/7/15 | 13:35 | 1 | | | | X | X | | | | | | | X |
| 16 | H29 J30-0.5 | | 12/7/15 | 13:50 | 1 | | | | X | X | | | | | | | X |
| 17 | H26 J29-0.5 | | 12/7/15 | 14:05 | 1 | | | | X | X | | | | | | | X |
| 18 | A16 C17-0.5 | | 12/7/15 | 15:15 | 1 | | | | X | X | | | | | | | X |
| 19 | A13 C14-0.5 | | 12/7/15 | 15:35 | 1 | | | | X | X | | | | | | | X |
| 20 | A21 C22-0.5 | | 12/7/15 | 16:00 | 1 | | | | X | X | | | | | | | X |
| 21 | EB-120715 | | 12/7/15 | 16:15 | 1 | | | | X | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

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QC Requirements (Specify):

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/7/15 | 16:20 | (DCS) | 12/7/15 | 16:20 |
| 2 | (DCS) | 12/7/15 | 18:15 | ECI | 12/7/15 | 18:32 |
| 3 | | | | | | |

Comments:



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WORK ORDER NUMBER: 15-12- 0531

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 7 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.4 °C (w/ CF): 3.0 °C; ☒ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 681

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☒ Not Present ☐ N/A Checked by: 681

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☒ Not Present ☐ N/A Checked by: 1053

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ 12/7/15 | ☑ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☑ ACID 12/7/15 | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☒ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☒ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: 689

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WORK ORDER NUMBER: 15-12- 0531

# SAMPLE ANOMALY REPORT

DATE: 12 / 07 / 2015

## SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

(-21) Matrix is water.

* Transferred at client's request.

## MISCELLANEOUS: (Describe)

Matrix

Comments

## HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

| ECI Sample ID | ECI Container ID | Total Number** | ECI Sample ID | ECI Container ID | Total Number** |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Containers with bubble for other analysis)

| ECI Sample ID | ECI Container ID | Total Number** | Requested Analysis |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

Comments: _____

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

Reported by: 1053

Reviewed by: bry



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# WORK ORDER NUMBER: 15-12-0636

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/17/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 15-12-0636


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# Work Order Narrative

Work Order: 15-12-0636 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/08/15. They were assigned to Work Order 15-12-0636.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0636
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
PO Number:
Date/Time Received: 12/08/15 20:00
Number of Containers: 25

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| J32K33-0.5 | 15-12-0636-1 | 12/08/15 08:10 | 1 | Solid |
| M30N31-0.5 | 15-12-0636-2 | 12/08/15 08:28 | 1 | Solid |
| R31S32-0.5 | 15-12-0636-3 | 12/08/15 08:55 | 1 | Solid |
| Q31R32-0.5 | 15-12-0636-4 | 12/08/15 09:00 | 1 | Solid |
| N24025-0.5 | 15-12-0636-5 | 12/08/15 09:45 | 1 | Solid |
| P22Q23-0.5 | 15-12-0636-6 | 12/08/15 10:00 | 1 | Solid |
| P18Q19A-0.5 | 15-12-0636-7 | 12/08/15 10:15 | 1 | Solid |
| P13Q14-0.5 | 15-12-0636-8 | 12/08/15 10:25 | 1 | Solid |
| K25L26-0.5 | 15-12-0636-9 | 12/08/15 11:05 | 1 | Solid |
| K21L22A-0.5 | 15-12-0636-10 | 12/08/15 11:20 | 1 | Solid |
| J25K26-0.5 | 15-12-0636-11 | 12/08/15 13:05 | 1 | Solid |
| J24K25A-0.5 | 15-12-0636-12 | 12/08/15 13:48 | 1 | Solid |
| J24K25A-N-0.5 | 15-12-0636-13 | 12/08/15 13:30 | 1 | Solid |
| J24K25A-E-0.5 | 15-12-0636-14 | 12/08/15 14:22 | 1 | Solid |
| J24K25A-W-0.5 | 15-12-0636-15 | 12/08/15 13:45 | 1 | Solid |
| J24K25-0.5 | 15-12-0636-16 | 12/08/15 14:28 | 1 | Solid |
| J24K25-W-0.5 | 15-12-0636-17 | 12/08/15 13:33 | 1 | Solid |
| J24K25-E-0.5 | 15-12-0636-18 | 12/08/15 14:32 | 1 | Solid |
| J24K25-S-0.5 | 15-12-0636-19 | 12/08/15 13:40 | 1 | Solid |
| J24K25A-S-0.5 | 15-12-0636-20 | 12/08/15 14:40 | 1 | Solid |
| J24K25A-S-0.5Dup | 15-12-0636-21 | 12/08/15 14:42 | 1 | Solid |
| C13D14-0.5 | 15-12-0636-22 | 12/08/15 15:08 | 1 | Solid |
| C18D19-0.5 | 15-12-0636-23 | 12/08/15 15:15 | 1 | Solid |
| E20F21-0.5 | 15-12-0636-24 | 12/08/15 15:43 | 1 | Solid |
| EB-120815 | 15-12-0636-25 | 12/08/15 16:15 | 1 | Aqueous |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0636
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Received: 12/08/15

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| N24025-0.5 (15-12-0636-5) | | | | | | |
| Aroclor-1254 | 86 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| P22Q23-0.5 (15-12-0636-6) | | | | | | |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| P18Q19A-0.5 (15-12-0636-7) | | | | | | |
| Aroclor-1248 | 950 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1200 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 4700 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| P13Q14-0.5 (15-12-0636-8) | | | | | | |
| Aroclor-1254 | 38 | J | 32* | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| K25L26-0.5 (15-12-0636-9) | | | | | | |
| Aroclor-1254 | 3000 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 3400 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J25K26-0.5 (15-12-0636-11) | | | | | | |
| Aroclor-1254 | 15000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-0.5 (15-12-0636-12) | | | | | | |
| Aroclor-1248 | 11000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 9300 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 8100 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-N-0.5 (15-12-0636-13) | | | | | | |
| Aroclor-1248 | 36000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 36000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 22000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-W-0.5 (15-12-0636-15) | | | | | | |
| Aroclor-1254 | 4000 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 5500 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25-0.5 (15-12-0636-16) | | | | | | |
| Aroclor-1254 | 1900 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25-W-0.5 (15-12-0636-17) | | | | | | |
| Aroclor-1254 | 4800 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25-S-0.5 (15-12-0636-19) | | | | | | |
| Aroclor-1254 | 6800 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| C13D14-0.5 (15-12-0636-22) | | | | | | |
| Aroclor-1254 | 13000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| C18D19-0.5 (15-12-0636-23) | | | | | | |
| Aroclor-1254 | 3000 | | 500 | ug/kg | EPA 8082 | EPA 3540C |

* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0636 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | Received: | 12/08/15 |
| Attn: | Kelly Hoggan | | Page 2 of 2 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E20F21-0.5 (15-12-0636-24) | | | | | | |
| Aroclor-1254 | 4100 | | 500 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J32K33-0.5** | **15-12-0636-1-A** | **12/08/15 08:10** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 18:34** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **M30N31-0.5** | **15-12-0636-2-A** | **12/08/15 08:28** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 18:52** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 43 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 31 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 34 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **R31S32-0.5** | **15-12-0636-3-A** | **12/08/15 08:55** | **Solid** | **GC 66** | **12/09/15** | **12/15/15 23:51** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

| Q31R32-0.5 | 15-12-0636-4-A | 12/08/15 09:00 | Solid | GC 66 | 12/09/15 | 12/12/15 19:28 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 135 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **N24025-0.5** | **15-12-0636-5-A** | **12/08/15 09:45** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 19:46** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 86 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 100 | 25-145 | |

| P22Q23-0.5 | 15-12-0636-6-A | 12/08/15 10:00 | Solid | GC 66 | 12/09/15 | 12/12/15 20:04 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | 130 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **P18Q19A-0.5** | **15-12-0636-7-A** | **12/08/15 10:15** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 04:59** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | 950 | 500 | 320 | 10.0 | |
| Aroclor-1254 | 1200 | 500 | 320 | 10.0 | |
| Aroclor-1260 | 4700 | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 100 | 25-145 | |

| P13Q14-0.5 | 15-12-0636-8-A | 12/08/15 10:25 | Solid | GC 66 | 12/09/15 | 12/16/15 00:09 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 38 | 50 | 32 | 1.00 | J |
| Aroclor-1260 | 130 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 83 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K25L26-0.5** | **15-12-0636-9-A** | **12/08/15 11:05** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 05:17** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 430 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 3000 | 500 | 320 | 10.0 | |
| Aroclor-1260 | 3400 | 500 | 310 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 340 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 142 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 108 | 25-145 | |

| K21L22A-0.5 | 15-12-0636-10-A | 12/08/15 11:20 | Solid | GC 66 | 12/09/15 | 12/16/15 14:09 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J25K26-0.5** | **15-12-0636-11-A** | **12/08/15 13:05** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 02:01** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 15000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 73 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| J24K25A-0.5 | 15-12-0636-12-A | 12/08/15 13:48 | Solid | GC 66 | 12/09/15 | 12/13/15 02:18 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | 11000 | 5000 | 3200 | 100 | |
| Aroclor-1254 | 9300 | 5000 | 3100 | 100 | |
| Aroclor-1260 | 8100 | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3400 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 127 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 138 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-N-0.5** | **15-12-0636-13-A** | **12/08/15 13:30** | **Solid** | **GC 66** | **12/09/15** | **12/13/15 02:36** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | 36000 | 5000 | 3200 | 100 | |
| Aroclor-1254 | 36000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | 22000 | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 86 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 128 | 25-145 | |

| J24K25A-E-0.5 | 15-12-0636-14-A | 12/08/15 14:22 | Solid | GC 66 | 12/09/15 | 12/16/15 00:27 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 64 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-W-0.5** | **15-12-0636-15-A** | **12/08/15 13:45** | **Solid** | **GC 66** | **12/09/15** | **12/15/15 21:10** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 430 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 4000 | 500 | 320 | 10.0 | |
| Aroclor-1260 | 5500 | 500 | 310 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 340 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 83 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 70 | 25-145 | |

| J24K25-0.5 | 15-12-0636-16-A | 12/08/15 14:28 | Solid | GC 66 | 12/09/15 | 12/15/15 21:28 | 151209L04 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 1900 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 63 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 69 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25-W-0.5** | **15-12-0636-17-A** | **12/08/15 13:33** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 12:33** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 4800 | 500 | 310 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 340 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 112 | 25-145 | |

| J24K25-E-0.5 | 15-12-0636-18-A | 12/08/15 14:32 | Solid | GC 66 | 12/09/15 | 12/16/15 00:44 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 81 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25-S-0.5** | **15-12-0636-19-A** | **12/08/15 13:40** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 13:09** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 6800 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 92 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 106 | 25-145 | |

| J24K25A-S-0.5 | 15-12-0636-20-A | 12/08/15 14:40 | Solid | GC 66 | 12/09/15 | 12/16/15 01:02 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 78 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-S-0.5Dup** | **15-12-0636-21-A** | **12/08/15 14:42** | **Solid** | **GC 66** | **12/09/15** | **12/16/15 01:20** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

| C13D14-0.5 | 15-12-0636-22-A | 12/08/15 15:08 | Solid | GC 66 | 12/09/15 | 12/15/15 21:46 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 13000 | 5000 | 3100 | 100 | |
| Aroclor-1260 | ND | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3400 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 72 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **C18D19-0.5** | **15-12-0636-23-A** | **12/08/15 15:15** | **Solid** | **GC 66** | **12/09/15** | **12/15/15 22:04** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 3000 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 88 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

| E20F21-0.5 | 15-12-0636-24-A | 12/08/15 15:43 | Solid | GC 66 | 12/09/15 | 12/15/15 22:22 | 151209L05 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 4100 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3552** | **N/A** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 18:58** | **151209L04** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 98 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 102 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3551** | **N/A** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 17:37** | **151209L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EB-120815** | **15-12-0636-25-A** | **12/08/15 16:15** | **Aqueous** | **GC 66** | **12/09/15** | **12/12/15 12:16** | **151209L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 0.95 | 0.28 | 1.00 | |
| Aroclor-1221 | ND | 0.95 | 0.27 | 1.00 | |
| Aroclor-1232 | ND | 0.95 | 0.24 | 1.00 | |
| Aroclor-1242 | ND | 0.95 | 0.17 | 1.00 | |
| Aroclor-1248 | ND | 0.95 | 0.19 | 1.00 | |
| Aroclor-1254 | ND | 0.95 | 0.21 | 1.00 | |
| Aroclor-1260 | ND | 0.95 | 0.25 | 1.00 | |
| Aroclor-1262 | ND | 0.95 | 0.25 | 1.00 | |
| Aroclor-1268 | ND | 0.95 | 0.20 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 77 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 117 | 50-135 | |

| Method Blank | 099-12-533-1111 | N/A | Aqueous | GC 66 | 12/09/15 | 12/12/15 11:40 | 151209L03 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 57 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 50-135 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J24K25A-E-0.5** | **Sample** | **Solid** | **GC 66** | **12/09/15** | **12/16/15 00:27** | **151209S04** |
| **J24K25A-E-0.5** | **Matrix Spike** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 16:13** | **151209S04** |
| **J24K25A-E-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 16:31** | **151209S04** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 142.8 | 143 | 161.4 | 161 | 50-135 | 12 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 4901 | 4901 | 7867 | 7867 | 50-135 | 46 | 0-20 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/08/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0636 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **15-12-0531-5** | **Sample** | **Solid** | **GC 66** | **12/09/15** | **12/12/15 23:02** | **151209S05** |
| **15-12-0531-5** | **Matrix Spike** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 14:27** | **151209S05** |
| **15-12-0531-5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 14:45** | **151209S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 496.0 | 496 | 616.1 | 616 | 50-135 | 22 | 0-20 | 3,4 |
| Aroclor-1260 | ND | 100.0 | 10050 | 10045 | 16260 | 16262 | 50-135 | 47 | 0-20 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/08/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0636 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3552** | **LCS** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 17:55** | **151209L04** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 106.3 | 106 | 50-135 | |
| Aroclor-1260 | 100.0 | 108.0 | 108 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/08/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0636 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 2 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3551** | **LCS** | **Solid** | **GC 66** | **12/09/15** | **12/11/15 17:19** | **151209L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 91.00 | 91 | 50-135 | |
| Aroclor-1260 | 100.0 | 94.23 | 94 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS/LCSD

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3510C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|---|
| **099-12-533-1111** | **LCS** | **Aqueous** | **GC 66** | **12/09/15** | **12/12/15 11:04** | **151209L03** |
| **099-12-533-1111** | **LCSD** | **Aqueous** | **GC 66** | **12/09/15** | **12/12/15 11:22** | **151209L03** |

| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 2.000 | 2.249 | 112 | 2.539 | 127 | 50-135 | 12 | 0-25 | |
| Aroclor-1260 | 2.000 | 2.017 | 101 | 2.301 | 115 | 50-135 | 13 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0636 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3510C | 944 | GC 66 | 1 |
| EPA 8082 | EPA 3540C | 669 | GC 66 | 1 |
| EPA 8082 | EPA 3540C | 944 | GC 66 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0636 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-8-15 | 15-12-0636 |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 1 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

| Project Name, Location (State) / Project Number | Sampler(s): (PRINT) |
|---|---|
| VTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge, Kelly Hoggan |

Contract/Purchase Order/Quote No.

Analysis

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | J32 K33 -0.5 | | 12-8-15 | 8:10 | 1 | | | | X | X | | | | | | | X |
| 2 | M30 N31 -0.5 | | 12-8-15 | 8:28 | 1 | | | | X | X | | | | | | | X |
| 3 | R31 S32 -0.5 | | 12-8-15 | 8:55 | 1 | | | | X | X | | | | | | | X |
| 4 | Q31 R32A -0.5 | | 12-8-15 | 9:00 | 1 | | | | X | X | | | | | | | X |
| 5 | N24025 -0.5 | | 12-8-15 | 9:45 | 1 | | | | X | X | | | | | | | X |
| 6 | P22Q23 -0.5 | | 12-8-15 | 10:00 | 1 | | | | X | X | | | | | | | X |
| 7 | P18Q19A 0.5 | | 12-8-15 | 10:15 | 1 | | | | X | X | | | | | | | X |
| 8 | P13Q14 -0.5 | | 12-8-15 | 10:25 | 1 | | | | X | X | | | | | | | X |
| 9 | K25 L26 -0.5 | | 12-8-15 | 11:05 | 1 | | | | X | X | | | | | | | X |
| 10 | K21 L22A -0.5 | | 12-8-15 | 11:20 | 1 | | | | X | X | | | | | | | X |
| 11 | J25 K26 -0.5 | | 12-8-15 | 13:05 | 1 | | | | X | X | | | | | | | X |
| 12 | J24 K25A - 0.5 | | 12-8-15 | 13:48 | 1 | | | | X | X | | | | | | | X |
| 13 | J24 K25A - N -0.5 | | 12-8-15 | 1330 | 1 | | | | X | X | | | | | | | X |
| 14 | J24 K25A - E -0.5 | | 12-8-15 | 1422 | 1 | | | | X | X | | | | | | | X |

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify)

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/8/15 | 16:30 | (DCS) | 12/8/15 | 16:30 |
| 2 | (DCS) | 12/8/15 | 2040 | ECI | 120815 | 2000 |
| 3 | | | | | | |

Comments



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-8-15 | 15-12-0636 |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 2 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 , VTC

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~15~~ | ~~J24K25A-S-0.5~~ KH | | | | | | | | | | | | | | | | |
| 15 | J24K25A-W-0.5 | | 12-8-15 | 13:45 | 1 | | | | X | X | | | | | | | X |
| 16 | J24K25-0.5 | | 12-8-15 | 1428 | 1 | | | | X | X | | | | | | | X |
| 17 | J24K25-W-0.5 | | 12-8-15 | 13:33 | 1 | | | | X | X | | | | | | | X |
| 18 | J24K25-E-0.5 | | 12-8-15 | 14:32 | 1 | | | | X | X | | | | | | | X |
| 19 | J24K25-S-0.5 | | 12-8-15 | 1340 | 1 | | | | X | X | | | | | | | X |
| 20 | J24K25A-S-0.5 | | 12-8-15 | 14:40 | 1 | | | | X | X | | | | | | | X |
| 21 | J24K25A-S-0.5DUP | | 12-8-15 | 14:42 KH | 1 | | | | X | X | | | | | | | X |
| 22 | C13D14-0.5 | | 12-8-15 | 1508 | 1 | | | | X | X | | | | | | | X |
| 23 | C18D19-0.5 | | 12-8-15 | 15:15 | 1 | | | | X | X | | | | | | | X |
| 24 | E20F21-0.5 | | 12-8-15 | 15:43 | 1 | | | | X | X | | | | | | | X |
| 25 | EB-120815 | | 12-8-15 | 16:15 | 1 | | X | | | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/8/15 | 16:30 | (DCS) | 12/8/15 | 16:30 |
| 2 | DCS | 12/8/15 | 20:00 | ECI | 120815 | 2000 |
| 3 | | | | | | |

Comments:



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WORK ORDER NUMBER: 15-12- 0636

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 8 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.7 °C (w/ CF): 3.3 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 681

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 681

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 681

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Supplemental Report 1

Additional requested analyses are reported as a stand-alone report.

# WORK ORDER NUMBER: 15-12-0636

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/31/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Work Order Number: 15-12-0636


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# Work Order Narrative

Work Order: 15-12-0636 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/08/15. They were assigned to Work Order 15-12-0636.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0636 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | PO Number: | |
| | | Date/Time Received: | 12/08/15 20:00 |
| | | Number of Containers: | 25 |
| Attn: | Kelly Hoggan | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| J24K25A-N-0.5 | 15-12-0636-13 | 12/08/15 13:30 | 1 | Solid |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0636 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | Received: | 12/08/15 |
| Attn: | Kelly Hoggan | | Page 1 of 1 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J24K25A-N-0.5 (15-12-0636-13) | | | | | | |
| Aroclor-1248 | 44000 | | 9800 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 42000 | | 9800 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 21000 | | 9800 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/08/15
Work Order: 15-12-0636
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-N-0.5** | **15-12-0636-13-A** | **12/08/15 13:30** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 16:12** | **151222L13** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 9800 | 4100 | 100 | |
| Aroclor-1221 | ND | 9800 | 8300 | 100 | |
| Aroclor-1232 | ND | 9800 | 4900 | 100 | |
| Aroclor-1242 | ND | 9800 | 7300 | 100 | |
| Aroclor-1248 | 44000 | 9800 | 6300 | 100 | |
| Aroclor-1254 | 42000 | 9800 | 6200 | 100 | |
| Aroclor-1260 | 21000 | 9800 | 6000 | 100 | |
| Aroclor-1262 | ND | 9800 | 6800 | 100 | |
| Aroclor-1268 | ND | 9800 | 6600 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 128 | 25-145 | |

| Method Blank | 099-12-535-3575 | N/A | Solid | GC 63 | 12/22/15 | 12/29/15 12:13 | 151222L13 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 68 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/08/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0636 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J24K25A-N-0.5** | **Sample** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 16:12** | **151222S13** |
| **J24K25A-N-0.5** | **Matrix Spike** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 14:07** | **151222S13** |
| **J24K25A-N-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 14:27** | **151222S13** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 10000 | 10450 | 104 | 10270 | 103 | 50-135 | 2 | 0-20 | |
| Aroclor-1260 | 20830 | 10000 | 21680 | 8 | 59980 | 391 | 50-135 | 94 | 0-20 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/08/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0636 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3575** | **LCS** | **Solid** | **GC 63** | **12/22/15** | **12/29/15 11:53** | **151222L13** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 97.90 | 98 | 50-135 | |
| Aroclor-1260 | 100.0 | 118.2 | 118 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0636 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3540C | 944 | GC 63 | 3 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0636 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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## Virendra Patel

**From:** Hoggan, Kelly <KHoggan@haleyaldrich.com>
**Sent:** Tuesday, December 22, 2015 11:21 AM
**To:** Virendra Patel
**Subject:** re-runs

Hi Virendra,

If there is enough sample volume available, can you re-run the following samples for PCBs w/ soxhlet extraction. I understand one is past the hold time, but please run anyway. Normal TAT.

E26F29A-N-0.5 (15-12-0531-7)
J24K25A-N-0.5 (15-12-0636-13)

**Kelly Hoggan, PG**
Assistant Project Manager
Geologist

**Haley & Aldrich, Inc.**
3187 Red Hill Avenue | Suite 155
Costa Mesa, CA 92626

T: (714) 371.1828
C: (714) 709.3072

www.haleyaldrich.com

Notify us here to report this email as spam.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-8-15 | 15-12-0636 |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 1 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

| Project Name, Location (State) / Project Number | Sampler(s): (PRINT) |
|---|---|
| VTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge, Kelly Hoggan |

Contract/Purchase Order/Quote No.:

Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | J32K33-0.5 | | 12-8-15 | 8:10 | 1 | | | | X | X | | | | | | | X |
| 2 | M30N31-0.5 | | 12-8-15 | 8:28 | 1 | | | | X | X | | | | | | | X |
| 3 | R31S32-0.5 | | 12-8-15 | 8:55 | 1 | | | | X | X | | | | | | | X |
| 4 | Q31R32A-0.5 | | 12-8-15 | 9:00 | 1 | | | | X | X | | | | | | | X |
| 5 | N24025-0.5 | | 12-8-15 | 9:45 | 1 | | | | X | X | | | | | | | X |
| 6 | P22Q23-0.5 | | 12-8-15 | 10:00 | 1 | | | | X | X | | | | | | | X |
| 7 | P18Q19A-0.5 | | 12-8-15 | 10:15 | 1 | | | | X | X | | | | | | | X |
| 8 | P13Q14-0.5 | | 12-8-15 | 10:25 | 1 | | | | X | X | | | | | | | X |
| 9 | K25L26-0.5 | | 12-8-15 | 11:05 | 1 | | | | X | X | | | | | | | X |
| 10 | K21L22A-0.5 | | 12-8-15 | 11:20 | 1 | | | | X | X | | | | | | | X |
| 11 | J25K26-0.5 | | 12-8-15 | 13:05 | 1 | | | | X | X | | | | | | | X |
| 12 | J24K25A-0.5 | | 12-8-15 | 13:48 | 1 | | | | X | X | | | | | | | X |
| 13 | J24K25A-N-0.5 | | 12-8-15 | 1330 | 1 | | | | X | X | | | | | | | X |
| 14 | J24K25A-E-0.5 | | 12-8-15 | 1422 | 1 | | | | X | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12/8/15 | 16:30 | 1. Received By: (DCS) | 12/8/15 | 16:30 |
| 2. Relinquished By: (DCS) | 12/8/15 | 2040 | 2. Received By: ECI | 120815 | 2000 |
| 3. Relinquished By: | Date | Time | 3. Received By: | Date | Time |

Comments:



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-8-15 | 15-12-0636 |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 2 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 , VTC

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt: Equis EDD

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~15~~ | ~~J24K25A-S-0.5~~ KH | | | | | | | | | | | | | | | | |
| 15 | J24K25A-W-0.5 | | 12-8-15 | 13:45 | 1 | | | | X | X | | | | | | | X |
| 16 | J24K25-0.5 | | 12-8-15 | 1428 | 1 | | | | X | X | | | | | | | X |
| 17 | J24K25-W-0.5 | | 12-8-15 | 13:33 | 1 | | | | X | X | | | | | | | X |
| 18 | J24K25-E-0.5 | | 12-8-15 | 14:32 | 1 | | | | X | X | | | | | | | X |
| 19 | J24K25-S-0.5 | | 12-8-15 | 1340 | 1 | | | | X | X | | | | | | | X |
| 20 | J24K25A-S-0.5 | | 12-8-15 | 14:40 | 1 | | | | X | X | | | | | | | X |
| 21 | J24K25A-S-0.5DUP | | 12-8-15 | 14:42 KH | 1 | | | | X | X | | | | | | | X |
| 22 | C13D14-0.5 | | 12-8-15 | 1508 | 1 | | | | X | X | | | | | | | X |
| 23 | C18D19-0.5 | | 12-8-15 | 15:15 | 1 | | | | X | X | | | | | | | X |
| 24 | E20F21-0.5 | | 12-8-15 | 15:43 | 1 | | | | X | X | | | | | | | X |
| 25 | EB-120815 | | 12-8-15 | 16:15 | 1 | | X | | | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12/8/15 | 16:30 | 1. Received By: (DCS) | 12/8/15 | 16:30 |
| 2. Relinquished By: DCS | 12/8/15 | 20:00 | 2. Received By: ECI | 120815 | 2000 |
| 3. Relinquished By: | Date | Time | 3. Received By: | Date | Time |

Comments:



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WORK ORDER NUMBER: 15-12- 0636

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 8 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.7 °C (w/ CF): 3.3 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 681

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 681

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 681

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# WORK ORDER NUMBER: 15-12-0751

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/18/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 15-12-0751


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# Work Order Narrative

Work Order: 15-12-0751 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/09/15. They were assigned to Work Order 15-12-0751.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0751
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
PO Number:
Date/Time Received: 12/09/15 18:30
Number of Containers: 27

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| F16G17-0.5 | 15-12-0751-1 | 12/09/15 08:35 | 1 | Solid |
| F17G18-0.5 | 15-12-0751-2 | 12/09/15 08:42 | 1 | Solid |
| E17F18-0.5 | 15-12-0751-3 | 12/09/15 08:50 | 1 | Solid |
| E22F23-0.5 | 15-12-0751-4 | 12/09/15 09:19 | 1 | Solid |
| F22G23-0.5 | 15-12-0751-5 | 12/09/15 09:33 | 1 | Solid |
| F23G24-0.5 | 15-12-0751-6 | 12/09/15 09:52 | 1 | Solid |
| F23G24-N-0.5 | 15-12-0751-7 | 12/09/15 09:57 | 1 | Solid |
| F23G24-S-0.5 | 15-12-0751-8 | 12/09/15 10:08 | 1 | Solid |
| F23G24-E-0.5 | 15-12-0751-9 | 12/09/15 10:13 | 1 | Solid |
| F23G24-W-0.5 | 15-12-0751-10 | 12/09/15 10:19 | 1 | Solid |
| F23G24-S-0.5 | 15-12-0751-11 | 12/09/15 10:09 | 1 | Solid |
| G22H23-0.5 | 15-12-0751-12 | 12/09/15 10:28 | 1 | Solid |
| F19G20-0.5 | 15-12-0751-13 | 12/09/15 10:45 | 1 | Solid |
| F20G21A-0.5 | 15-12-0751-14 | 12/09/15 10:51 | 1 | Solid |
| F19G20A-0.5 | 15-12-0751-15 | 12/09/15 10:56 | 1 | Solid |
| G17H18-0.5 | 15-12-0751-16 | 12/09/15 11:08 | 1 | Solid |
| G20H21-0.5 | 15-12-0751-17 | 12/09/15 11:14 | 1 | Solid |
| G17H18-0.5DUP | 15-12-0751-18 | 12/09/15 11:09 | 1 | Solid |
| F15G16-0.5 | 15-12-0751-19 | 12/09/15 12:30 | 1 | Solid |
| J13K14-0.5 | 15-12-0751-20 | 12/09/15 12:57 | 1 | Solid |
| F13G14-0.5 | 15-12-0751-21 | 12/09/15 13:10 | 1 | Solid |
| K12L13A-0.5 | 15-12-0751-22 | 12/09/15 13:40 | 1 | Solid |
| K12L13-0.5 | 15-12-0751-23 | 12/09/15 13:49 | 1 | Solid |
| L14M15-0.5 | 15-12-0751-24 | 12/09/15 14:01 | 1 | Solid |
| H19J20-0.5 | 15-12-0751-25 | 12/09/15 14:15 | 1 | Solid |
| J20K21A-0.5 | 15-12-0751-26 | 12/09/15 14:30 | 1 | Solid |
| EB-120915 | 15-12-0751-27 | 12/09/15 15:00 | 1 | Aqueous |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0751
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Received: 12/09/15

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F16G17-0.5 (15-12-0751-1) | | | | | | |
| Aroclor-1248 | 2800 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 5400 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| F17G18-0.5 (15-12-0751-2) | | | | | | |
| Aroclor-1248 | 1100 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1500 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| E17F18-0.5 (15-12-0751-3) | | | | | | |
| Aroclor-1254 | 1100 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| E22F23-0.5 (15-12-0751-4) | | | | | | |
| Aroclor-1248 | 260 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 730 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| F22G23-0.5 (15-12-0751-5) | | | | | | |
| Aroclor-1254 | 160 | | 100 | ug/kg | EPA 8082 | EPA 3540C |
| F23G24-0.5 (15-12-0751-6) | | | | | | |
| Aroclor-1248 | 180 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 570 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 630 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| F23G24-N-0.5 (15-12-0751-7) | | | | | | |
| Aroclor-1254 | 96 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 110 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| F23G24-S-0.5 (15-12-0751-8) | | | | | | |
| Aroclor-1248 | 690 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1100 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| F23G24-E-0.5 (15-12-0751-9) | | | | | | |
| Aroclor-1254 | 81 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 83 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| F23G24-W-0.5 (15-12-0751-10) | | | | | | |
| Aroclor-1248 | 90 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 620 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 650 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| F23G24-S-0.5 (15-12-0751-11) | | | | | | |
| Aroclor-1248 | 680 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1000 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 910 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| G22H23-0.5 (15-12-0751-12) | | | | | | |
| Aroclor-1248 | 690 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 3100 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 1800 | | 250 | ug/kg | EPA 8082 | EPA 3540C |

* MDL is shown

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0751 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | Received: | 12/09/15 |

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| F19G20-0.5 (15-12-0751-13) | | | | | | |
| Aroclor-1248 | 210 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| G17H18-0.5 (15-12-0751-16) | | | | | | |
| Aroclor-1248 | 390 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1600 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 6700 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| G17H18-0.5DUP (15-12-0751-18) | | | | | | |
| Aroclor-1248 | 470 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1800 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 5300 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| F15G16-0.5 (15-12-0751-19) | | | | | | |
| Aroclor-1248 | 430 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 700 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 770 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| J13K14-0.5 (15-12-0751-20) | | | | | | |
| Aroclor-1248 | 350 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 2000 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| F13G14-0.5 (15-12-0751-21) | | | | | | |
| Aroclor-1254 | 12000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| K12L13A-0.5 (15-12-0751-22) | | | | | | |
| Aroclor-1248 | 66 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 95 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 240 | | 50 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F16G17-0.5** | **15-12-0751-1-A** | **12/09/15 08:35** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 03:07** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 430 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | 2800 | 500 | 320 | 10.0 | |
| Aroclor-1254 | 5400 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 310 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 340 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 80 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

| F17G18-0.5 | 15-12-0751-2-A | 12/09/15 08:42 | Solid | GC 66 | 12/10/15 | 12/16/15 03:25 | 151210L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 190 | 5.00 | |
| Aroclor-1248 | 1100 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 1500 | 250 | 160 | 5.00 | |
| Aroclor-1260 | ND | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E17F18-0.5** | **15-12-0751-3-A** | **12/09/15 08:50** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 03:43** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 1100 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 130 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

| E22F23-0.5 | 15-12-0751-4-A | 12/09/15 09:19 | Solid | GC 66 | 12/10/15 | 12/16/15 04:01 | 151210L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 120 | 5.00 | |
| Aroclor-1242 | ND | 250 | 180 | 5.00 | |
| Aroclor-1248 | 260 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 730 | 250 | 160 | 5.00 | |
| Aroclor-1260 | ND | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 78 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F22G23-0.5** | **15-12-0751-5-A** | **12/09/15 09:33** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 04:19** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100 | 42 | 2.00 | |
| Aroclor-1221 | ND | 100 | 84 | 2.00 | |
| Aroclor-1232 | ND | 100 | 50 | 2.00 | |
| Aroclor-1242 | ND | 100 | 74 | 2.00 | |
| Aroclor-1248 | ND | 100 | 63 | 2.00 | |
| Aroclor-1254 | 160 | 100 | 63 | 2.00 | |
| Aroclor-1260 | ND | 100 | 61 | 2.00 | |
| Aroclor-1262 | ND | 100 | 69 | 2.00 | |
| Aroclor-1268 | ND | 100 | 67 | 2.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 71 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| F23G24-0.5 | 15-12-0751-6-A | 12/09/15 09:52 | Solid | GC 66 | 12/10/15 | 12/16/15 04:37 | 151210L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 180 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 570 | 50 | 32 | 1.00 | |
| Aroclor-1260 | 630 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24-N-0.5** | **15-12-0751-7-A** | **12/09/15 09:57** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 04:54** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 96 | 50 | 32 | 1.00 | |
| Aroclor-1260 | 110 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 73 | 25-145 | |

| F23G24-S-0.5 | 15-12-0751-8-A | 12/09/15 10:08 | Solid | GC 66 | 12/10/15 | 12/16/15 06:24 | 151210L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 190 | 5.00 | |
| Aroclor-1248 | 690 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 1100 | 250 | 160 | 5.00 | |
| Aroclor-1260 | ND | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 112 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24-E-0.5** | **15-12-0751-9-A** | **12/09/15 10:13** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 06:41** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 81 | 50 | 32 | 1.00 | |
| Aroclor-1260 | 83 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24-W-0.5** | **15-12-0751-10-A** | **12/09/15 10:19** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 06:59** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 90 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 620 | 50 | 31 | 1.00 | |
| Aroclor-1260 | 650 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 119 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F23G24-S-0.5** | **15-12-0751-11-A** | **12/09/15 10:09** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 07:17** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 180 | 5.00 | |
| Aroclor-1248 | 680 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 1000 | 250 | 160 | 5.00 | |
| Aroclor-1260 | 910 | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 68 | 25-145 | |

| G22H23-0.5 | 15-12-0751-12-A | 12/09/15 10:28 | Solid | GC 66 | 12/10/15 | 12/16/15 07:35 | 151210L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 180 | 5.00 | |
| Aroclor-1248 | 690 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 3100 | 250 | 160 | 5.00 | |
| Aroclor-1260 | 1800 | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F19G20-0.5** | **15-12-0751-13-A** | **12/09/15 10:45** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 07:53** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 210 | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 77 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 70 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F20G21A-0.5** | **15-12-0751-14-A** | **12/09/15 10:51** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 08:11** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 79 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F19G20A-0.5** | **15-12-0751-15-A** | **12/09/15 10:56** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 09:44** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 86 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

| G17H18-0.5 | 15-12-0751-16-A | 12/09/15 11:08 | Solid | GC 66 | 12/10/15 | 12/16/15 10:02 | 151210L14 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 180 | 5.00 | |
| Aroclor-1248 | 390 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 1600 | 250 | 160 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 93 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 86 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18-0.5** | **15-12-0751-16-A** | **12/09/15 11:08** | **Solid** | **GC 66** | **12/16/15** | **12/16/15 19:27** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1260 | 6700 | 2500 | 1500 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 125 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 109 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G20H21-0.5** | **15-12-0751-17-A** | **12/09/15 11:14** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 10:19** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 126 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 117 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G17H18-0.5DUP** | **15-12-0751-18-A** | **12/09/15 11:09** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 10:37** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 120 | 5.00 | |
| Aroclor-1242 | ND | 250 | 180 | 5.00 | |
| Aroclor-1248 | 470 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 1800 | 250 | 160 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 101 | 25-145 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **G17H18-0.5DUP** | **15-12-0751-18-A** | **12/09/15 11:09** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 13:44** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1260 | 5300 | 2500 | 1500 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 102 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F15G16-0.5** | **15-12-0751-19-A** | **12/09/15 12:30** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 10:55** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 190 | 5.00 | |
| Aroclor-1248 | 430 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 700 | 250 | 160 | 5.00 | |
| Aroclor-1260 | 770 | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

| J13K14-0.5 | 15-12-0751-20-A | 12/09/15 12:57 | Solid | GC 66 | 12/11/15 | 12/16/15 11:13 | 151211L08 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 250 | 100 | 5.00 | |
| Aroclor-1221 | ND | 250 | 210 | 5.00 | |
| Aroclor-1232 | ND | 250 | 130 | 5.00 | |
| Aroclor-1242 | ND | 250 | 190 | 5.00 | |
| Aroclor-1248 | 350 | 250 | 160 | 5.00 | |
| Aroclor-1254 | 2000 | 250 | 160 | 5.00 | |
| Aroclor-1260 | ND | 250 | 150 | 5.00 | |
| Aroclor-1262 | ND | 250 | 170 | 5.00 | |
| Aroclor-1268 | ND | 250 | 170 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 127 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 108 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F13G14-0.5** | **15-12-0751-21-A** | **12/09/15 13:10** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 11:31** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1800 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 12000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

| K12L13A-0.5 | 15-12-0751-22-A | 12/09/15 13:40 | Solid | GC 66 | 12/11/15 | 12/16/15 11:49 | 151211L08 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 43 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 66 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 95 | 50 | 32 | 1.00 | |
| Aroclor-1260 | 240 | 50 | 31 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 34 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 111 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K12L13-0.5** | **15-12-0751-23-A** | **12/09/15 13:49** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 12:07** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 124 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L14M15-0.5** | **15-12-0751-24-A** | **12/09/15 14:01** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 14:45** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 42 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 121 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H19J20-0.5** | **15-12-0751-25-A** | **12/09/15 14:15** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 15:03** | **151211L08** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| J20K21A-0.5 | 15-12-0751-26-A | 12/09/15 14:30 | Solid | GC 66 | 12/11/15 | 12/16/15 15:20 | 151211L08 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 49 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 90 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3558** | **N/A** | **Solid** | **GC 66** | **12/10/15** | **12/14/15 11:26** | **151210L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 111 | 25-145 | |

| Method Blank | 099-12-535-3559 | N/A | Solid | GC 66 | 12/11/15 | 12/14/15 12:01 | 151211L08 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 109 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/09/15
Work Order: 15-12-0751
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EB-120915** | **15-12-0751-27-A** | **12/09/15 15:00** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 19:41** | **151211L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 0.94 | 0.28 | 1.00 | |
| Aroclor-1221 | ND | 0.94 | 0.27 | 1.00 | |
| Aroclor-1232 | ND | 0.94 | 0.23 | 1.00 | |
| Aroclor-1242 | ND | 0.94 | 0.17 | 1.00 | |
| Aroclor-1248 | ND | 0.94 | 0.19 | 1.00 | |
| Aroclor-1254 | ND | 0.94 | 0.21 | 1.00 | |
| Aroclor-1260 | ND | 0.94 | 0.25 | 1.00 | |
| Aroclor-1262 | ND | 0.94 | 0.25 | 1.00 | |
| Aroclor-1268 | ND | 0.94 | 0.19 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 86 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 87 | 50-135 | |

| Method Blank | 099-12-533-1112 | N/A | Aqueous | GC 66 | 12/11/15 | 12/15/15 17:29 | 151211L07 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 50-135 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/09/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0751 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **F19G20A-0.5** | **Sample** | **Solid** | **GC 66** | **12/10/15** | **12/16/15 09:44** | **151210S14** |
| **F19G20A-0.5** | **Matrix Spike** | **Solid** | **GC 66** | **12/10/15** | **12/14/15 12:19** | **151210S14** |
| **F19G20A-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/10/15** | **12/14/15 12:37** | **151210S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 2337 | 2337 | 1974 | 1974 | 50-135 | 17 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 1023 | 1023 | 1274 | 1274 | 50-135 | 22 | 0-20 | 3,4 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/09/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0751 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **K12L13A-0.5** | **Sample** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 11:49** | **151211S08** |
| **K12L13A-0.5** | **Matrix Spike** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 16:34** | **151211S08** |
| **K12L13A-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/11/15** | **12/14/15 13:13** | **151211S08** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 129.4 | 129 | 114.0 | 114 | 50-135 | 13 | 0-20 | |
| Aroclor-1260 | 239.5 | 100.0 | 310.9 | 71 | 260.0 | 20 | 50-135 | 18 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/09/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0751 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3558** | **LCS** | **Solid** | **GC 66** | **12/10/15** | **12/14/15 11:08** | **151210L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 106.1 | 106 | 50-135 | |
| Aroclor-1260 | 100.0 | 104.7 | 105 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/09/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0751 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 2 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3559** | **LCS** | **Solid** | **GC 66** | **12/11/15** | **12/14/15 11:43** | **151211L08** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 104.5 | 104 | 50-135 | |
| Aroclor-1260 | 100.0 | 103.3 | 103 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS/LCSD

| | |
|---|---|
| Haley & Aldrich, Inc. | Date Received: 12/09/15 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: 15-12-0751 |
| Costa Mesa, CA 92626-3453 | Preparation: EPA 3510C |
| | Method: EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | Page 3 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|---|
| **099-12-533-1112** | **LCS** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 16:54** | **151211L07** |
| **099-12-533-1112** | **LCSD** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 17:12** | **151211L07** |

| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 2.000 | 2.011 | 101 | 2.392 | 120 | 50-135 | 17 | 0-25 | |
| Aroclor-1260 | 2.000 | 1.878 | 94 | 2.002 | 100 | 50-135 | 6 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0751 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3510C | 944 | GC 66 | 1 |
| EPA 8082 | EPA 3540C | 944 | GC 66 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0751 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-9-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | **15-12-0751** | Page 1 of 2 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 / V7C

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt: Equis EDD

| Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F16G17-0.5 | 1 | 12-9-15 | 8:35 | 1 | | | | X | X | | | | | | | X |
| F17G18-0.5 | 2 | 12-9-15 | 8:42 | 1 | | | | X | X | | | | | | | X |
| E17F18-0.5 | 3 | 12-9-15 | 8:50 | 1 | | | | X | X | | | | | | | X |
| E22F23-0.5 | 4 | 12-9-15 | 9:19 | 1 | | | | X | X | | | | | | | X |
| F22G23-0.5 | 5 | 12-9-15 | 9:33 | 1 | | | | X | X | | | | | | | X |
| F23G24-0.5 | 6 | 12-9-15 | 9:52 | 1 | | | | X | X | | | | | | | X |
| F23G24-N-0.5 | 7 | 12-9-15 | 9:57 | 1 | | | | X | X | | | | | | | X |
| F23G24-S-0.5 | 8 | 12-9-15 | 10:08 | 1 | | | | X | X | | | | | | | X |
| F23G24-E-0.5 | 9 | 12-9-15 | 10:13 | 1 | | | | X | X | | | | | | | X |
| F23G24-W-0.5 | 10 | 12-9-15 | 10:19 | 1 | | | | X | X | | | | | | | X |
| F23G24-S-0.5 | 11 | 12-9-15 | 10:09 | 1 | | | | X | X | | | | | | | X |
| G22H23-0.5 | 12 | 12-9-15 | 10:28 | 1 | | | | X | X | | | | | | | X |
| F19G20-0.5 | 13 | 12-9-15 | 10:45 | 1 | | | | X | X | | | | | | | X |
| F20G21A-0.5 | 14 | 12-9-15 | 10:51 | | | | | | | | | | | | | |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12/9/15 | 1530 | 1. Received By: (DSS) | 12/9/15 | 1530 |
| 2. Relinquished By: (DSS) | 12/9/15 | 1830 | 2. Received By: ECI | 12/9/15 | 1830 |
| 3. Relinquished By: | Date | Time | 3. Received By: | Date | Time |

Comments:



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-9-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 15-12-0751 | Page 2 of 2 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517, VTC

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt: Equis EDD

| Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F19 G20A-0.5 15 | | 12-9-15 | 10:56 | 1 | | | | X | X | | | | | | | X |
| G17 H18-0.5 16 | | 12-9-15 | 11:08 | 1 | | | | X | X | | | | | | | X |
| G20 H21-0.5 17 | | 12-9-15 | 11:14 | 1 | | | | X | X | | | | | | | X |
| G17 H18-0.5 DUP 18 | | 12-9-15 | 11:09 | 1 | | | | X | X | | | | | | | X |
| ~~G15~~ KR F15 G16-0.5 19 | | 12-9-15 | 12:30 | 1 | | | | X | X | | | | | | | X |
| J13 K14-0.5 20 | | 12-9-15 | 12:57 | 1 | | | | X | X | | | | | | | X |
| F13 G14-0.5 21 | | 12-9-15 | 13:10 | 1 | | | | X | X | | | | | | | X |
| K12 L13A-0.5 22 | | 12-9-15 | 13:40 | 1 | | | | X | X | | | | | | | X |
| K12 L13-0.5 23 | | 12-9-15 | 13:49 | 1 | | | | X | X | | | | | | | X |
| L14 M15-0.5 24 | | 12-9-15 | 14:01 | 1 | | | | X | X | | | | | | | X |
| ~~H~~19 J20-0.5 25 | | 12-9-15 | 14:15 | 1 | | | | X | X | | | | | | | X |
| J20 K21A-0.5 26 | | 12-9-15 | 14:30 | 1 | | | | X | X | | | | | | | X |
| EB-120915 27 | | 12-9-15 | 15:00 | 1 | | X | | | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time |
|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12-9-15 | 1530 |
| 2. Relinquished By: (DCS) | 12/9/15 | 18:30 |
| 3. Relinquished By: | Date | Time |

| | Date | Time |
|---|---|---|
| 1. Received By: (DCS) | 12/9/15 | 1530 |
| 2. Received By: EC1 | 12/9/15 | 1830 |
| 3. Received By: | Date | Time |

Comments:



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WORK ORDER NUMBER: 15-12-0751

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 09 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.0 °C (w/ CF): 2.6 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 300

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 300

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ 12/9/15 | ☑ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☑ No analysis requested (-14) ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ 12/9/15 | ☑ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOAh ☐ VOA$na_2$ ☐ 100PJ ☐ 100PJ$na_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☐ 250PB ☐ 250PBn ☐ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☑ 1AGB ☐ 1AGB$na_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **$na_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: 653



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WORK ORDER NUMBER: 15-12- 0751

# SAMPLE ANOMALY REPORT

DATE: 12 / 09 / 2015

## SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

**Comments**

(-11) Labeled as:
P23G24-S-0.5-Dup
12/9/15 @ 10:09

## MISCELLANEOUS: (Describe)

**Comments**

## HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

| ECI Sample ID | ECI Container ID | Total Number** | ECI Sample ID | ECI Container ID | Total Number** |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Containers with bubble for other analysis)

| ECI Sample ID | ECI Container ID | Total Number** | Requested Analysis |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

Comments: _____

Reported by: 1053

Reviewed by: 619

** Record the total number of containers (i.e., vials or bottles) for the affected sample.



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# WORK ORDER NUMBER: 15-12-0867

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/18/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Work Order Number: 15-12-0867


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# Work Order Narrative

Work Order: 15-12-0867 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/10/15. They were assigned to Work Order 15-12-0867.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0867
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
PO Number:
Date/Time Received: 12/10/15 18:52
Number of Containers: 20

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| E26F29A-0-1.2 | 15-12-0867-3 | 12/10/15 09:05 | 1 | Concrete |
| E26F29A-2.2-2.8 | 15-12-0867-4 | 12/10/15 09:07 | 1 | Concrete |
| E26F29A-3.7-4.7 | 15-12-0867-5 | 12/10/15 09:09 | 1 | Concrete |
| E23G24-0-1.2 | 15-12-0867-8 | 12/10/15 09:41 | 1 | Concrete |
| E23G24-2.2-2.8 | 15-12-0867-9 | 12/10/15 09:43 | 1 | Concrete |
| E23G24-3.7-4.7 | 15-12-0867-10 | 12/10/15 09:45 | 1 | Concrete |
| J24K25-0-1.2 | 15-12-0867-11 | 12/10/15 10:05 | 1 | Concrete |
| J24K25-1.5-2 | 15-12-0867-12 | 12/10/15 10:06 | 1 | Concrete |
| J24K25-2.2-2.8 | 15-12-0867-13 | 12/10/15 10:07 | 1 | Concrete |
| J24K25-3-3.5 | 15-12-0867-14 | 12/10/15 10:08 | 1 | Concrete |
| J24K25-3.7-5.5 | 15-12-0867-15 | 12/10/15 10:09 | 1 | Concrete |
| J24K25A-0-1.2 | 15-12-0867-16 | 12/10/15 10:15 | 1 | Concrete |
| J24K25A-1.5-2 | 15-12-0867-17 | 12/10/15 10:16 | 1 | Concrete |
| J24K25-2.2-2.8 | 15-12-0867-18 | 12/10/15 10:17 | 1 | Concrete |
| J24K25-3-3.5 | 15-12-0867-19 | 12/10/15 10:18 | 1 | Concrete |
| J24K25-3.7-6 | 15-12-0867-20 | 12/10/15 10:19 | 1 | Concrete |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 15-12-0867 |
| | | Project Name: | UTC Canoga Park Concrete Assessment / 32594-517 |
| | | Received: | 12/10/15 |
| Attn: | Kelly Hoggan | | Page 1 of 1 |

**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J24K25A-1.5-2 (15-12-0867-17) | | | | | | |
| Aroclor-1248 | 100 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 130 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 43 | J | 30* | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0867
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25-1.5-2** | **15-12-0867-12-A** | **12/10/15 10:06** | **Concrete** | **GC 66** | **12/11/15** | **12/16/15 16:51** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 99 | 41 | 1.00 | |
| Aroclor-1221 | ND | 99 | 84 | 1.00 | |
| Aroclor-1232 | ND | 99 | 50 | 1.00 | |
| Aroclor-1242 | ND | 99 | 74 | 1.00 | |
| Aroclor-1248 | ND | 99 | 63 | 1.00 | |
| Aroclor-1254 | ND | 99 | 63 | 1.00 | |
| Aroclor-1260 | ND | 99 | 60 | 1.00 | |
| Aroclor-1262 | ND | 99 | 69 | 1.00 | |
| Aroclor-1268 | ND | 99 | 66 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 117 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 105 | 25-145 | |

| J24K25-3-3.5 | 15-12-0867-14-A | 12/10/15 10:08 | Concrete | GC 66 | 12/11/15 | 12/16/15 20:03 | 151211L12 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0867
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-1.5-2** | **15-12-0867-17-A** | **12/10/15 10:16** | **Concrete** | **GC 66** | **12/11/15** | **12/16/15 20:21** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 100 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 130 | 50 | 31 | 1.00 | |
| Aroclor-1260 | 43 | 50 | 30 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 132 | 25-145 | |

| J24K25-3-3.5 | 15-12-0867-19-A | 12/10/15 10:18 | Concrete | GC 66 | 12/11/15 | 12/16/15 20:39 | 151211L12 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 98 | 41 | 1.00 | |
| Aroclor-1221 | ND | 98 | 83 | 1.00 | |
| Aroclor-1232 | ND | 98 | 49 | 1.00 | |
| Aroclor-1242 | ND | 98 | 73 | 1.00 | |
| Aroclor-1248 | ND | 98 | 63 | 1.00 | |
| Aroclor-1254 | ND | 98 | 62 | 1.00 | |
| Aroclor-1260 | ND | 98 | 60 | 1.00 | |
| Aroclor-1262 | ND | 98 | 68 | 1.00 | |
| Aroclor-1268 | ND | 98 | 66 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 121 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 122 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0867
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3562** | **N/A** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 16:16** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/10/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0867 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **15-12-0868-4** | **Sample** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 23:02** | **151211S12** |
| **15-12-0868-4** | **Matrix Spike** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 02:00** | **151211S12** |
| **15-12-0868-4** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 02:18** | **151211S12** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 164.7 | 165 | 193.7 | 194 | 50-135 | 16 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 668.7 | 669 | 642.8 | 643 | 50-135 | 4 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/10/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0867 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3562** | **LCS** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 15:58** | **151211L12** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 103.5 | 103 | 50-135 | |
| Aroclor-1260 | 100.0 | 98.48 | 98 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0867 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3540C | 669 | GC 66 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0867 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-10-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 1 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | |
| **City / State / ZipCode** | **Site Contact** | **Lab Contact** | **Special Instructions/ Conditions of Receipt** | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | Equis EDD | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 VTC | Shannon Collinge, Kelly Hoggan | | | |

**15-12-0867**

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E26F29A-1.5-2 | | 12-10-15 | 9:06 | 1 | | | | X | X | | | | | | | PCB | X |
| 2 | E26F29A-3-3.5 | | 12-10-15 | 9:08 | 1 | | | | X | X | | | | | | | | X |
| 3 | E26F29A-0-1.2 | | 12-10-15 | 9:05 | 1 | | | | X | X | | | | | | | | X |
| 4 | E26F29A-2.2-2.8 | | 12-10-15 | 9:07 | 1 | | | | X | X | | | | | | | | X |
| 5 | E26F29A-3.7-4.7 | | 12-10-15 | 9:09 | 1 | | | | X | X | | | | | | | | X |
| 6 | F23G24-1.5-2 | | 12-10-15 | 9:42 | 1 | | | | X | X | | | | | | | | X |
| 7 | F23G24-3-3.5 | | 12-10-15 | 9:44 | 1 | | | | X | X | | | | | | | | X |
| 8 | F23G24-0-1.2 | | 12-10-15 | 9:41 | 1 | | | | X | X | | | | | | | | X |
| 9 | F23G24-2.2-2.8 | | 12-10-15 | 9:43 | 1 | | | | X | X | | | | | | | | X |
| 10 | F23G24-3.7-4.7 | | 12-10-15 | 9:45 | 1 | | | | X | X | | | | | | | | X |
| 11 | J24K25-0-1.2 | | 12-10-15 | 10:05 | 1 | | | | X | X | | | | | | | | X |
| 12 | J24K25-1.5-2 | | 12-10-15 | 10:06 | 1 | | | | X | X | | | | | | | X | |
| 13 | J24K25-2.2-2.8 | | 12-10-15 | 10:07 | 1 | | | | X | X | | | | | | | | X |
| 14 | J24K25-3-3.5 | | 12-10-15 | 10:08 | 1 | | | | X | X | | | | | | | X | |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1 | Kelly Hoggan | 12/10/15 | 11:20 | [illegible] (DCS) | 12/10/15 | 11:20 |
| 2 | [illegible] (DCS) | 12/10/15 | 18:52 | ECI | 121015 | 1852 |
| 3 | | | | | | |

**Comments**



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-10-15 | 15-12-0867 |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | **Page 2 of 2** |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

| Project Name, Location (State) / Project Number | Sampler(s): (PRINT) |
|---|---|
| Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge, Kelly Hoggan |

Contract/Purchase Order/Quote No.:

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | Hold |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | J24K25-3.7-5.5 | | 12-10-15 | 10:09 | 1 | | | | X | X | | | | | | | X | X |
| 16 | J24K25A-0-1.2 | | 12-10-15 | 10:15 | 1 | | | | X | X | | | | | | | | X |
| 17 | J24K25A-1.5-2 | | 12-10-15 | 10:16 | 1 | | | | X | X | | | | | | | X | |
| 18 | J24K25A-2.2-2.8 | | 12-10-15 | 10:17 | 1 | | | | X | X | | | | | | | | X |
| 19 | J24K25A-3-3.5 | | 12-10-15 | 10:18 | 1 | | | | X | X | | | | | | | X | |
| 20 | J24K25A-3.7-6 | | 12-10-15 | 10:19 | 1 | | | | X | X | | | | | | | | X |

Special Instructions/ Conditions of Receipt: Equis EDD

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12-10-15 | 11:20 | 1. Received By: (DCS) | 12-10-15 | 11:20 |
| 2. Relinquished By: (DCS) | 12/10/15 | 18:55 | 2. Received By: ECI | 121015 | 1852 |
| 3. Relinquished By | Date | Time | 3. Received By | Date | Time |

Comments:



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WORK ORDER NUMBER: 15-12- 0867

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 10 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 4.1 °C (w/ CF): 3.7 °C; ☒ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 681

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☒ Not Present ☐ N/A Checked by: 681

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☒ Not Present ☐ N/A Checked by: 1017

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☐ | ☐ | ☑ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (concrete): ☑ 2 ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, Labeled/Checked by: 1017

**s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH Reviewed by: 609

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# WORK ORDER NUMBER: 15-12-0868

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 12/18/2015 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 15-12-0868


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# Work Order Narrative

Work Order: 15-12-0868 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 12/10/15. They were assigned to Work Order 15-12-0868.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0868
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
PO Number:
Date/Time Received: 12/10/15 18:52
Number of Containers: 11

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| J16K17-0.5 | 15-12-0868-1 | 12/10/15 07:45 | 1 | Solid |
| J17K18-0.5 | 15-12-0868-2 | 12/10/15 07:50 | 1 | Solid |
| J17K18-N-0.5 | 15-12-0868-3 | 12/10/15 07:56 | 1 | Solid |
| J17K18-S-0.5 | 15-12-0868-4 | 12/10/15 07:59 | 1 | Solid |
| J17K18-E-0.5 | 15-12-0868-5 | 12/10/15 08:07 | 1 | Solid |
| J17K18-W-0.5 | 15-12-0868-6 | 12/10/15 08:15 | 1 | Solid |
| L19M20-0.5 | 15-12-0868-7 | 12/10/15 08:32 | 1 | Solid |
| K18L19-0.5 | 15-12-0868-8 | 12/10/15 08:42 | 1 | Solid |
| L16M17-.05 | 15-12-0868-9 | 12/10/15 09:25 | 1 | Solid |
| L15M16-0.5 | 15-12-0868-10 | 12/10/15 09:30 | 1 | Solid |
| EB-121015 | 15-12-0868-11 | 12/10/15 10:55 | 1 | Aqueous |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 15-12-0868
Project Name: UTC Canoga Park Concrete Assessment / 32594-517
Received: 12/10/15

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J17K18-0.5 (15-12-0868-2) | | | | | | |
| Aroclor-1248 | 300 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 1300 | | 250 | ug/kg | EPA 8082 | EPA 3540C |
| J17K18-N-0.5 (15-12-0868-3) | | | | | | |
| Aroclor-1248 | 140 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 780 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| J17K18-S-0.5 (15-12-0868-4) | | | | | | |
| Aroclor-1248 | 220 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 620 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| J17K18-E-0.5 (15-12-0868-5) | | | | | | |
| Aroclor-1248 | 1300 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 3400 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J17K18-W-0.5 (15-12-0868-6) | | | | | | |
| Aroclor-1248 | 210 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 930 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| L19M20-0.5 (15-12-0868-7) | | | | | | |
| Aroclor-1248 | 150 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 610 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| K18L19-0.5 (15-12-0868-8) | | | | | | |
| Aroclor-1254 | 3700 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| L16M17-.05 (15-12-0868-9) | | | | | | |
| Aroclor-1248 | 60 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 250 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| L15M16-0.5 (15-12-0868-10) | | | | | | |
| Aroclor-1248 | 94 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 440 | | 50 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J16K17-0.5** | **15-12-0868-1-A** | **12/10/15 07:45** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 20:56** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 84 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18-0.5** | **15-12-0868-2-A** | **12/10/15 07:50** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 21:14** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 300 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 81 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18-0.5** | **15-12-0868-2-A** | **12/10/15 07:50** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 14:02** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1254 | 1300 | 250 | 160 | 5.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18-N-0.5** | **15-12-0868-3-A** | **12/10/15 07:56** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 22:44** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 140 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 780 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 105 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18-S-0.5** | **15-12-0868-4-A** | **12/10/15 07:59** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 23:02** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 220 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 620 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 134 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

| J17K18-E-0.5 | 15-12-0868-5-A | 12/10/15 08:07 | Solid | GC 66 | 12/11/15 | 12/16/15 23:19 | 151211L12 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | 1300 | 500 | 320 | 10.0 | |
| Aroclor-1254 | 3400 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J17K18-W-0.5** | **15-12-0868-6-A** | **12/10/15 08:15** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 23:37** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 210 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 930 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 145 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 120 | 25-145 | |

| L19M20-0.5 | 15-12-0868-7-A | 12/10/15 08:32 | Solid | GC 66 | 12/11/15 | 12/16/15 23:55 | 151211L12 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 43 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 150 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 610 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 31 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 34 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 152 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K18L19-0.5** | **15-12-0868-8-A** | **12/10/15 08:42** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 00:13** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 430 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 3700 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 310 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 340 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 71 | 25-145 | |

| L16M17-.05 | 15-12-0868-9-A | 12/10/15 09:25 | Solid | GC 66 | 12/11/15 | 12/17/15 00:31 | 151211L12 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 60 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 250 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **L15M16-0.5** | **15-12-0868-10-A** | **12/10/15 09:30** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 00:49** | **151211L12** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | 94 | 50 | 32 | 1.00 | |
| Aroclor-1254 | 440 | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 123 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 106 | 25-145 | |

| Method Blank | 099-12-535-3562 | N/A | Solid | GC 66 | 12/11/15 | 12/16/15 16:16 | 151211L12 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 12/10/15
Work Order: 15-12-0868
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: UTC Canoga Park Concrete Assessment / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EB-121015** | **15-12-0868-11-A** | **12/10/15 10:55** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 19:23** | **151211L07** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 0.96 | 0.28 | 1.00 | |
| Aroclor-1221 | ND | 0.96 | 0.27 | 1.00 | |
| Aroclor-1232 | ND | 0.96 | 0.24 | 1.00 | |
| Aroclor-1242 | ND | 0.96 | 0.17 | 1.00 | |
| Aroclor-1248 | ND | 0.96 | 0.19 | 1.00 | |
| Aroclor-1254 | ND | 0.96 | 0.22 | 1.00 | |
| Aroclor-1260 | ND | 0.96 | 0.25 | 1.00 | |
| Aroclor-1262 | ND | 0.96 | 0.25 | 1.00 | |
| Aroclor-1268 | ND | 0.96 | 0.20 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 50-135 | |

| **Method Blank** | **099-12-533-1112** | **N/A** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 17:29** | **151211L07** |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 104 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 50-135 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/10/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0868 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J17K18-S-0.5** | **Sample** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 23:02** | **151211S12** |
| **J17K18-S-0.5** | **Matrix Spike** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 02:00** | **151211S12** |
| **J17K18-S-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 66** | **12/11/15** | **12/17/15 02:18** | **151211S12** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 164.7 | 165 | 193.7 | 194 | 50-135 | 16 | 0-20 | 3 |
| Aroclor-1260 | ND | 100.0 | 668.7 | 669 | 642.8 | 643 | 50-135 | 4 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 12/10/15 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 15-12-0868 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3562** | **LCS** | **Solid** | **GC 66** | **12/11/15** | **12/16/15 15:58** | **151211L12** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 103.5 | 103 | 50-135 | |
| Aroclor-1260 | 100.0 | 98.48 | 98 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS/LCSD

| | |
|---|---|
| Haley & Aldrich, Inc. | Date Received: 12/10/15 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: 15-12-0868 |
| Costa Mesa, CA 92626-3453 | Preparation: EPA 3510C |
| | Method: EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment / 32594-517 | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|---|
| **099-12-533-1112** | **LCS** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 16:54** | **151211L07** |
| **099-12-533-1112** | **LCSD** | **Aqueous** | **GC 66** | **12/11/15** | **12/15/15 17:12** | **151211L07** |

| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 2.000 | 2.011 | 101 | 2.392 | 120 | 50-135 | 17 | 0-25 | |
| Aroclor-1260 | 2.000 | 1.878 | 94 | 2.002 | 100 | 50-135 | 6 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 15-12-0868 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3510C | 944 | GC 66 | 1 |
| EPA 8082 | EPA 3540C | 669 | GC 66 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 15-12-0868 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 12-10-15 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | Page 1 of 1 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517

Sampler(s): (PRINT): Shannon Collinge, Kelly Hoggan

Special Instructions/ Conditions of Receipt: Equis EDD

**15-12-0868**

Contract/Purchase Order/Quote No.:

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | J16K17-0.5 | | 12-10-15 | 7:45 | 1 | | | | X | X | | | | | | | X |
| 2 | J17K18-0.5 | | 12-10-15 | 7:50 | 1 | | | | X | X | | | | | | | X |
| 3 | J17K18-N-0.5 | | 12-10-15 | 7:56 | 1 | | | | X | X | | | | | | | X |
| 4 | J17K18-S-0.5 | | 12-10-15 | 7:59 | 1 | | | | X | X | | | | | | | X |
| 5 | J17K18-E-0.5 | | 12-10-15 | 8:07 | 1 | | | | X | X | | | | | | | X |
| 6 | J17K18-W-0.5 | | 12-10-15 | 8:15 | 1 | | | | X | X | | | | | | | X |
| 7 | L19M20-0.5 | | 12-10-15 | 832 | 1 | | | | X | X | | | | | | | X |
| 8 | K18L19-0.5 | | 12-10-15 | 842 | 1 | | | | X | X | | | | | | | X |
| 9 | L16M17-0.5 | | 12-10-15 | 925 | 1 | | | | X | X | | | | | | | X |
| 10 | L15M16-0.5 | | 12-10-15 | 930 | 1 | | | | X | X | | | | | | | X |
| 11 | EB-121015 | | 12-10-15 | 10:55 | 1 | | X | | | X | | | | | | | X |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: Kelly Hoggan | 12/10/15 | 11:20 | 1. Received By: (DCS) | 12/10/15 | 11:20 |
| 2. Relinquished By: (DCS) | 12/10/15 | 1852 | 2. Received By: ECI | 121015 | 1852 |
| 3. Relinquished By: | Date | Time | 3. Received By: | Date | Time |

Comments:



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WORK ORDER NUMBER: 15-12-0868

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 12 / 10 / 2015

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 4.1 °C (w/ CF): 3.7 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 965

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 965

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 965

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# WORK ORDER NUMBER: 16-01-1103

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 01/27/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Work Order Number: 16-01-1103


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# Work Order Narrative

Work Order: 16-01-1103 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 01/18/16. They were assigned to Work Order 16-01-1103.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-01-1103
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
PO Number:
Date/Time Received: 01/18/16 18:13
Number of Containers: 10

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| J24K25A-0.25 | 16-01-1103-1 | 01/18/16 10:31 | 1 | Solid |
| J24K25A-0.75 | 16-01-1103-2 | 01/18/16 10:47 | 1 | Solid |
| J24K25A-N2-0.25 | 16-01-1103-3 | 01/18/16 13:45 | 1 | Solid |
| J24K25A-N2-0.75 | 16-01-1103-4 | 01/18/16 14:25 | 1 | Solid |
| J24K25A-W2-0.25 | 16-01-1103-5 | 01/18/16 13:56 | 1 | Solid |
| J24K25A-W2-0.75 | 16-01-1103-6 | 01/18/16 14:20 | 1 | Solid |
| J24K25A-E2-0.25 | 16-01-1103-7 | 01/18/16 13:35 | 1 | Solid |
| J24K25A-E2-0.75 | 16-01-1103-8 | 01/18/16 14:30 | 1 | Solid |
| J24K25A-E2-0.25-DUP | 16-01-1103-9 | 01/18/16 13:39 | 1 | Solid |
| EB-011816 | 16-01-1103-10 | 01/18/16 14:45 | 1 | Aqueous |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 16-01-1103 |
| | | Project Name: | UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 |
| | | Received: | 01/18/16 |
| Attn: | Kelly Hoggan | | Page 1 of 1 |

| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J24K25A-0.25 (16-01-1103-1) | | | | | | |
| Aroclor-1248 | 740 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-0.75 (16-01-1103-2) | | | | | | |
| Aroclor-1248 | 22000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 23000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 8600 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-0.25** | **16-01-1103-1-A** | **01/18/16 10:31** | **Solid** | **GC 31** | **01/25/16** | **01/26/16 21:15** | **160125L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | 740 | 500 | 320 | 10.0 | |
| Aroclor-1254 | ND | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

| J24K25A-0.75 | 16-01-1103-2-A | 01/18/16 10:47 | Solid | GC 31 | 01/19/16 | 01/22/16 14:02 | 160119L18 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1900 | 50.0 | |
| Aroclor-1248 | 22000 | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 23000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | 8600 | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 143 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3594** | **N/A** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 12:10** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3604** | **N/A** | **Solid** | **GC 31** | **01/25/16** | **01/26/16 20:37** | **160125L14** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 98 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EB-011816** | **16-01-1103-10-A** | **01/18/16 14:45** | **Aqueous** | **GC 31** | **01/20/16** | **01/21/16 17:18** | **160120L03** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 0.96 | 0.28 | 1.00 | |
| Aroclor-1221 | ND | 0.96 | 0.27 | 1.00 | |
| Aroclor-1232 | ND | 0.96 | 0.24 | 1.00 | |
| Aroclor-1242 | ND | 0.96 | 0.17 | 1.00 | |
| Aroclor-1248 | ND | 0.96 | 0.19 | 1.00 | |
| Aroclor-1254 | ND | 0.96 | 0.22 | 1.00 | |
| Aroclor-1260 | ND | 0.96 | 0.25 | 1.00 | |
| Aroclor-1262 | ND | 0.96 | 0.25 | 1.00 | |
| Aroclor-1268 | ND | 0.96 | 0.20 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 101 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 50-135 | |

| Method Blank | 099-12-533-1128 | N/A | Aqueous | GC 31 | 01/20/16 | 01/21/16 16:21 | 160120L03 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 67 | 50-135 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J24K25A-0.75** | **Sample** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 14:02** | **160119S18** |
| **J24K25A-0.75** | **Matrix Spike** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 13:05** | **160119S18** |
| **J24K25A-0.75** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 13:24** | **160119S18** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 3567 | 71 | 3577 | 72 | 50-135 | 0 | 0-20 | |
| Aroclor-1260 | 8575 | 5000 | 7020 | 0 | 7136 | 0 | 50-135 | 2 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 01/18/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-01-1103 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **16-01-1095-21** | **Sample** | **Solid** | **GC 31** | **01/25/16** | **01/27/16 11:29** | **160125S14** |
| **16-01-1095-21** | **Matrix Spike** | **Solid** | **GC 31** | **01/25/16** | **01/26/16 21:34** | **160125S14** |
| **16-01-1095-21** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **01/25/16** | **01/26/16 21:53** | **160125S14** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 485.5 | 485 | 369.2 | 369 | 50-135 | 27 | 0-20 | 3,4 |
| Aroclor-1260 | 929.1 | 100.0 | 1016 | 87 | 982.8 | 54 | 50-135 | 3 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3594** | **LCS** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 11:51** | **160119L18** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 99.54 | 100 | 50-135 | |
| Aroclor-1260 | 100.0 | 99.54 | 100 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 01/18/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-01-1103 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 3 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3604** | **LCS** | **Solid** | **GC 31** | **01/25/16** | **01/26/16 20:56** | **160125L14** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 105.1 | 105 | 50-135 | |
| Aroclor-1260 | 100.0 | 106.8 | 107 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS/LCSD

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3510C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|---|
| **099-12-533-1128** | **LCS** | **Aqueous** | **GC 31** | **01/20/16** | **01/21/16 16:40** | **160120L03** |
| **099-12-533-1128** | **LCSD** | **Aqueous** | **GC 31** | **01/20/16** | **01/21/16 16:59** | **160120L03** |

| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 2.000 | 2.026 | 101 | 2.006 | 100 | 50-135 | 1 | 0-25 | |
| Aroclor-1260 | 2.000 | 2.148 | 107 | 1.981 | 99 | 50-135 | 8 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 16-01-1103 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3510C | 944 | GC 31 | 1 |
| EPA 8082 | EPA 3540C | 944 | GC 31 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 16-01-1103 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 1/18/16 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | **16-01-1103** | Page 1 of 1 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge | | | |

Special Instructions/ Conditions of Receipt

**Equis EDD**
**Lab Data Distribution:** Kelly Hoggan, Lissa Miller, Tom Tatnall, Melanie Satanek
**Invoice Distribution:** Kelly Hoggan

Contract/Purchase Order/Quote No.

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | J24K25A – 0.25 | | 1/18/16 | 10:31 | 1 | | | | X | X | | | | | | | X | |
| 2 | J24K25A – 0.75 | | 1/18/16 | 10:47 | 1 | | | | X | X | | | | | | | X | |
| 3 | J24K25A – N2 – 0.25 | | 1/18/16 | 1345 | 1 | | | | X | X | | | | | | | | X |
| 4 | J24K25A – N2 – 0.75 | | 1/18/16 | 1425 | 1 | | | | X | X | | | | | | | | X |
| 5 | J24K25A – W2 – 0.25 | | 1/18/16 | 1356 | 1 | | | | X | X | | | | | | | | X |
| 6 | J24K25A – W2 – 0.75 | | 1/18/16 | 1420 | 1 | | | | X | X | | | | | | | | X |
| 7 | J24K25A – E2 – 0.25 | | 1/18/16 | 1335 | 1 | | | | X | X | | | | | | | | X |
| 8 | J24K25A – E2 – 0.75 | | 1/18/16 | 1430 | 1 | | | | X | X | | | | | | | | X |
| 9 | J24K25A – E2 – 0.25 – Dup | | 1/18/16 | 1339 | 1 | | | | X | X | | | | | | | | X |
| 10 | EB – 011816 | | 1/18/16 | 1445 | 1 | | X | | | X | | | | | | | X | |

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify)

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By | 1/18/16 | 1625 | 1. Received By ECI | 1/18/16 | 1625 |
| 2. Relinquished By | 1/18/16 | 1820 | 2. Received By ECI | 011816 | 1813 |
| 3. Relinquished By | | | 3. Received By | | |

Comments



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WORK ORDER NUMBER: 16-01- 1103

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 01 / 18 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3 (CF:+0.3°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.3 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 820

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 965

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 963

Reviewed by: 689



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Supplemental Report 1

Additional requested analyses are reported as a stand-alone report.

# WORK ORDER NUMBER: 16-01-1103

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 01/29/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Work Order Number: 16-01-1103


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# Work Order Narrative

Work Order: 16-01-1103 Page 1 of 1

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 01/18/16. They were assigned to Work Order 16-01-1103.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# Sample Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 16-01-1103 |
| | | Project Name: | UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 |
| | | PO Number: | |
| | | Date/Time Received: | 01/18/16 18:13 |
| | | Number of Containers: | 10 |
| Attn: | Kelly Hoggan | | |

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| J24K25A-N2-0.75 | 16-01-1103-4 | 01/18/16 14:25 | 1 | Solid |
| J24K25A-W2-0.75 | 16-01-1103-6 | 01/18/16 14:20 | 1 | Solid |
| J24K25A-E2-0.75 | 16-01-1103-8 | 01/18/16 14:30 | 1 | Solid |

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# Detections Summary

| | | | |
|---|---|---|---|
| Client: | Haley & Aldrich, Inc.<br>3187 Red Hill Avenue, Suite 155<br>Costa Mesa, CA 92626-3453 | Work Order: | 16-01-1103 |
| | | Project Name: | UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 |
| | | Received: | 01/18/16 |
| Attn: | Kelly Hoggan | | Page 1 of 1 |

| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| J24K25A-N2-0.75 (16-01-1103-4) | | | | | | |
| Aroclor-1248 | 1400 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 6200 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 5200 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-W2-0.75 (16-01-1103-6) | | | | | | |
| Aroclor-1248 | 1100 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 11000 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 8400 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-E2-0.75 (16-01-1103-8) | | | | | | |
| Aroclor-1248 | 4200 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1254 | 19000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 9700 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-N2-0.75** | **16-01-1103-4-A** | **01/18/16 14:25** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 11:23** | **160127L20** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1000 | 420 | 20.0 | |
| Aroclor-1221 | ND | 1000 | 840 | 20.0 | |
| Aroclor-1232 | ND | 1000 | 500 | 20.0 | |
| Aroclor-1242 | ND | 1000 | 740 | 20.0 | |
| Aroclor-1248 | 1400 | 1000 | 630 | 20.0 | |
| Aroclor-1254 | 6200 | 1000 | 630 | 20.0 | |
| Aroclor-1260 | 5200 | 1000 | 610 | 20.0 | |
| Aroclor-1262 | ND | 1000 | 690 | 20.0 | |
| Aroclor-1268 | ND | 1000 | 670 | 20.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-W2-0.75** | **16-01-1103-6-A** | **01/18/16 14:20** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 11:41** | **160127L20** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1000 | 420 | 20.0 | |
| Aroclor-1221 | ND | 1000 | 850 | 20.0 | |
| Aroclor-1232 | ND | 1000 | 500 | 20.0 | |
| Aroclor-1242 | ND | 1000 | 740 | 20.0 | |
| Aroclor-1248 | 1100 | 1000 | 640 | 20.0 | |
| Aroclor-1254 | 11000 | 1000 | 630 | 20.0 | |
| Aroclor-1260 | 8400 | 1000 | 610 | 20.0 | |
| Aroclor-1262 | ND | 1000 | 690 | 20.0 | |
| Aroclor-1268 | ND | 1000 | 670 | 20.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 123 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 100 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-E2-0.75** | **16-01-1103-8-A** | **01/18/16 14:30** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 11:59** | **160127L20** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1800 | 50.0 | |
| Aroclor-1248 | 4200 | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 19000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | 9700 | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 132 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

| Method Blank | 099-12-535-3606 | N/A | Solid | GC 58 | 01/27/16 | 01/29/16 10:47 | 160127L20 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **J24K25A-N2-0.75** | **Sample** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 11:23** | **160127S20** |
| **J24K25A-N2-0.75** | **Matrix Spike** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 12:17** | **160127S20** |
| **J24K25A-N2-0.75** | **Matrix Spike Duplicate** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 12:35** | **160127S20** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2000 | 468.2 | 23 | 465.0 | 23 | 50-135 | 1 | 0-20 | 3 |
| Aroclor-1260 | 5163 | 2000 | 4547 | 0 | 4639 | 0 | 50-135 | 2 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1103
Preparation: EPA 3540C
Method: EPA 8082

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3606** | **LCS** | **Solid** | **GC 58** | **01/27/16** | **01/29/16 11:05** | **160127L20** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 104.9 | 105 | 50-135 | |
| Aroclor-1260 | 100.0 | 107.7 | 108 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 16-01-1103 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3540C | 944 | GC 58 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 16-01-1103 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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## Virendra Patel

**From:** Hoggan, Kelly <KHoggan@haleyaldrich.com>
**Sent:** Wednesday, January 27, 2016 4:32 PM
**To:** Virendra Patel
**Subject:** Additional Analyses for 16-01-1103

Hi Virendra,

Please run the following three samples for PCBs w/ soxhlet extraction. Will you be able to have results by Friday for us to make a decision for additional samples to be run within the hold time?

| | | | |
|---|---|---|---|
| J24K25A-N2-0.75 | 16-01-1103-4 | 01/18/16 14:25 | 1 Solid |
| J24K25A-W2-0.75 | 16-01-1103-6 | 01/18/16 14:20 | 1 Solid |
| J24K25A-E2-0.75 | 16-01-1103-8 | 01/18/16 14:30 | 1 Solid |

Thanks!

**Kelly Hoggan, PG**
Assistant Project Manager
Geologist

**Haley & Aldrich, Inc.**
3187 Red Hill Avenue | Suite 155
Costa Mesa, CA 92626

T: (714) 371.1828
C: (714) 709.3072

www.haleyaldrich.com

Notify us here to report this email as spam.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 1/18/16 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 16-01-1103 | Page 1 of 1 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge | | | |

**Special Instructions/ Conditions of Receipt**

**Equis EDD**
**Lab Data Distribution:** Kelly Hoggan, Lissa Miller, Tom Tatnall, Melanie Satanek
**Invoice Distribution:** Kelly Hoggan

Contract/Purchase Order/Quote No.

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives/Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | J24K25A – 0.25 | | 1/18/16 | 10:31 | 1 | | | | X | X | | | | | | | X | |
| 2 | J24K25A – 0.75 | | 1/18/16 | 10:47 | 1 | | | | X | X | | | | | | | X | |
| 3 | J24K25A – N2 – 0.25 | | 1/18/16 | 1345 | 1 | | | | X | X | | | | | | | | X |
| 4 | J24K25A – N2 – 0.75 | | 1/18/16 | 1425 | 1 | | | | X | X | | | | | | | | X |
| 5 | J24K25A – W2 – 0.25 | | 1/18/16 | 1356 | 1 | | | | X | X | | | | | | | | X |
| 6 | J24K25A – W2 – 0.75 | | 1/18/16 | 1420 | 1 | | | | X | X | | | | | | | | X |
| 7 | J24K25A – E2 – 0.25 | | 1/18/16 | 1335 | 1 | | | | X | X | | | | | | | | X |
| 8 | J24K25A – E2 – 0.75 | | 1/18/16 | 1430 | 1 | | | | X | X | | | | | | | | X |
| 9 | J24K25A – E2 – 0.25 – Dup | | 1/18/16 | 1339 | 1 | | | | X | X | | | | | | | | X |
| 10 | EB – 011816 | | 1/18/16 | 1445 | 1 | | X | | | X | | | | | | | X | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Date | Time |
|---|---|---|
| 1. Relinquished By | 1/18/16 | 1625 |
| 2. Relinquished By | 1/18/16 | 1820 |
| 3. Relinquished By | | |

| | Date | Time |
|---|---|---|
| 1. Received By ECI | 1/18/16 | 1625 |
| 2. Received By ECI | 011816 | 1813 |
| 3. Received By | | |

**Comments**



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WORK ORDER NUMBER: 16-01- 1103

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 01 / 18 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3 (CF:+0.3°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.3 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 820

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 965

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☑ | ☐ | ☐ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 963

Reviewed by: 689



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# WORK ORDER NUMBER: 16-01-1104

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 01/26/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Work Order Number: 16-01-1104


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# Work Order Narrative

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**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 01/18/16. They were assigned to Work Order 16-01-1104.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# CASE NARRATIVE

## Eurofins Calscience Work Order 16-01-1104

**EPA Method 8082 PCBs:**

| Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 8082** | |
| Batch # | Analytes(s) |
| 160119S18 | Aroclor-1260[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-01-1104
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
PO Number:
Date/Time Received: 01/18/16 18:13
Number of Containers: 28

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| E26F29A-E2 | 16-01-1104-1 | 01/18/16 08:55 | 1 | Solid |
| E26F29A-E3 | 16-01-1104-2 | 01/18/16 09:05 | 1 | Solid |
| E26F29A-E4 | 16-01-1104-3 | 01/18/16 09:10 | 1 | Solid |
| E26F29A-N2 | 16-01-1104-4 | 01/18/16 09:20 | 1 | Solid |
| E26F29A-N3 | 16-01-1104-5 | 01/18/16 09:30 | 1 | Solid |
| E26F29A-N4 | 16-01-1104-6 | 01/18/16 09:35 | 1 | Solid |
| E26F29A-W2 | 16-01-1104-7 | 01/18/16 09:40 | 1 | Solid |
| E26F29A-W3 | 16-01-1104-8 | 01/18/16 09:45 | 1 | Solid |
| E26F29A-W4 | 16-01-1104-9 | 01/18/16 09:50 | 1 | Solid |
| E26F29A-N2-DUP | 16-01-1104-10 | 01/18/16 09:25 | 1 | Solid |
| F26G29-W | 16-01-1104-11 | 01/18/16 11:03 | 1 | Solid |
| F26G29-W2 | 16-01-1104-12 | 01/18/16 11:08 | 1 | Solid |
| F26G29-N | 16-01-1104-13 | 01/18/16 11:14 | 1 | Solid |
| F26G29-N2 | 16-01-1104-14 | 01/18/16 11:17 | 1 | Solid |
| F26G29-S | 16-01-1104-15 | 01/18/16 11:32 | 1 | Solid |
| F26G29-S2 | 16-01-1104-16 | 01/18/16 11:36 | 1 | Solid |
| F26G29-E | 16-01-1104-17 | 01/18/16 11:23 | 1 | Solid |
| F26G29-E2 | 16-01-1104-18 | 01/18/16 11:27 | 1 | Solid |
| J24K25A-W2 | 16-01-1104-19 | 01/18/16 12:53 | 1 | Solid |
| J24K25A-W3 | 16-01-1104-20 | 01/18/16 13:00 | 1 | Solid |
| J24K25A-W4 | 16-01-1104-21 | 01/18/16 13:05 | 1 | Solid |
| J24K25A-N2 | 16-01-1104-22 | 01/18/16 12:35 | 1 | Solid |
| J24K25A-N3 | 16-01-1104-23 | 01/18/16 12:38 | 1 | Solid |
| J24K25A-N4 | 16-01-1104-24 | 01/18/16 12:41 | 1 | Solid |
| J24K25A-E2 | 16-01-1104-25 | 01/18/16 13:12 | 1 | Solid |
| J24K25A-E3 | 16-01-1104-26 | 01/18/16 13:15 | 1 | Solid |
| J24K25A-E4 | 16-01-1104-27 | 01/18/16 13:18 | 1 | Solid |
| J24K25A-W2-DUP | 16-01-1104-28 | 01/18/16 12:56 | 1 | Solid |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-01-1104
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 01/18/16

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| E26F29A-E2 (16-01-1104-1) | | | | | | |
| Aroclor-1254 | 13000 | | 1000 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-N2 (16-01-1104-4) | | | | | | |
| Aroclor-1254 | 7800 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-W2 (16-01-1104-7) | | | | | | |
| Aroclor-1254 | 15000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| E26F29A-N2-DUP (16-01-1104-10) | | | | | | |
| Aroclor-1254 | 6600 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| F26G29-W (16-01-1104-11) | | | | | | |
| Aroclor-1254 | 16000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| F26G29-N (16-01-1104-13) | | | | | | |
| Aroclor-1254 | 16000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| F26G29-S (16-01-1104-15) | | | | | | |
| Aroclor-1254 | 23000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| F26G29-E (16-01-1104-17) | | | | | | |
| Aroclor-1254 | 31000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-W2 (16-01-1104-19) | | | | | | |
| Aroclor-1254 | 18000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-N2 (16-01-1104-22) | | | | | | |
| Aroclor-1254 | 3100 | | 500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-E2 (16-01-1104-25) | | | | | | |
| Aroclor-1254 | 4600 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |
| J24K25A-W2-DUP (16-01-1104-28) | | | | | | |
| Aroclor-1254 | 21000 | | 2500 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-E2** | **16-01-1104-1-A** | **01/18/16 08:55** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 21:09** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 1000 | 420 | 20.0 | |
| Aroclor-1221 | ND | 1000 | 850 | 20.0 | |
| Aroclor-1232 | ND | 1000 | 510 | 20.0 | |
| Aroclor-1242 | ND | 1000 | 750 | 20.0 | |
| Aroclor-1248 | ND | 1000 | 640 | 20.0 | |
| Aroclor-1254 | 13000 | 1000 | 640 | 20.0 | |
| Aroclor-1260 | ND | 1000 | 610 | 20.0 | |
| Aroclor-1262 | ND | 1000 | 700 | 20.0 | |
| Aroclor-1268 | ND | 1000 | 670 | 20.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 111 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-N2** | **16-01-1104-4-A** | **01/18/16 09:20** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 21:28** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 7800 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 123 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 114 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **E26F29A-W2** | **16-01-1104-7-A** | **01/18/16 09:40** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 21:47** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1800 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 15000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 149 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 107 | 25-145 | |

| E26F29A-N2-DUP | 16-01-1104-10-A | 01/18/16 09:25 | Solid | GC 31 | 01/19/16 | 01/22/16 17:13 | 160119L18 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 420 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 6600 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 300 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 330 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 104 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29-W** | **16-01-1104-11-A** | **01/18/16 11:03** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 22:06** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1900 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 16000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 138 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 119 | 25-145 | |

| F26G29-N | 16-01-1104-13-A | 01/18/16 11:14 | Solid | GC 31 | 01/19/16 | 01/22/16 22:25 | 160119L18 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1800 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 16000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 118 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **F26G29-S** | **16-01-1104-15-A** | **01/18/16 11:32** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 22:44** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1900 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 23000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 160 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 144 | 25-145 | |

| F26G29-E | 16-01-1104-17-A | 01/18/16 11:23 | Solid | GC 31 | 01/19/16 | 01/22/16 23:03 | 160119L18 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1900 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 31000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 144 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 127 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-W2** | **16-01-1104-19-A** | **01/18/16 12:53** | **Solid** | **GC 31** | **01/19/16** | **01/23/16 00:00** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1800 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 18000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 114 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 133 | 25-145 | |

| J24K25A-N2 | 16-01-1104-22-A | 01/18/16 12:35 | Solid | GC 31 | 01/19/16 | 01/22/16 19:07 | 160119L18 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 500 | 210 | 10.0 | |
| Aroclor-1221 | ND | 500 | 430 | 10.0 | |
| Aroclor-1232 | ND | 500 | 250 | 10.0 | |
| Aroclor-1242 | ND | 500 | 370 | 10.0 | |
| Aroclor-1248 | ND | 500 | 320 | 10.0 | |
| Aroclor-1254 | 3100 | 500 | 320 | 10.0 | |
| Aroclor-1260 | ND | 500 | 310 | 10.0 | |
| Aroclor-1262 | ND | 500 | 350 | 10.0 | |
| Aroclor-1268 | ND | 500 | 340 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 68 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 100 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **J24K25A-E2** | **16-01-1104-25-A** | **01/18/16 13:12** | **Solid** | **GC 31** | **01/19/16** | **01/23/16 00:19** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1900 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 4600 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 100 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 128 | 25-145 | |

| J24K25A-W2-DUP | 16-01-1104-28-A | 01/18/16 12:56 | Solid | GC 31 | 01/19/16 | 01/23/16 00:38 | 160119L18 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 2500 | 1000 | 50.0 | |
| Aroclor-1221 | ND | 2500 | 2100 | 50.0 | |
| Aroclor-1232 | ND | 2500 | 1300 | 50.0 | |
| Aroclor-1242 | ND | 2500 | 1900 | 50.0 | |
| Aroclor-1248 | ND | 2500 | 1600 | 50.0 | |
| Aroclor-1254 | 21000 | 2500 | 1600 | 50.0 | |
| Aroclor-1260 | ND | 2500 | 1500 | 50.0 | |
| Aroclor-1262 | ND | 2500 | 1700 | 50.0 | |
| Aroclor-1268 | ND | 2500 | 1700 | 50.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 118 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 140 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 01/18/16
Work Order: 16-01-1104
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3594** | **N/A** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 12:10** | **160119L18** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 96 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 01/18/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-01-1104 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3540C |
| | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **16-01-1103-2** | **Sample** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 14:02** | **160119S18** |
| **16-01-1103-2** | **Matrix Spike** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 13:05** | **160119S18** |
| **16-01-1103-2** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 13:24** | **160119S18** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 3567 | 71 | 3577 | 72 | 50-135 | 0 | 0-20 | |
| Aroclor-1260 | 8575 | 5000 | 7020 | 0 | 7136 | 0 | 50-135 | 2 | 0-20 | 3 |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 01/18/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-01-1104 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 1 of 1 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3594** | **LCS** | **Solid** | **GC 31** | **01/19/16** | **01/22/16 11:51** | **160119L18** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 99.54 | 100 | 50-135 | |
| Aroclor-1260 | 100.0 | 99.54 | 100 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 16-01-1104 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 8082 | EPA 3540C | 960 | GC 31 | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 16-01-1104 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 1/18/16 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 16-01-1104 | Page 1 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | **Analysis** | **Special Instructions/ Conditions of Receipt** |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | Equis EDD<br>**Lab Data Distribution:** Kelly Hoggan, Lissa Miller, Tom Tatnall, Melanie Satanek<br>**Invoice Distribution:** Kelly Hoggan |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge | | | |

| | Contract/Purchase Order/Quote No. | | Sampling | | No. of Cont. | Matrix | | | | Preservatives Containers | | | | | | | PCBs EPA 8082/3540C – Soxhlet Extraction required | P91 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample I.D. | Field Point Name (For COELT EDF) | Date | Time | | Air | Water | Sed. | Soil | Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | $ZnAc_2$+ NaOH | $H_3PO_4$ | | | | | | | | | | |
| 1 | E26F29A-E2 | | 1/18/16 | 855 | 1 | | | | X | X | | | | | | | X | | | | | | | | | |
| 2 | E26F29A-E3 | | 1/18/16 | 905 | 1 | | | | X | X | | | | | | | X | X | | | | | | | | |
| 3 | E26F29A-E4 | | 1/18/16 | 910 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |
| 4 | E26F29A-N2 | | 1/18/16 | 920 | 1 | | | | X | X | | | | | | | X | | | | | | | | | |
| 5 | E26F29A-N3 | | 1/18/16 | 930 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |
| 6 | E26F29A-N4 | | 1/18/16 | 935 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |
| 7 | E26F29A-W2 | | 1/18/16 | 940 | 1 | | | | X | X | | | | | | | X | | | | | | | | | |
| 8 | E26F29A-W3 | | 1/18/16 | 945 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |
| 9 | E26F29A-W4 | | 1/18/16 | 950 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |
| 10 | E26F29A-N2-Dup | | 1/18/16 | 925 | 1 | | | | X | X | | | | | | | X | | | | | | | | | |
| 11 | F26G29-W | | 1/18/16 | 1103 | 1 | | | | X | X | | | | | | | X | | | | | | | | | |
| 12 | F26G29-W2 | | 1/18/16 | 1108 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |
| 13 | F26G29-N | | 1/18/16 | 1114 | 1 | | | | X | X | | | | | | | X | | | | | | | | | |
| 14 | F26G29-N2 | | 1/18/16 | 1117 | 1 | | | | X | X | | | | | | | | X | | | | | | | | |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By | 1/18/16 | 1625 | 1. Received By | 1/18/16 | 1625 |
| 2. Relinquished By | 1/18/16 | 1820 | 2. Received By ECI | 011816 | 1813 |
| 3. Relinquished By | | | 3. Received By | | |

**Comments**



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 1/18/16 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 16-01-1104 | Page 2 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594-517 | Shannon Collinge | | | |

**Special Instructions/ Conditions of Receipt**

**Equis EDD**
**Lab Data Distribution:** Kelly Hoggan, Lissa Miller, Tom Tatnall, Melanie Satanek
**Invoice Distribution:** Kelly Hoggan

| | Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Sed. | Soil | Preservatives/Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | 1614 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | F26G29-S | | 1/18/16 | 1132 | 1 | | | | X | X | | | | | | | X | |
| 16 | F26G29-S2 | | 1/18/16 | 1136 | 1 | | | | X | X | | | | | | | | X |
| 17 | F26G29-E | | 1/18/16 | 1123 | 1 | | | | X | X | | | | | | | X | |
| 18 | F26G29-E2 | | 1/18/16 | 1127 | 1 | | | | X | X | | | | | | | | X |
| 19 | J24K25A-W2 | | 1/18/16 | 1253 | 1 | | | | X | X | | | | | | | X | |
| 20 | J24K25A-W3 | | 1/18/16 | 1300 | 1 | | | | X | X | | | | | | | | X |
| 21 | J24K25A-W4 | | 1/18/16 | 1305 | 1 | | | | X | X | | | | | | | | X |
| 22 | J24K25A-N2 | | 1/18/16 | 1235 | 1 | | | | X | X | | | | | | | X | |
| 23 | J24K25A-N3 | | 1/18/16 | 1238 | 1 | | | | X | X | | | | | | | | X |
| 24 | J24K25A-N4 | | 1/18/16 | 1241 | 1 | | | | X | X | | | | | | | | X |
| 25 | J24K25A-E2 | | 1/18/16 | 1312 | 1 | | | | X | X | | | | | | | X | |
| 26 | J24K25A-E3 | | 1/18/16 | 1315 | 1 | | | | X | X | | | | | | | | X |
| 27 | J24K25A-E4 | | 1/18/16 | 1318 | 1 | | | | X | X | | | | | | | | X |
| 28 | J24K25A-W2-Dup | | 1/18/16 | 1256 | | | | | | | | | | | | | X | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Date | Time |
|---|---|---|
| 1. Relinquished By | 1/18/16 | 1625 |
| 2. Relinquished By | 1/18/16 | 1820 |
| 3. Relinquished By | | |

| | Date | Time |
|---|---|---|
| 1. Received By | 1/18/16 | 1625 |
| 2. Received By ECI | 011816 | 1813 |
| 3. Received By | | |

**Comments**



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WORK ORDER NUMBER: 16-01- 1104

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich

DATE: 01 / 18 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3 (CF:+0.3°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.3 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 820

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 915

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☐ | ☑ | ☐ |
| ☐ Sampling date ☐ Sampling time ☑ Matrix (-28) ☑ Number of containers (-26) | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☐ | ☑ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☐ | ☐ | ☑ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☐ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 915

Reviewed by: 619

(-28) matrix: solid, 1 container



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WORK ORDER NUMBER: 16-01- 1104

# SAMPLE ANOMALY REPORT

DATE: 01 / 18 / 2016

## SAMPLES, CONTAINERS, AND LABELS:

**Comments**

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

Sample ID per label is:
(-20) J24K25-W3
(-24) J24K25-N4
(-28) J24K25-W2-DUP
Collection date & time matched.

## MISCELLANEOUS: (Describe)

**Comments**

## HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

| ECI Sample ID | ECI Container ID | Total Number** | ECI Sample ID | ECI Container ID | Total Number** |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

(Containers with bubble for other analysis)

| ECI Sample ID | ECI Container ID | Total Number** | Requested Analysis |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

Comments: _____

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

Reported by: 965

Reviewed by: 689



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# WORK ORDER NUMBER: 16-05-1183

*The difference is service*

AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** Haley & Aldrich, Inc.

**Client Project Name:** UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517

**Attention:** Kelly Hoggan
3187 Red Hill Avenue
Suite 155
Costa Mesa, CA 92626-3453

Approved for release on 06/03/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Work Order Number: 16-05-1183


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# Work Order Narrative

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**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 05/16/16. They were assigned to Work Order 16-05-1183.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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# CASE NARRATIVE

## Eurofins Calscience Work Order 16-05-1183

**EPA Method 6010B Total Metals:**

| Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 6010B** | |
| Batch # | Analytes(s) |
| 160506S03 | Antimony[3] and Barium[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

**EPA Method 8260B Volatile Organics:**

| Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 8260B** | |
| Batch # | Analytes(s) |
| 160518S001 | 1,1,2,2-Tetrachloroethane[34], Tetrachloroethene[3], Trichloroethene[3], Vinyl Acetate[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

**EPA Method 8270C Semi-Volatile Organics:**

| Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits | |
|---|---|
| **EPA Method 8270C** | |
| Batch # | Analytes(s) |
| 160526S05 | 2,6-Dichlorophenol[3] |

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

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| Table D: Laboratory Control (LCS) / LCS Duplicate (LCSD) outside acceptable limits | |
|---|---|
| **EPA Method 8270C** | |
| Batch # | Analytes(s) |
| 160520L10 | 2,6-Dichlorophenol[ME] and Benzoic Acid[ME] |
| 160526L05 | 2,6-Dichlorophenol[ME] |

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

The samples associated with the above LCS/LCSD were non-detect and therefore, the data has been released without any further action or qualification.

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# Sample Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
PO Number:
Date/Time Received: 05/16/16 18:05
Number of Containers: 19

Attn: Kelly Hoggan

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---|---|---|---|---|
| AB8AC9 | 16-05-1183-1 | 05/16/16 08:35 | 1 | Concrete |
| AB8AC9-0.5 | 16-05-1183-2 | 05/16/16 08:42 | 1 | Solid |
| AD5AE6 | 16-05-1183-3 | 05/16/16 09:00 | 1 | Concrete |
| AD5AE6-0.5 | 16-05-1183-4 | 05/16/16 09:08 | 1 | Solid |
| AC12AD13 | 16-05-1183-5 | 05/16/16 09:18 | 1 | Concrete |
| AC12AD13-0.5 | 16-05-1183-6 | 05/16/16 09:27 | 1 | Solid |
| AB14AC15 | 16-05-1183-7 | 05/16/16 09:37 | 1 | Concrete |
| AB14AC15-0.5 | 16-05-1183-8 | 05/16/16 09:51 | 1 | Solid |
| A1C2 | 16-05-1183-9 | 05/16/16 10:58 | 1 | Concrete |
| A1C2-0.5 | 16-05-1183-10 | 05/16/16 11:11 | 1 | Solid |
| D32E33 | 16-05-1183-11 | 05/16/16 11:33 | 1 | Concrete |
| D32E33-0.5 | 16-05-1183-12 | 05/16/16 11:45 | 1 | Solid |
| G31H32 | 16-05-1183-13 | 05/16/16 11:54 | 1 | Concrete |
| G31H32-0.5 | 16-05-1183-14 | 05/16/16 12:15 | 1 | Solid |
| G31H32-0.5-Dup | 16-05-1183-15 | 05/16/16 12:20 | 1 | Solid |
| H31J32 | 16-05-1183-16 | 05/16/16 12:29 | 1 | Concrete |
| H31J32-0.5 | 16-05-1183-17 | 05/16/16 12:38 | 1 | Solid |
| K30L31 | 16-05-1183-18 | 05/16/16 12:49 | 1 | Concrete |
| K30L31-0.5 | 16-05-1183-19 | 05/16/16 13:10 | 1 | Solid |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AB8AC9 (16-05-1183-1) | | | | | | |
| Arsenic | 5.51 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 67.0 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.187 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.339 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 5.01 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.30 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 22.8 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 8.97 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.412 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 4.75 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.275 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 12.7 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 43.4 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 940 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.994 | | 0.0847 | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 10 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Carbon Disulfide | 0.61 | J | 0.31* | ug/kg | EPA 8260B | EPA 5030C |
| 1,1-Dichloroethene | 0.48 | J | 0.36* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.1 | J | 0.84* | ug/kg | EPA 8260B | EPA 5030C |
| Trichlorofluoromethane | 0.59 | J | 0.39* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AD5AE6 (16-05-1183-3) | | | | | | |
| Arsenic | 8.00 | | 0.785 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 161 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.215 | J | 0.143* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.361 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.02 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.11 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 8.66 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 0.570 | | 0.524 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.324 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.83 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.341 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.177 | J | 0.159* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 15.7 | | 0.262 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 26.6 | | 1.05 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 3400 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0159 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| Acetone | 9.2 | J | 6.3* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AC12AD13 (16-05-1183-5) | | | | | | |
| Arsenic | 8.30 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 257 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.261 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.387 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 9.50 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.72 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 11.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.98 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.678 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.07 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.328 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.6 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 27.2 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 510 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0160 | J | 0.00607* | mg/kg | EPA 7471A | EPA 7471A Total |
| C8 | 2.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 20 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C11-C12 | 8.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.3 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 3.7 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 1.8 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 42 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 8.0 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Dimethyl Phthalate | 0.12 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |
| Isophorone | 9.3 | | 0.50 | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| AB14AC15 (16-05-1183-7) | | | | | | |
| Arsenic | 8.66 | | 0.746 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 103 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.205 | J | 0.136* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.332 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.2 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.95 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 28.8 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.55 | | 0.498 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.430 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 7.95 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.363 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.378 | J | 0.151* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 18.9 | | 0.249 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 50.0 | | 0.995 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2000 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.155 | | 0.0862 | mg/kg | EPA 7471A | EPA 7471A Total |
| Benzyl Alcohol | 0.17 | J | 0.066* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.12 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| A1C2 (16-05-1183-9) | | | | | | |
| Arsenic | 7.45 | | 0.739 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 98.3 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.242 | J | 0.135* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.377 | J | 0.133* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.4 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 5.50 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.0 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 3.10 | | 0.493 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.363 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.23 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.336 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 19.1 | | 0.246 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 45.3 | | 0.985 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 2600 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0224 | J | 0.00559* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 1.9 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.5 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 2.1 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 3.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 3.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 8.3 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Naphthalene | 1.8 | J | 0.80* | ug/kg | EPA 8260B | EPA 5030C |
| Bis(2-Ethylhexyl) Phthalate | 0.055 | J | 0.053* | mg/kg | EPA 8270C | EPA 3545 |
| Dimethyl Phthalate | 0.13 | J | 0.11* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| D32E33 (16-05-1183-11) | | | | | | |
| Arsenic | 4.55 | | 0.777 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 60.6 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.154 | J | 0.142* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.267 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 6.63 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 2.61 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 17.8 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 1.34 | | 0.518 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.524 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.93 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.297 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 0.409 | J | 0.157* | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 11.1 | | 0.259 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 29.2 | | 1.04 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0587 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 4.9 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 2.9 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 3.1 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 6.0 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 30 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 29 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 14 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 100 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 17 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Butyl Benzyl Phthalate | 0.41 | J | 0.054* | mg/kg | EPA 8270C | EPA 3545 |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



| Client SampleID / Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| G31H32 (16-05-1183-13) | | | | | | |
| Arsenic | 7.15 | | 0.758 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 86.8 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.223 | J | 0.138* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.372 | J | 0.137* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 7.11 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 4.10 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 33.3 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 10.6 | | 0.505 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.678 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 6.12 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.429 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 14.7 | | 0.253 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 60.3 | | 1.01 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1700 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| C6 | 7.4 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C9-C10 | 82 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 3.0 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 4.6 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 9.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 15 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 7.9 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 140 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 10 | J | 6.2* | ug/kg | EPA 8260B | EPA 5030C |
| Benzene | 0.24 | J | 0.13* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 73 | | 5.0 | mg/kg | EPA 8270C | EPA 3545 |
| Di-n-Butyl Phthalate | 0.10 | J | 0.060* | mg/kg | EPA 8270C | EPA 3545 |
| G31H32-0.5 (16-05-1183-14) | | | | | | |
| Aroclor-1254 | 410 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 550 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| G31H32-0.5-Dup (16-05-1183-15) | | | | | | |
| Aroclor-1254 | 370 | | 50 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 520 | | 50 | ug/kg | EPA 8082 | EPA 3540C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
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Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| H31J32 (16-05-1183-16) | | | | | | |
| Arsenic | 7.00 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 105 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.251 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.418 | J | 0.140* | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 8.35 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.47 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 25.4 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 2.52 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.330 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 5.51 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.319 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Thallium | 1.07 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 20.7 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 52.9 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0273 | J | 0.00568* | mg/kg | EPA 7471A | EPA 7471A Total |
| C19-C20 | 1.6 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 2.6 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 2.9 | J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 7.1 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 7.3 | J | 6.1* | ug/kg | EPA 8260B | EPA 5030C |

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# Detections Summary

Client: Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Work Order: 16-05-1183
Project Name: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517
Received: 05/16/16

Attn: Kelly Hoggan



**Client SampleID**

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|---|---|---|---|---|---|
| K30L31 (16-05-1183-18) | | | | | | |
| Arsenic | 6.88 | | 0.773 | mg/kg | EPA 6010B | EPA 3050B |
| Barium | 153 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Beryllium | 0.191 | J | 0.141* | mg/kg | EPA 6010B | EPA 3050B |
| Cadmium | 0.716 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium | 11.8 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Cobalt | 6.94 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Copper | 34.7 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Lead | 7.05 | | 0.515 | mg/kg | EPA 6010B | EPA 3050B |
| Molybdenum | 0.488 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Nickel | 9.47 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Silver | 0.449 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Vanadium | 17.4 | | 0.258 | mg/kg | EPA 6010B | EPA 3050B |
| Zinc | 70.0 | | 1.03 | mg/kg | EPA 6010B | EPA 3050B |
| Chromium, Hexavalent | 1300 | | 400 | ug/kg | EPA 7199 | EPA 3060A |
| Mercury | 0.0559 | J | 0.00597* | mg/kg | EPA 7471A | EPA 7471A Total |
| C9-C10 | 1.7 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C19-C20 | 5.2 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C21-C22 | 5.7 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C23-C24 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C25-C28 | 10 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C29-C32 | 11 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C33-C36 | 6.8 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| C37-C40 | 2.0 | J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| C6-C44 Total | 54 | | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Acetone | 34 | J | 6.4* | ug/kg | EPA 8260B | EPA 5030C |
| Benzyl Alcohol | 0.48 | J | 0.066* | mg/kg | EPA 8270C | EPA 3545 |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | J | 0.053* | mg/kg | EPA 8270C | EPA 3545 |
| K30L31-0.5 (16-05-1183-19) | | | | | | |
| Aroclor-1254 | 31000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |
| Aroclor-1260 | 23000 | | 5000 | ug/kg | EPA 8082 | EPA 3540C |

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-A** | **05/16/16 08:35** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:10** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 940 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-A** | **05/16/16 09:00** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:19** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 3400 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-A** | **05/16/16 09:18** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:28** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 510 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-A** | **05/16/16 09:37** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:37** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2000 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-A** | **05/16/16 10:58** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:46** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 2600 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-A** | **05/16/16 11:33** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:55** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 200 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3060A
Method: EPA 7199
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-A** | **05/16/16 11:54** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:04** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1700 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-A** | **05/16/16 12:29** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:31** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-A** | **05/16/16 12:49** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:40** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 1300 | 400 | 200 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-05-125-2923** | **N/A** | **Solid** | **IC 11** | **06/02/16** | **06/02/16 18:52** | **160602L01P** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 400 | 200 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-A** | **05/16/16 08:35** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 14:43** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.2 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.2 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.2 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.2 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.2 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.2 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.2 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.2 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-A** | **05/16/16 09:00** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:01** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.3 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.3 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.3 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.3 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 70 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-A** | **05/16/16 09:18** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:18** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | 2.0 | 5.0 | 1.3 | 1.00 | J |
| C9-C10 | 20 | 5.0 | 1.3 | 1.00 | |
| C11-C12 | 8.8 | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.3 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | 6.3 | 5.0 | 1.3 | 1.00 | |
| C25-C28 | 3.7 | 5.0 | 1.3 | 1.00 | J |
| C29-C32 | 1.8 | 5.0 | 1.3 | 1.00 | J |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 42 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-A** | **05/16/16 09:37** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:35** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.2 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.2 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.2 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.2 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.2 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.2 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.2 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.2 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-A** | **05/16/16 10:58** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:52** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | 1.9 | 5.0 | 1.3 | 1.00 | J |
| C21-C22 | 3.5 | 5.0 | 1.3 | 1.00 | J |
| C23-C24 | 2.1 | 5.0 | 1.3 | 1.00 | J |
| C25-C28 | 3.0 | 5.0 | 1.3 | 1.00 | J |
| C29-C32 | 3.0 | 5.0 | 1.3 | 1.00 | J |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 14 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 72 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-A** | **05/16/16 11:33** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 16:10** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | 4.9 | 5.0 | 1.2 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | 2.9 | 5.0 | 1.2 | 1.00 | J |
| C21-C22 | 3.1 | 5.0 | 1.2 | 1.00 | J |
| C23-C24 | 6.0 | 5.0 | 1.2 | 1.00 | |
| C25-C28 | 14 | 5.0 | 1.2 | 1.00 | |
| C29-C32 | 30 | 5.0 | 1.2 | 1.00 | |
| C33-C36 | 29 | 5.0 | 1.2 | 1.00 | |
| C37-C40 | 14 | 5.0 | 1.2 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | 100 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 75 | 61-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-A** | **05/16/16 11:54** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 16:44** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | 7.4 | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | 82 | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | 3.0 | 5.0 | 1.3 | 1.00 | J |
| C21-C22 | 4.6 | 5.0 | 1.3 | 1.00 | J |
| C23-C24 | 9.8 | 5.0 | 1.3 | 1.00 | |
| C25-C28 | 15 | 5.0 | 1.3 | 1.00 | |
| C29-C32 | 10 | 5.0 | 1.3 | 1.00 | |
| C33-C36 | 7.9 | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 140 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 67 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-A** | **05/16/16 12:29** | **Concrete** | **GC 46** | **05/18/16** | **05/20/16 20:44** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | 1.6 | 5.0 | 1.3 | 1.00 | J |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.3 | 1.00 | |
| C25-C28 | 2.6 | 5.0 | 1.3 | 1.00 | J |
| C29-C32 | 2.9 | 5.0 | 1.3 | 1.00 | J |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | 7.1 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 80 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-A** | **05/16/16 12:49** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 17:18** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.2 | 1.00 | |
| C7 | ND | 5.0 | 1.2 | 1.00 | |
| C8 | ND | 5.0 | 1.2 | 1.00 | |
| C9-C10 | 1.7 | 5.0 | 1.2 | 1.00 | J |
| C11-C12 | ND | 5.0 | 1.2 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.2 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.2 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.2 | 1.00 | |
| C19-C20 | 5.2 | 5.0 | 1.2 | 1.00 | |
| C21-C22 | 5.7 | 5.0 | 1.2 | 1.00 | |
| C23-C24 | 11 | 5.0 | 1.2 | 1.00 | |
| C25-C28 | 10 | 5.0 | 1.2 | 1.00 | |
| C29-C32 | 11 | 5.0 | 1.2 | 1.00 | |
| C33-C36 | 6.8 | 5.0 | 1.2 | 1.00 | |
| C37-C40 | 2.0 | 5.0 | 1.2 | 1.00 | J |
| C41-C44 | ND | 5.0 | 1.2 | 1.00 | |
| C6-C44 Total | 54 | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 65 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-15-490-2098** | **N/A** | **Solid** | **GC 46** | **05/18/16** | **05/19/16 13:34** | **160518B01** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| C6 | ND | 5.0 | 1.3 | 1.00 | |
| C7 | ND | 5.0 | 1.3 | 1.00 | |
| C8 | ND | 5.0 | 1.3 | 1.00 | |
| C9-C10 | ND | 5.0 | 1.3 | 1.00 | |
| C11-C12 | ND | 5.0 | 1.3 | 1.00 | |
| C13-C14 | ND | 5.0 | 1.3 | 1.00 | |
| C15-C16 | ND | 5.0 | 1.3 | 1.00 | |
| C17-C18 | ND | 5.0 | 1.3 | 1.00 | |
| C19-C20 | ND | 5.0 | 1.3 | 1.00 | |
| C21-C22 | ND | 5.0 | 1.3 | 1.00 | |
| C23-C24 | ND | 5.0 | 1.3 | 1.00 | |
| C25-C28 | ND | 5.0 | 1.3 | 1.00 | |
| C29-C32 | ND | 5.0 | 1.3 | 1.00 | |
| C33-C36 | ND | 5.0 | 1.3 | 1.00 | |
| C37-C40 | ND | 5.0 | 1.3 | 1.00 | |
| C41-C44 | ND | 5.0 | 1.3 | 1.00 | |
| C6-C44 Total | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| n-Octacosane | 77 | 61-145 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-AA** | **05/16/16 08:35** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:13** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 5.51 | 0.746 | 0.258 | 0.995 | |
| Barium | 67.0 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.187 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | 0.339 | 0.498 | 0.135 | 0.995 | J |
| Chromium | 5.01 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 5.30 | 0.249 | 0.147 | 0.995 | |
| Copper | 22.8 | 0.498 | 0.134 | 0.995 | |
| Lead | 8.97 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.412 | 0.249 | 0.131 | 0.995 | |
| Nickel | 4.75 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.275 | 0.249 | 0.0853 | 0.995 | |
| Thallium | ND | 0.746 | 0.151 | 0.995 | |
| Vanadium | 12.7 | 0.249 | 0.141 | 0.995 | |
| Zinc | 43.4 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-AA** | **05/16/16 09:00** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:14** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.785 | 0.156 | 1.05 | |
| Arsenic | 8.00 | 0.785 | 0.271 | 1.05 | |
| Barium | 161 | 0.524 | 0.162 | 1.05 | |
| Beryllium | 0.215 | 0.262 | 0.143 | 1.05 | J |
| Cadmium | 0.361 | 0.524 | 0.142 | 1.05 | J |
| Chromium | 9.02 | 0.262 | 0.149 | 1.05 | |
| Cobalt | 5.11 | 0.262 | 0.155 | 1.05 | |
| Copper | 8.66 | 0.524 | 0.141 | 1.05 | |
| Lead | 0.570 | 0.524 | 0.138 | 1.05 | |
| Molybdenum | 0.324 | 0.262 | 0.138 | 1.05 | |
| Nickel | 7.83 | 0.262 | 0.152 | 1.05 | |
| Selenium | ND | 0.785 | 0.314 | 1.05 | |
| Silver | 0.341 | 0.262 | 0.0897 | 1.05 | |
| Thallium | 0.177 | 0.785 | 0.159 | 1.05 | J |
| Vanadium | 15.7 | 0.262 | 0.148 | 1.05 | |
| Zinc | 26.6 | 1.05 | 0.186 | 1.05 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:15** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 8.30 | 0.758 | 0.262 | 1.01 | |
| Barium | 257 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.261 | 0.253 | 0.138 | 1.01 | |
| Cadmium | 0.387 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 9.50 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 6.72 | 0.253 | 0.150 | 1.01 | |
| Copper | 11.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 1.98 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.678 | 0.253 | 0.133 | 1.01 | |
| Nickel | 7.07 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.328 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 17.6 | 0.253 | 0.143 | 1.01 | |
| Zinc | 27.2 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-AA** | **05/16/16 09:37** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:18** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.746 | 0.148 | 0.995 | |
| Arsenic | 8.66 | 0.746 | 0.258 | 0.995 | |
| Barium | 103 | 0.498 | 0.154 | 0.995 | |
| Beryllium | 0.205 | 0.249 | 0.136 | 0.995 | J |
| Cadmium | 0.332 | 0.498 | 0.135 | 0.995 | J |
| Chromium | 11.2 | 0.249 | 0.142 | 0.995 | |
| Cobalt | 6.95 | 0.249 | 0.147 | 0.995 | |
| Copper | 28.8 | 0.498 | 0.134 | 0.995 | |
| Lead | 3.55 | 0.498 | 0.131 | 0.995 | |
| Molybdenum | 0.430 | 0.249 | 0.131 | 0.995 | |
| Nickel | 7.95 | 0.249 | 0.144 | 0.995 | |
| Selenium | ND | 0.746 | 0.298 | 0.995 | |
| Silver | 0.363 | 0.249 | 0.0853 | 0.995 | |
| Thallium | 0.378 | 0.746 | 0.151 | 0.995 | J |
| Vanadium | 18.9 | 0.249 | 0.141 | 0.995 | |
| Zinc | 50.0 | 0.995 | 0.177 | 0.995 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-AA** | **05/16/16 10:58** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:09** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.739 | 0.147 | 0.985 | |
| Arsenic | 7.45 | 0.739 | 0.255 | 0.985 | |
| Barium | 98.3 | 0.493 | 0.152 | 0.985 | |
| Beryllium | 0.242 | 0.246 | 0.135 | 0.985 | J |
| Cadmium | 0.377 | 0.493 | 0.133 | 0.985 | J |
| Chromium | 11.4 | 0.246 | 0.140 | 0.985 | |
| Cobalt | 5.50 | 0.246 | 0.146 | 0.985 | |
| Copper | 25.0 | 0.493 | 0.133 | 0.985 | |
| Lead | 3.10 | 0.493 | 0.130 | 0.985 | |
| Molybdenum | 0.363 | 0.246 | 0.130 | 0.985 | |
| Nickel | 6.23 | 0.246 | 0.143 | 0.985 | |
| Selenium | ND | 0.739 | 0.295 | 0.985 | |
| Silver | 0.336 | 0.246 | 0.0844 | 0.985 | |
| Thallium | ND | 0.739 | 0.149 | 0.985 | |
| Vanadium | 19.1 | 0.246 | 0.139 | 0.985 | |
| Zinc | 45.3 | 0.985 | 0.175 | 0.985 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-AA** | **05/16/16 11:33** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:19** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.777 | 0.154 | 1.04 | |
| Arsenic | 4.55 | 0.777 | 0.269 | 1.04 | |
| Barium | 60.6 | 0.518 | 0.160 | 1.04 | |
| Beryllium | 0.154 | 0.259 | 0.142 | 1.04 | J |
| Cadmium | 0.267 | 0.518 | 0.140 | 1.04 | J |
| Chromium | 6.63 | 0.259 | 0.147 | 1.04 | |
| Cobalt | 2.61 | 0.259 | 0.153 | 1.04 | |
| Copper | 17.8 | 0.518 | 0.140 | 1.04 | |
| Lead | 1.34 | 0.518 | 0.136 | 1.04 | |
| Molybdenum | 0.524 | 0.259 | 0.137 | 1.04 | |
| Nickel | 5.93 | 0.259 | 0.150 | 1.04 | |
| Selenium | ND | 0.777 | 0.310 | 1.04 | |
| Silver | 0.297 | 0.259 | 0.0888 | 1.04 | |
| Thallium | 0.409 | 0.777 | 0.157 | 1.04 | J |
| Vanadium | 11.1 | 0.259 | 0.146 | 1.04 | |
| Zinc | 29.2 | 1.04 | 0.184 | 1.04 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:20** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.758 | 0.150 | 1.01 | |
| Arsenic | 7.15 | 0.758 | 0.262 | 1.01 | |
| Barium | 86.8 | 0.505 | 0.156 | 1.01 | |
| Beryllium | 0.223 | 0.253 | 0.138 | 1.01 | J |
| Cadmium | 0.372 | 0.505 | 0.137 | 1.01 | J |
| Chromium | 7.11 | 0.253 | 0.144 | 1.01 | |
| Cobalt | 4.10 | 0.253 | 0.150 | 1.01 | |
| Copper | 33.3 | 0.505 | 0.136 | 1.01 | |
| Lead | 10.6 | 0.505 | 0.133 | 1.01 | |
| Molybdenum | 0.678 | 0.253 | 0.133 | 1.01 | |
| Nickel | 6.12 | 0.253 | 0.146 | 1.01 | |
| Selenium | ND | 0.758 | 0.303 | 1.01 | |
| Silver | 0.429 | 0.253 | 0.0866 | 1.01 | |
| Thallium | ND | 0.758 | 0.153 | 1.01 | |
| Vanadium | 14.7 | 0.253 | 0.143 | 1.01 | |
| Zinc | 60.3 | 1.01 | 0.179 | 1.01 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-AA** | **05/16/16 12:29** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:21** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 7.00 | 0.773 | 0.267 | 1.03 | |
| Barium | 105 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.251 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | 0.418 | 0.515 | 0.140 | 1.03 | J |
| Chromium | 8.35 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 6.47 | 0.258 | 0.153 | 1.03 | |
| Copper | 25.4 | 0.515 | 0.139 | 1.03 | |
| Lead | 2.52 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.330 | 0.258 | 0.136 | 1.03 | |
| Nickel | 5.51 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.319 | 0.258 | 0.0884 | 1.03 | |
| Thallium | 1.07 | 0.773 | 0.156 | 1.03 | |
| Vanadium | 20.7 | 0.258 | 0.146 | 1.03 | |
| Zinc | 52.9 | 1.03 | 0.183 | 1.03 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-AA** | **05/16/16 12:49** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:22** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.773 | 0.154 | 1.03 | |
| Arsenic | 6.88 | 0.773 | 0.267 | 1.03 | |
| Barium | 153 | 0.515 | 0.159 | 1.03 | |
| Beryllium | 0.191 | 0.258 | 0.141 | 1.03 | J |
| Cadmium | 0.716 | 0.515 | 0.140 | 1.03 | |
| Chromium | 11.8 | 0.258 | 0.147 | 1.03 | |
| Cobalt | 6.94 | 0.258 | 0.153 | 1.03 | |
| Copper | 34.7 | 0.515 | 0.139 | 1.03 | |
| Lead | 7.05 | 0.515 | 0.136 | 1.03 | |
| Molybdenum | 0.488 | 0.258 | 0.136 | 1.03 | |
| Nickel | 9.47 | 0.258 | 0.149 | 1.03 | |
| Selenium | ND | 0.773 | 0.309 | 1.03 | |
| Silver | 0.449 | 0.258 | 0.0884 | 1.03 | |
| Thallium | ND | 0.773 | 0.156 | 1.03 | |
| Vanadium | 17.4 | 0.258 | 0.146 | 1.03 | |
| Zinc | 70.0 | 1.03 | 0.183 | 1.03 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **097-01-002-22697** | **N/A** | **Solid** | **ICP 7300** | **05/18/16** | **05/24/16 11:05** | **160518L05D** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Antimony | ND | 0.732 | 0.145 | 0.976 | |
| Arsenic | ND | 0.732 | 0.253 | 0.976 | |
| Barium | ND | 0.488 | 0.151 | 0.976 | |
| Beryllium | ND | 0.244 | 0.134 | 0.976 | |
| Cadmium | ND | 0.488 | 0.132 | 0.976 | |
| Chromium | ND | 0.244 | 0.139 | 0.976 | |
| Cobalt | ND | 0.244 | 0.144 | 0.976 | |
| Copper | ND | 0.488 | 0.131 | 0.976 | |
| Lead | ND | 0.488 | 0.128 | 0.976 | |
| Molybdenum | ND | 0.244 | 0.129 | 0.976 | |
| Nickel | ND | 0.244 | 0.141 | 0.976 | |
| Selenium | ND | 0.732 | 0.292 | 0.976 | |
| Silver | ND | 0.244 | 0.0836 | 0.976 | |
| Thallium | ND | 0.732 | 0.148 | 0.976 | |
| Vanadium | ND | 0.244 | 0.138 | 0.976 | |
| Zinc | ND | 0.976 | 0.173 | 0.976 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-AA** | **05/16/16 08:35** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 16:58** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.994 | 0.0847 | 0.00597 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-AA** | **05/16/16 09:00** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:00** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0159 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:03** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0160 | 0.0862 | 0.00607 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-AA** | **05/16/16 09:37** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:05** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.155 | 0.0862 | 0.00607 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-AA** | **05/16/16 10:58** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:07** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0224 | 0.0794 | 0.00559 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-AA** | **05/16/16 11:33** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:09** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0587 | 0.0806 | 0.00568 | 1.00 | J |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:16** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0806 | 0.00568 | 1.00 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-AA** | **05/16/16 12:29** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:21** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0273 | 0.0806 | 0.00568 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-AA** | **05/16/16 12:49** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:18** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.0559 | 0.0847 | 0.00597 | 1.00 | J |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-480-38** | **N/A** | **Solid** | **Mercury 05** | **05/23/16** | **05/23/16 20:01** | **160523L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Mercury | ND | 0.0833 | 0.00587 | 1.00 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9-0.5** | **16-05-1183-2-A** | **05/16/16 08:42** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 18:11** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6-0.5** | **16-05-1183-4-A** | **05/16/16 09:08** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 18:30** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 98 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13-0.5** | **16-05-1183-6-A** | **05/16/16 09:27** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 18:49** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 120 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15-0.5** | **16-05-1183-8-A** | **05/16/16 09:51** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:08** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2-0.5** | **16-05-1183-10-A** | **05/16/16 11:11** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:27** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| D32E33-0.5 | 16-05-1183-12-A | 05/16/16 11:45 | Solid | GC 31 | 05/20/16 | 05/24/16 12:11 | 160520L09 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 173 | 24-168 | 2,7 |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32-0.5** | **16-05-1183-14-A** | **05/16/16 12:15** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:46** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 410 | 50 | 31 | 1.00 | |
| Aroclor-1260 | 550 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 25-145 | |

| G31H32-0.5-Dup | 16-05-1183-15-A | 05/16/16 12:20 | Solid | GC 31 | 05/20/16 | 05/23/16 21:54 | 160520L09 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | 370 | 50 | 32 | 1.00 | |
| Aroclor-1260 | 520 | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 107 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 84 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32-0.5** | **16-05-1183-17-A** | **05/16/16 12:38** | **Solid** | **GC 31** | **05/20/16** | **05/24/16 11:33** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 31 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 34 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 91 | 25-145 | |

| K30L31-0.5 | 16-05-1183-19-A | 05/16/16 13:10 | Solid | GC 31 | 05/20/16 | 05/24/16 11:52 | 160520L09 |
|---|---|---|---|---|---|---|---|

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 5000 | 2100 | 100 | |
| Aroclor-1221 | ND | 5000 | 4200 | 100 | |
| Aroclor-1232 | ND | 5000 | 2500 | 100 | |
| Aroclor-1242 | ND | 5000 | 3700 | 100 | |
| Aroclor-1248 | ND | 5000 | 3200 | 100 | |
| Aroclor-1254 | 31000 | 5000 | 3200 | 100 | |
| Aroclor-1260 | 23000 | 5000 | 3000 | 100 | |
| Aroclor-1262 | ND | 5000 | 3500 | 100 | |
| Aroclor-1268 | ND | 5000 | 3300 | 100 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 150 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 131 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3540C
Method: EPA 8082
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-535-3742** | **N/A** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 17:33** | **160520L09** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-AA** | **05/16/16 08:35** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/26/16 15:14** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 71 | 25-120 | |
| Nitrobenzene-d5 | 73 | 33-123 | |
| p-Terphenyl-d14 | 70 | 27-159 | |
| Phenol-d6 | 69 | 26-122 | |
| 2,4,6-Tribromophenol | 77 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-AA** | **05/16/16 09:00** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 15:29** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 63 | 27-120 | |
| 2-Fluorophenol | 64 | 25-120 | |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 72 | 27-159 | |
| Phenol-d6 | 64 | 26-122 | |
| 2,4,6-Tribromophenol | 86 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 12:12** | **160520L10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.092 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.056 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.065 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.064 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.059 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.063 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.074 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.62 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | 9.3 | 0.50 | 0.056 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.051 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.047 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 9 of 36 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 56 | 27-120 | |
| 2-Fluorophenol | 0 | 25-120 | 2,6 |
| Nitrobenzene-d5 | 55 | 33-123 | |
| p-Terphenyl-d14 | 67 | 27-159 | |
| Phenol-d6 | 8 | 26-122 | 2,6 |
| 2,4,6-Tribromophenol | 3 | 18-138 | 2,6 |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-AA** | **05/16/16 09:18** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 15:48** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | 0.12 | 0.50 | 0.11 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 63 | 25-120 | |
| Nitrobenzene-d5 | 63 | 33-123 | |
| p-Terphenyl-d14 | 74 | 27-159 | |
| Phenol-d6 | 63 | 26-122 | |
| 2,4,6-Tribromophenol | 84 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-AA** | **05/16/16 09:37** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 16:07** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | 0.17 | 0.50 | 0.066 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | 0.12 | 0.50 | 0.11 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 69 | 27-120 | |
| 2-Fluorophenol | 72 | 25-120 | |
| Nitrobenzene-d5 | 71 | 33-123 | |
| p-Terphenyl-d14 | 76 | 27-159 | |
| Phenol-d6 | 72 | 26-122 | |
| 2,4,6-Tribromophenol | 88 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-AA** | **05/16/16 10:58** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 16:25** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.055 | 0.50 | 0.053 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | 0.13 | 0.50 | 0.11 | 1.00 | J |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 18 of 36 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 65 | 25-120 | |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 65 | 26-122 | |
| 2,4,6-Tribromophenol | 88 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-AA** | **05/16/16 11:33** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 16:43** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | 0.41 | 0.50 | 0.054 | 1.00 | J |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 65 | 27-120 | |
| 2-Fluorophenol | 67 | 25-120 | |
| Nitrobenzene-d5 | 66 | 33-123 | |
| p-Terphenyl-d14 | 71 | 27-159 | |
| Phenol-d6 | 66 | 26-122 | |
| 2,4,6-Tribromophenol | 86 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 17:02** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | 0.10 | 0.50 | 0.060 | 1.00 | J |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3545 |
| | | Method: | EPA 8270C |
| | | Units: | mg/kg |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 24 of 36 |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 60 | 27-120 | |
| 2-Fluorophenol | 60 | 25-120 | |
| Nitrobenzene-d5 | 60 | 33-123 | |
| p-Terphenyl-d14 | 71 | 27-159 | |
| Phenol-d6 | 61 | 26-122 | |
| 2,4,6-Tribromophenol | 84 | 18-138 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-AA** | **05/16/16 11:54** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 18:21** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Benzyl Alcohol | 73 | 5.0 | 0.66 | 10.0 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 70 | 27-120 | |
| 2-Fluorophenol | 66 | 25-120 | |
| Nitrobenzene-d5 | 67 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 66 | 26-122 | |
| 2,4,6-Tribromophenol | 87 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-AA** | **05/16/16 12:29** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 17:20** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.059 | 1.00 | |
| Aniline | ND | 0.50 | 0.059 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.82 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.063 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.49 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.40 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.26 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.066 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.072 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.066 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.086 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.083 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.058 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.069 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.38 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.068 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.076 | 1.00 | |
| Pyridine | ND | 0.50 | 0.054 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.076 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.063 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 62 | 27-120 | |
| 2-Fluorophenol | 63 | 25-120 | |
| Nitrobenzene-d5 | 62 | 33-123 | |
| p-Terphenyl-d14 | 73 | 27-159 | |
| Phenol-d6 | 64 | 26-122 | |
| 2,4,6-Tribromophenol | 86 | 18-138 | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-AA** | **05/16/16 12:49** | **Concrete** | **GC/MS CCC** | **05/26/16** | **05/27/16 17:38** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | 0.48 | 0.50 | 0.066 | 1.00 | J |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | 0.12 | 0.50 | 0.053 | 1.00 | J |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 64 | 27-120 | |
| 2-Fluorophenol | 65 | 25-120 | |
| Nitrobenzene-d5 | 64 | 33-123 | |
| p-Terphenyl-d14 | 72 | 27-159 | |
| Phenol-d6 | 66 | 26-122 | |
| 2,4,6-Tribromophenol | 85 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-55** | **N/A** | **Solid** | **GC/MS CCC** | **05/20/16** | **05/23/16 10:57** | **160520L10** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 77 | 27-120 | |
| 2-Fluorophenol | 85 | 25-120 | |
| Nitrobenzene-d5 | 83 | 33-123 | |
| p-Terphenyl-d14 | 84 | 27-159 | |
| Phenol-d6 | 84 | 26-122 | |
| 2,4,6-Tribromophenol | 96 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-16-462-56** | **N/A** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 13:15** | **160526L05** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 0.50 | 0.093 | 1.00 | |
| Acenaphthene | ND | 0.50 | 0.063 | 1.00 | |
| Acenaphthylene | ND | 0.50 | 0.060 | 1.00 | |
| Aniline | ND | 0.50 | 0.060 | 1.00 | |
| Anthracene | ND | 0.50 | 0.063 | 1.00 | |
| Azobenzene | ND | 0.50 | 0.054 | 1.00 | |
| Benzidine | ND | 5.0 | 0.83 | 1.00 | |
| Benzo (a) Anthracene | ND | 0.50 | 0.057 | 1.00 | |
| Benzo (a) Pyrene | ND | 0.50 | 0.054 | 1.00 | |
| Benzo (b) Fluoranthene | ND | 0.50 | 0.064 | 1.00 | |
| Benzo (g,h,i) Perylene | ND | 0.50 | 0.055 | 1.00 | |
| Benzo (k) Fluoranthene | ND | 0.50 | 0.065 | 1.00 | |
| Benzoic Acid | ND | 2.5 | 0.50 | 1.00 | |
| Benzyl Alcohol | ND | 0.50 | 0.066 | 1.00 | |
| Bis(2-Chloroethoxy) Methane | ND | 0.50 | 0.056 | 1.00 | |
| Bis(2-Chloroethyl) Ether | ND | 0.50 | 0.41 | 1.00 | |
| Bis(2-Chloroisopropyl) Ether | ND | 0.50 | 0.057 | 1.00 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 0.50 | 0.053 | 1.00 | |
| 4-Bromophenyl-Phenyl Ether | ND | 0.50 | 0.061 | 1.00 | |
| Butyl Benzyl Phthalate | ND | 0.50 | 0.054 | 1.00 | |
| 4-Chloro-3-Methylphenol | ND | 0.50 | 0.066 | 1.00 | |
| 4-Chloroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 2-Chloronaphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 2-Chlorophenol | ND | 0.50 | 0.067 | 1.00 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 0.50 | 0.064 | 1.00 | |
| Chrysene | ND | 0.50 | 0.064 | 1.00 | |
| Di-n-Butyl Phthalate | ND | 0.50 | 0.060 | 1.00 | |
| Di-n-Octyl Phthalate | ND | 0.50 | 0.10 | 1.00 | |
| Dibenz (a,h) Anthracene | ND | 0.50 | 0.046 | 1.00 | |
| Dibenzofuran | ND | 0.50 | 0.060 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 0.50 | 0.064 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 0.50 | 0.073 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 0.50 | 0.075 | 1.00 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 0.36 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 0.50 | 0.058 | 1.00 | |
| Diethyl Phthalate | ND | 0.50 | 0.058 | 1.00 | |
| Dimethyl Phthalate | ND | 0.50 | 0.11 | 1.00 | |
| 2,4-Dimethylphenol | ND | 0.50 | 0.27 | 1.00 | |
| 4,6-Dinitro-2-Methylphenol | ND | 2.5 | 0.63 | 1.00 | |
| 2,4-Dinitrophenol | ND | 2.0 | 0.34 | 1.00 | |
| 2,4-Dinitrotoluene | ND | 0.50 | 0.067 | 1.00 | |
| 2,6-Dinitrotoluene | ND | 0.50 | 0.073 | 1.00 | |
| Fluoranthene | ND | 0.50 | 0.062 | 1.00 | |
| Fluorene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachloro-1,3-Butadiene | ND | 0.50 | 0.063 | 1.00 | |
| Hexachlorobenzene | ND | 0.50 | 0.067 | 1.00 | |
| Hexachlorocyclopentadiene | ND | 2.5 | 0.50 | 1.00 | |
| Hexachloroethane | ND | 0.50 | 0.078 | 1.00 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 0.50 | 0.053 | 1.00 | |
| Isophorone | ND | 0.50 | 0.057 | 1.00 | |
| 2-Methylnaphthalene | ND | 0.50 | 0.060 | 1.00 | |
| 1-Methylnaphthalene | ND | 0.50 | 0.056 | 1.00 | |
| 2-Methylphenol | ND | 0.50 | 0.087 | 1.00 | |
| 3/4-Methylphenol | ND | 0.50 | 0.16 | 1.00 | |
| N-Nitroso-di-n-propylamine | ND | 0.50 | 0.084 | 1.00 | |
| N-Nitrosodimethylamine | ND | 0.50 | 0.047 | 1.00 | |
| N-Nitrosodiphenylamine | ND | 0.50 | 0.14 | 1.00 | |
| Naphthalene | ND | 0.50 | 0.059 | 1.00 | |
| 4-Nitroaniline | ND | 0.50 | 0.065 | 1.00 | |
| 3-Nitroaniline | ND | 0.50 | 0.070 | 1.00 | |
| 2-Nitroaniline | ND | 0.50 | 0.052 | 1.00 | |
| Nitrobenzene | ND | 2.0 | 0.32 | 1.00 | |
| 4-Nitrophenol | ND | 0.50 | 0.054 | 1.00 | |
| 2-Nitrophenol | ND | 0.50 | 0.067 | 1.00 | |
| Pentachlorophenol | ND | 2.5 | 0.39 | 1.00 | |
| Phenanthrene | ND | 0.50 | 0.069 | 1.00 | |
| Phenol | ND | 0.50 | 0.048 | 1.00 | |
| Pyrene | ND | 0.50 | 0.077 | 1.00 | |
| Pyridine | ND | 0.50 | 0.055 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 0.50 | 0.059 | 1.00 | |
| 2,4,6-Trichlorophenol | ND | 0.50 | 0.077 | 1.00 | |
| 2,4,5-Trichlorophenol | ND | 0.50 | 0.064 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 2-Fluorobiphenyl | 78 | 27-120 | |
| 2-Fluorophenol | 83 | 25-120 | |
| Nitrobenzene-d5 | 82 | 33-123 | |
| p-Terphenyl-d14 | 79 | 27-159 | |
| Phenol-d6 | 80 | 26-122 | |
| 2,4,6-Tribromophenol | 87 | 18-138 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB8AC9** | **16-05-1183-1-A** | **05/16/16 08:35** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:00** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.22 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.82 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| Carbon Disulfide | 0.61 | 51 | 0.31 | 1.00 | J |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.25 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.59 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.80 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.24 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.46 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | 0.48 | 5.1 | 0.36 | 1.00 | J |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | 1.1 | 51 | 0.84 | 1.00 | J |
| n-Propylbenzene | ND | 5.1 | 0.52 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.36 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.22 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | 0.59 | 51 | 0.39 | 1.00 | J |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.28 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 100 | 60-132 | |
| Dibromofluoromethane | 53 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 102 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AD5AE6** | **16-05-1183-3-A** | **05/16/16 09:00** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 13:44** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 9.2 | 130 | 6.3 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.80 | 1.00 | |
| Bromomethane | ND | 25 | 9.5 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.78 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.82 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.92 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 60-132 | |
| Dibromofluoromethane | 43 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 113 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AC12AD13** | **16-05-1183-5-A** | **05/16/16 09:18** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 14:10** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 8.0 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.25 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 101 | 60-132 | |
| Dibromofluoromethane | 34 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 106 | 62-146 | |
| Toluene-d8 | 97 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **AB14AC15** | **16-05-1183-7-A** | **05/16/16 09:37** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 14:36** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 130 | 6.3 | 1.00 | |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.61 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.84 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 60-132 | |
| Dibromofluoromethane | 38 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 100 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **A1C2** | **16-05-1183-9-A** | **05/16/16 10:58** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 15:02** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 8.3 | 120 | 6.2 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.68 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 25 | 9.3 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.9 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.60 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.62 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.3 | 1.00 | |
| Naphthalene | 1.8 | 49 | 0.80 | 1.00 | J |
| n-Propylbenzene | ND | 4.9 | 0.50 | 1.00 | |
| Styrene | ND | 4.9 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.21 | 1.00 | |
| Toluene | ND | 4.9 | 0.51 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.9 | 0.90 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.35 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.82 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.58 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.55 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 43 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 108 | 62-146 | |
| Toluene-d8 | 99 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **D32E33** | **16-05-1183-11-A** | **05/16/16 11:33** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 15:29** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 17 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.71 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 26 | 9.7 | 1.00 | |
| 2-Butanone | ND | 51 | 3.9 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 26 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.29 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.34 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.65 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.25 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.53 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.94 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.9 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.52 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 60-132 | |
| Dibromofluoromethane | 45 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 114 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **G31H32** | **16-05-1183-13-A** | **05/16/16 11:54** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 15:54** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 10 | 120 | 6.2 | 1.00 | J |
| Benzene | 0.24 | 5.0 | 0.13 | 1.00 | J |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 33 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 107 | 62-146 | |
| Toluene-d8 | 101 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **H31J32** | **16-05-1183-16-A** | **05/16/16 12:29** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 16:21** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 7.3 | 120 | 6.1 | 1.00 | J |
| Benzene | ND | 4.9 | 0.13 | 1.00 | |
| Bromobenzene | ND | 4.9 | 0.20 | 1.00 | |
| Bromochloromethane | ND | 4.9 | 0.67 | 1.00 | |
| Bromodichloromethane | ND | 4.9 | 0.23 | 1.00 | |
| Bromoform | ND | 4.9 | 0.78 | 1.00 | |
| Bromomethane | ND | 24 | 9.2 | 1.00 | |
| 2-Butanone | ND | 49 | 3.7 | 1.00 | |
| n-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| sec-Butylbenzene | ND | 4.9 | 0.56 | 1.00 | |
| tert-Butylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 49 | 0.30 | 1.00 | |
| Carbon Tetrachloride | ND | 4.9 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Chloroethane | ND | 4.9 | 1.5 | 1.00 | |
| Chloroform | ND | 4.9 | 0.23 | 1.00 | |
| Chloromethane | ND | 24 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 4.9 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 4.9 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 4.9 | 0.56 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 9.8 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 4.9 | 0.25 | 1.00 | |
| Dibromomethane | ND | 4.9 | 0.76 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 4.9 | 0.17 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 4.9 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 4.9 | 0.43 | 1.00 | |
| 1,1-Dichloroethane | ND | 4.9 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 4.9 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 4.9 | 0.34 | 1.00 | |
| c-1,2-Dichloroethene | ND | 4.9 | 0.27 | 1.00 | |
| t-1,2-Dichloroethene | ND | 4.9 | 0.49 | 1.00 | |
| 1,2-Dichloropropane | ND | 4.9 | 0.43 | 1.00 | |
| 1,3-Dichloropropane | ND | 4.9 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 4.9 | 0.32 | 1.00 | |
| 1,1-Dichloropropene | ND | 4.9 | 0.32 | 1.00 | |
| c-1,3-Dichloropropene | ND | 4.9 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 4.9 | 0.59 | 1.00 | |
| Ethylbenzene | ND | 4.9 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 49 | 1.7 | 1.00 | |
| Isopropylbenzene | ND | 4.9 | 0.53 | 1.00 | |
| p-Isopropyltoluene | ND | 4.9 | 0.61 | 1.00 | |
| Methylene Chloride | ND | 49 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 49 | 4.2 | 1.00 | |
| Naphthalene | ND | 49 | 0.79 | 1.00 | |
| n-Propylbenzene | ND | 4.9 | 0.49 | 1.00 | |
| Styrene | ND | 4.9 | 0.59 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 4.9 | 0.23 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 4.9 | 0.34 | 1.00 | |
| Tetrachloroethene | ND | 4.9 | 0.20 | 1.00 | |
| Toluene | ND | 4.9 | 0.50 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 9.8 | 0.89 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 4.9 | 0.30 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 4.9 | 0.22 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 4.9 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 49 | 0.34 | 1.00 | |
| Trichloroethene | ND | 4.9 | 0.29 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 4.9 | 0.81 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 4.9 | 0.57 | 1.00 | |
| Trichlorofluoromethane | ND | 49 | 0.37 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 4.9 | 0.54 | 1.00 | |
| Vinyl Acetate | ND | 49 | 4.6 | 1.00 | |
| Vinyl Chloride | ND | 4.9 | 0.49 | 1.00 | |
| p/m-Xylene | ND | 4.9 | 0.26 | 1.00 | |
| o-Xylene | ND | 4.9 | 0.54 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 4.9 | 0.29 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 103 | 60-132 | |
| Dibromofluoromethane | 47 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 112 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **K30L31** | **16-05-1183-18-A** | **05/16/16 12:49** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 16:47** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | 34 | 130 | 6.4 | 1.00 | J |
| Benzene | ND | 5.1 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.1 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.1 | 0.70 | 1.00 | |
| Bromodichloromethane | ND | 5.1 | 0.24 | 1.00 | |
| Bromoform | ND | 5.1 | 0.81 | 1.00 | |
| Bromomethane | ND | 25 | 9.6 | 1.00 | |
| 2-Butanone | ND | 51 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.1 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.1 | 0.59 | 1.00 | |
| tert-Butylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 51 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.1 | 0.29 | 1.00 | |
| Chlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Chloroethane | ND | 5.1 | 1.5 | 1.00 | |
| Chloroform | ND | 5.1 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.31 | 1.00 | |
| 2-Chlorotoluene | ND | 5.1 | 0.24 | 1.00 | |
| 4-Chlorotoluene | ND | 5.1 | 0.22 | 1.00 | |
| Dibromochloromethane | ND | 5.1 | 0.58 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.8 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.1 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.1 | 0.79 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.1 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.1 | 0.23 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.1 | 0.45 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.1 | 0.22 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.1 | 0.32 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.1 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.1 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.1 | 0.45 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.1 | 0.26 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.1 | 0.34 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.1 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.1 | 0.26 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.1 | 0.62 | 1.00 | |
| Ethylbenzene | ND | 5.1 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 51 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| p-Isopropyltoluene | ND | 5.1 | 0.64 | 1.00 | |
| Methylene Chloride | ND | 51 | 1.4 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 51 | 4.4 | 1.00 | |
| Naphthalene | ND | 51 | 0.83 | 1.00 | |
| n-Propylbenzene | ND | 5.1 | 0.51 | 1.00 | |
| Styrene | ND | 5.1 | 0.62 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.1 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.1 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.1 | 0.21 | 1.00 | |
| Toluene | ND | 5.1 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.93 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.1 | 0.32 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.1 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.1 | 0.36 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 51 | 0.36 | 1.00 | |
| Trichloroethene | ND | 5.1 | 0.31 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.1 | 0.85 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.1 | 0.60 | 1.00 | |
| Trichlorofluoromethane | ND | 51 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.1 | 0.56 | 1.00 | |
| Vinyl Acetate | ND | 51 | 4.8 | 1.00 | |
| Vinyl Chloride | ND | 5.1 | 0.51 | 1.00 | |
| p/m-Xylene | ND | 5.1 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.1 | 0.57 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.1 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 103 | 60-132 | |
| Dibromofluoromethane | 32 | 63-141 | 2,6 |
| 1,2-Dichloroethane-d4 | 108 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-14-314-537** | **N/A** | **Solid** | **GC/MS Q** | **05/18/16** | **05/18/16 10:00** | **160518L002** |

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| Acetone | ND | 120 | 6.2 | 1.00 | |
| Benzene | ND | 5.0 | 0.13 | 1.00 | |
| Bromobenzene | ND | 5.0 | 0.21 | 1.00 | |
| Bromochloromethane | ND | 5.0 | 0.69 | 1.00 | |
| Bromodichloromethane | ND | 5.0 | 0.23 | 1.00 | |
| Bromoform | ND | 5.0 | 0.79 | 1.00 | |
| Bromomethane | ND | 25 | 9.4 | 1.00 | |
| 2-Butanone | ND | 50 | 3.8 | 1.00 | |
| n-Butylbenzene | ND | 5.0 | 0.16 | 1.00 | |
| sec-Butylbenzene | ND | 5.0 | 0.58 | 1.00 | |
| tert-Butylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| Carbon Disulfide | ND | 50 | 0.31 | 1.00 | |
| Carbon Tetrachloride | ND | 5.0 | 0.28 | 1.00 | |
| Chlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Chloroethane | ND | 5.0 | 1.5 | 1.00 | |
| Chloroform | ND | 5.0 | 0.24 | 1.00 | |
| Chloromethane | ND | 25 | 0.30 | 1.00 | |
| 2-Chlorotoluene | ND | 5.0 | 0.23 | 1.00 | |
| 4-Chlorotoluene | ND | 5.0 | 0.21 | 1.00 | |
| Dibromochloromethane | ND | 5.0 | 0.57 | 1.00 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 1.7 | 1.00 | |
| 1,2-Dibromoethane | ND | 5.0 | 0.26 | 1.00 | |
| Dibromomethane | ND | 5.0 | 0.77 | 1.00 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 0.23 | 1.00 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 0.18 | 1.00 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 0.22 | 1.00 | |
| Dichlorodifluoromethane | ND | 5.0 | 0.44 | 1.00 | |
| 1,1-Dichloroethane | ND | 5.0 | 0.21 | 1.00 | |
| 1,2-Dichloroethane | ND | 5.0 | 0.31 | 1.00 | |
| 1,1-Dichloroethene | ND | 5.0 | 0.35 | 1.00 | |
| c-1,2-Dichloroethene | ND | 5.0 | 0.28 | 1.00 | |
| t-1,2-Dichloroethene | ND | 5.0 | 0.51 | 1.00 | |
| 1,2-Dichloropropane | ND | 5.0 | 0.44 | 1.00 | |
| 1,3-Dichloropropane | ND | 5.0 | 0.25 | 1.00 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Analytical Report

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Result | RL | MDL | DF | Qualifiers |
|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 5.0 | 0.33 | 1.00 | |
| 1,1-Dichloropropene | ND | 5.0 | 0.33 | 1.00 | |
| c-1,3-Dichloropropene | ND | 5.0 | 0.25 | 1.00 | |
| t-1,3-Dichloropropene | ND | 5.0 | 0.61 | 1.00 | |
| Ethylbenzene | ND | 5.0 | 0.15 | 1.00 | |
| 2-Hexanone | ND | 50 | 1.8 | 1.00 | |
| Isopropylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| p-Isopropyltoluene | ND | 5.0 | 0.63 | 1.00 | |
| Methylene Chloride | ND | 50 | 1.3 | 1.00 | |
| 4-Methyl-2-Pentanone | ND | 50 | 4.3 | 1.00 | |
| Naphthalene | ND | 50 | 0.81 | 1.00 | |
| n-Propylbenzene | ND | 5.0 | 0.50 | 1.00 | |
| Styrene | ND | 5.0 | 0.60 | 1.00 | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | 0.24 | 1.00 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | 0.35 | 1.00 | |
| Tetrachloroethene | ND | 5.0 | 0.21 | 1.00 | |
| Toluene | ND | 5.0 | 0.52 | 1.00 | |
| 1,2,3-Trichlorobenzene | ND | 10 | 0.91 | 1.00 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | 0.31 | 1.00 | |
| 1,1,1-Trichloroethane | ND | 5.0 | 0.23 | 1.00 | |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.35 | 1.00 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 0.35 | 1.00 | |
| Trichloroethene | ND | 5.0 | 0.30 | 1.00 | |
| 1,2,3-Trichloropropane | ND | 5.0 | 0.83 | 1.00 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | 0.59 | 1.00 | |
| Trichlorofluoromethane | ND | 50 | 0.38 | 1.00 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | 0.55 | 1.00 | |
| Vinyl Acetate | ND | 50 | 4.7 | 1.00 | |
| Vinyl Chloride | ND | 5.0 | 0.50 | 1.00 | |
| p/m-Xylene | ND | 5.0 | 0.27 | 1.00 | |
| o-Xylene | ND | 5.0 | 0.56 | 1.00 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 0.30 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 102 | 60-132 | |
| Dibromofluoromethane | 105 | 63-141 | |
| 1,2-Dichloroethane-d4 | 106 | 62-146 | |
| Toluene-d8 | 98 | 70-130 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3060A
Method: EPA 7199

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **D32E33** | **Sample** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 19:55** | **160602S01P** |
| **D32E33** | **Matrix Spike** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:49** | **160602S01P** |
| **D32E33** | **Matrix Spike Duplicate** | **Concrete** | **IC 11** | **06/02/16** | **06/02/16 20:58** | **160602S01P** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 1349 | 20000 | 18200 | 84 | 19650 | 91 | 75-125 | 8 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC12AD13** | **Sample** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 15:18** | **160518S01** |
| **AC12AD13** | **Matrix Spike** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 14:09** | **160518S01** |
| **AC12AD13** | **Matrix Spike Duplicate** | **Concrete** | **GC 46** | **05/18/16** | **05/19/16 14:26** | **160518S01** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH as Diesel | 42.69 | 400.0 | 414.2 | 93 | 422.6 | 95 | 64-130 | 2 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 3 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:09** | **160518S05A** |
| **A1C2** | **Matrix Spike** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:10** | **160518S05A** |
| **A1C2** | **Matrix Spike Duplicate** | **Concrete** | **ICP 7300** | **05/18/16** | **05/24/16 11:11** | **160518S05A** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 9.390 | 38 | 11.35 | 45 | 50-115 | 19 | 0-20 | 3 |
| Arsenic | 7.453 | 25.00 | 32.01 | 98 | 32.75 | 101 | 75-125 | 2 | 0-20 | |
| Barium | 98.34 | 25.00 | 116.4 | 72 | 114.7 | 66 | 75-125 | 1 | 0-20 | 3 |
| Beryllium | ND | 25.00 | 25.35 | 101 | 25.58 | 102 | 75-125 | 1 | 0-20 | |
| Cadmium | ND | 25.00 | 25.52 | 102 | 25.45 | 102 | 75-125 | 0 | 0-20 | |
| Chromium | 11.41 | 25.00 | 34.93 | 94 | 35.70 | 97 | 75-125 | 2 | 0-20 | |
| Cobalt | 5.497 | 25.00 | 29.39 | 96 | 29.09 | 94 | 75-125 | 1 | 0-20 | |
| Copper | 25.04 | 25.00 | 49.25 | 97 | 49.34 | 97 | 75-125 | 0 | 0-20 | |
| Lead | 3.104 | 25.00 | 28.16 | 100 | 27.21 | 96 | 75-125 | 3 | 0-20 | |
| Molybdenum | 0.3630 | 25.00 | 25.79 | 102 | 25.16 | 99 | 75-125 | 2 | 0-20 | |
| Nickel | 6.234 | 25.00 | 29.46 | 93 | 28.78 | 90 | 75-125 | 2 | 0-20 | |
| Selenium | ND | 25.00 | 24.79 | 99 | 24.91 | 100 | 75-125 | 0 | 0-20 | |
| Silver | 0.3363 | 12.50 | 14.61 | 114 | 14.32 | 112 | 75-125 | 2 | 0-20 | |
| Thallium | ND | 25.00 | 25.41 | 102 | 24.40 | 98 | 75-125 | 4 | 0-20 | |
| Vanadium | 19.15 | 25.00 | 42.10 | 92 | 42.45 | 93 | 75-125 | 1 | 0-20 | |
| Zinc | 45.33 | 25.00 | 65.01 | 79 | 64.54 | 77 | 75-125 | 1 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:07** | **160523S05** |
| **A1C2** | **Matrix Spike** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:23** | **160523S05** |
| **A1C2** | **Matrix Spike Duplicate** | **Concrete** | **Mercury 05** | **05/23/16** | **05/24/16 17:25** | **160523S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.8195 | 98 | 0.8113 | 97 | 75-125 | 1 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3540C |
| | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 5 of 11 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB14AC15-0.5** | **Sample** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 19:08** | **160520S09** |
| **AB14AC15-0.5** | **Matrix Spike** | **Solid** | **GC 31** | **05/20/16** | **05/24/16 10:55** | **160520S09** |
| **AB14AC15-0.5** | **Matrix Spike Duplicate** | **Solid** | **GC 31** | **05/20/16** | **05/24/16 11:14** | **160520S09** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | 100.0 | 95.70 | 96 | 101.0 | 101 | 50-135 | 5 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 92.29 | 92 | 96.10 | 96 | 50-135 | 4 | 0-20 | |

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AC12AD13** | **Sample** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 12:12** | **160520S10** |
| **AC12AD13** | **Matrix Spike** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 11:35** | **160520S10** |
| **AC12AD13** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS CCC** | **05/20/16** | **05/23/16 11:54** | **160520S10** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 75-125 | 0 | 0-20 | 3 |
| Acenaphthene | ND | 5.000 | 3.668 | 73 | 3.576 | 72 | 34-148 | 3 | 0-20 | |
| Acenaphthylene | ND | 5.000 | 3.650 | 73 | 3.499 | 70 | 50-125 | 4 | 0-20 | |
| Aniline | ND | 5.000 | 4.357 | 87 | 4.158 | 83 | 50-130 | 5 | 0-20 | |
| Anthracene | ND | 5.000 | 4.265 | 85 | 4.034 | 81 | 25-140 | 6 | 0-20 | |
| Azobenzene | ND | 5.000 | 3.666 | 73 | 3.413 | 68 | 50-130 | 7 | 0-20 | |
| Benzidine | ND | 5.000 | 5.488 | 110 | 4.967 | 99 | 50-130 | 10 | 0-20 | |
| Benzo (a) Anthracene | ND | 5.000 | 4.378 | 88 | 4.157 | 83 | 30-145 | 5 | 0-20 | |
| Benzo (a) Pyrene | ND | 5.000 | 4.716 | 94 | 4.334 | 87 | 15-165 | 8 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 5.000 | 4.949 | 99 | 4.215 | 84 | 20-160 | 16 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 5.000 | 4.563 | 91 | 4.324 | 86 | 20-180 | 5 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 5.000 | 4.363 | 87 | 4.318 | 86 | 20-160 | 1 | 0-20 | |
| Benzoic Acid | ND | 5.000 | 0.5809 | 12 | 0.3903 | 8 | 50-130 | 39 | 0-20 | 3,4 |
| Benzyl Alcohol | ND | 5.000 | 3.470 | 69 | 3.391 | 68 | 50-130 | 2 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 5.000 | 3.276 | 66 | 3.199 | 64 | 30-185 | 2 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 5.000 | 3.078 | 62 | 2.943 | 59 | 10-160 | 4 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 5.000 | 2.972 | 59 | 2.901 | 58 | 35-170 | 2 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.000 | 4.937 | 99 | 4.632 | 93 | 20-165 | 6 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 5.000 | 4.084 | 82 | 3.927 | 79 | 50-130 | 4 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 5.000 | 4.986 | 100 | 4.565 | 91 | 40-140 | 9 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 5.000 | 0.09804 | 2 | 0.1569 | 3 | 50-125 | 46 | 0-20 | 3,4 |
| 4-Chloroaniline | ND | 5.000 | 5.235 | 105 | 5.224 | 104 | 50-130 | 0 | 0-20 | |
| 2-Chloronaphthalene | ND | 5.000 | 3.515 | 70 | 3.376 | 68 | 60-120 | 4 | 0-20 | |
| 2-Chlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 53-120 | 0 | 0-20 | 3 |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.000 | 3.765 | 75 | 3.645 | 73 | 20-160 | 3 | 0-20 | |
| Chrysene | ND | 5.000 | 4.341 | 87 | 4.067 | 81 | 15-170 | 7 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 5.000 | 4.322 | 86 | 4.156 | 83 | 20-120 | 4 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 5.000 | 5.764 | 115 | 5.029 | 101 | 20-150 | 14 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 5.000 | 4.472 | 89 | 4.191 | 84 | 20-180 | 7 | 0-20 | |
| Dibenzofuran | ND | 5.000 | 3.696 | 74 | 3.508 | 70 | 50-130 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 5.000 | 3.009 | 60 | 3.012 | 60 | 32-129 | 0 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 5.000 | 2.817 | 56 | 2.843 | 57 | 20-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 5.000 | 2.894 | 58 | 2.910 | 58 | 43-120 | 1 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 5.000 | 5.290 | 106 | 4.967 | 99 | 20-180 | 6 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 39-135 | 0 | 0-20 | 3 |
| Diethyl Phthalate | ND | 5.000 | 3.653 | 73 | 3.556 | 71 | 20-145 | 3 | 0-20 | |
| Dimethyl Phthalate | ND | 5.000 | 3.422 | 68 | 3.327 | 67 | 50-125 | 3 | 0-20 | |
| 2,4-Dimethylphenol | ND | 5.000 | 2.393 | 48 | 2.442 | 49 | 32-119 | 2 | 0-20 | |
| 4,6-Dinitro-2-Methylphenol | ND | 5.000 | 0.9375 | 19 | 0.9611 | 19 | 20-180 | 2 | 0-20 | 3 |
| 2,4-Dinitrophenol | ND | 5.000 | 1.080 | 22 | 1.065 | 21 | 20-180 | 1 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 5.000 | 4.006 | 80 | 3.853 | 77 | 51-129 | 4 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 5.000 | 4.139 | 83 | 3.985 | 80 | 50-158 | 4 | 0-20 | |
| Fluoranthene | ND | 5.000 | 4.515 | 90 | 4.294 | 86 | 25-140 | 5 | 0-20 | |
| Fluorene | ND | 5.000 | 3.890 | 78 | 3.750 | 75 | 50-130 | 4 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 5.000 | 3.253 | 65 | 3.202 | 64 | 20-120 | 2 | 0-20 | |
| Hexachlorobenzene | ND | 5.000 | 3.837 | 77 | 3.640 | 73 | 20-150 | 5 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 5.000 | 2.747 | 55 | 2.564 | 51 | 50-130 | 7 | 0-20 | |
| Hexachloroethane | ND | 5.000 | 2.892 | 58 | 2.923 | 58 | 40-115 | 1 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.000 | 4.366 | 87 | 4.098 | 82 | 20-180 | 6 | 0-20 | |
| Isophorone | 9.324 | 5.000 | 13.96 | 93 | 13.98 | 93 | 20-196 | 0 | 0-20 | |
| 2-Methylnaphthalene | ND | 5.000 | 3.686 | 74 | 3.633 | 73 | 20-145 | 1 | 0-20 | |
| 1-Methylnaphthalene | ND | 5.000 | 3.284 | 66 | 3.201 | 64 | 20-180 | 3 | 0-20 | |
| 2-Methylphenol | ND | 5.000 | 1.783 | 36 | 1.985 | 40 | 50-130 | 11 | 0-20 | 3 |
| 3/4-Methylphenol | ND | 10.00 | 1.837 | 18 | 2.169 | 22 | 50-130 | 17 | 0-20 | 3 |
| N-Nitroso-di-n-propylamine | ND | 5.000 | 3.175 | 63 | 3.108 | 62 | 38-140 | 2 | 0-20 | |
| N-Nitrosodimethylamine | ND | 5.000 | 1.093 | 22 | 1.138 | 23 | 50-130 | 4 | 0-20 | 3 |
| N-Nitrosodiphenylamine | ND | 5.000 | 4.622 | 92 | 4.458 | 89 | 50-130 | 4 | 0-20 | |
| Naphthalene | ND | 5.000 | 3.329 | 67 | 3.216 | 64 | 20-140 | 3 | 0-20 | |
| 4-Nitroaniline | ND | 5.000 | 4.235 | 85 | 4.093 | 82 | 50-130 | 3 | 0-20 | |
| 3-Nitroaniline | ND | 5.000 | 5.879 | 118 | 5.669 | 113 | 50-130 | 4 | 0-20 | |
| 2-Nitroaniline | ND | 5.000 | 3.829 | 77 | 3.598 | 72 | 50-130 | 6 | 0-20 | |
| Nitrobenzene | ND | 5.000 | 3.282 | 66 | 3.171 | 63 | 35-180 | 3 | 0-20 | |
| 4-Nitrophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 14-128 | 0 | 0-59 | 3 |
| 2-Nitrophenol | ND | 5.000 | 0.2358 | 5 | 0.2440 | 5 | 25-185 | 3 | 0-20 | 3 |
| Pentachlorophenol | ND | 5.000 | 0 | 0 | 0.07624 | 2 | 10-124 | 200 | 0-20 | 3,4 |
| Phenanthrene | ND | 5.000 | 4.330 | 87 | 4.106 | 82 | 50-125 | 5 | 0-20 | |
| Phenol | ND | 5.000 | 0.2523 | 5 | 0.2978 | 6 | 22-124 | 17 | 0-20 | 3 |
| Pyrene | ND | 5.000 | 4.325 | 87 | 4.070 | 81 | 31-169 | 6 | 0-20 | |
| Pyridine | ND | 5.000 | 5.217 | 104 | 5.177 | 104 | 50-130 | 1 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 5.000 | 3.331 | 67 | 3.290 | 66 | 40-130 | 1 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 37-144 | 0 | 0-20 | 3 |
| 2,4,5-Trichlorophenol | ND | 5.000 | 0 | 0 | 0 | 0 | 50-130 | 0 | 0-20 | 3 |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **16-05-1467-2** | **Sample** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 14:56** | **160526S05** |
| **16-05-1467-2** | **Matrix Spike** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 14:20** | **160526S05** |
| **16-05-1467-2** | **Matrix Spike Duplicate** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 14:38** | **160526S05** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | ND | 5.000 | 3.591 | 72 | 3.772 | 75 | 75-125 | 5 | 0-20 | 3 |
| Acenaphthene | ND | 5.000 | 3.612 | 72 | 3.847 | 77 | 34-148 | 6 | 0-20 | |
| Acenaphthylene | ND | 5.000 | 3.574 | 71 | 3.798 | 76 | 50-125 | 6 | 0-20 | |
| Aniline | ND | 5.000 | 3.301 | 66 | 3.436 | 69 | 50-130 | 4 | 0-20 | |
| Anthracene | ND | 5.000 | 3.706 | 74 | 3.906 | 78 | 25-140 | 5 | 0-20 | |
| Azobenzene | ND | 5.000 | 3.419 | 68 | 3.598 | 72 | 50-130 | 5 | 0-20 | |
| Benzidine | ND | 5.000 | 2.810 | 56 | 3.066 | 61 | 50-130 | 9 | 0-20 | |
| Benzo (a) Anthracene | ND | 5.000 | 3.657 | 73 | 3.873 | 77 | 30-145 | 6 | 0-20 | |
| Benzo (a) Pyrene | ND | 5.000 | 3.678 | 74 | 3.888 | 78 | 15-165 | 6 | 0-20 | |
| Benzo (b) Fluoranthene | ND | 5.000 | 3.707 | 74 | 3.833 | 77 | 20-160 | 3 | 0-20 | |
| Benzo (g,h,i) Perylene | ND | 5.000 | 3.695 | 74 | 3.901 | 78 | 20-180 | 5 | 0-20 | |
| Benzo (k) Fluoranthene | ND | 5.000 | 3.542 | 71 | 3.801 | 76 | 20-160 | 7 | 0-20 | |
| Benzoic Acid | ND | 5.000 | 3.696 | 74 | 3.985 | 80 | 50-130 | 8 | 0-20 | |
| Benzyl Alcohol | ND | 5.000 | 3.497 | 70 | 3.547 | 71 | 50-130 | 1 | 0-20 | |
| Bis(2-Chloroethoxy) Methane | ND | 5.000 | 3.475 | 70 | 3.580 | 72 | 30-185 | 3 | 0-20 | |
| Bis(2-Chloroethyl) Ether | ND | 5.000 | 3.526 | 71 | 3.509 | 70 | 10-160 | 0 | 0-20 | |
| Bis(2-Chloroisopropyl) Ether | ND | 5.000 | 3.342 | 67 | 3.376 | 68 | 35-170 | 1 | 0-20 | |
| Bis(2-Ethylhexyl) Phthalate | ND | 5.000 | 3.996 | 80 | 4.224 | 84 | 20-165 | 6 | 0-20 | |
| 4-Bromophenyl-Phenyl Ether | ND | 5.000 | 3.649 | 73 | 3.939 | 79 | 50-130 | 8 | 0-20 | |
| Butyl Benzyl Phthalate | ND | 5.000 | 3.867 | 77 | 4.134 | 83 | 40-140 | 7 | 0-20 | |
| 4-Chloro-3-Methylphenol | ND | 5.000 | 3.464 | 69 | 3.647 | 73 | 50-125 | 5 | 0-20 | |
| 4-Chloroaniline | ND | 5.000 | 3.475 | 70 | 3.703 | 74 | 50-130 | 6 | 0-20 | |
| 2-Chloronaphthalene | ND | 5.000 | 3.542 | 71 | 3.707 | 74 | 60-120 | 5 | 0-20 | |
| 2-Chlorophenol | ND | 5.000 | 3.569 | 71 | 3.594 | 72 | 53-120 | 1 | 0-20 | |
| 4-Chlorophenyl-Phenyl Ether | ND | 5.000 | 3.566 | 71 | 3.740 | 75 | 20-160 | 5 | 0-20 | |
| Chrysene | ND | 5.000 | 3.527 | 71 | 3.791 | 76 | 15-170 | 7 | 0-20 | |
| Di-n-Butyl Phthalate | ND | 5.000 | 3.628 | 73 | 3.865 | 77 | 20-120 | 6 | 0-20 | |
| Di-n-Octyl Phthalate | ND | 5.000 | 3.735 | 75 | 3.993 | 80 | 20-150 | 7 | 0-20 | |
| Dibenz (a,h) Anthracene | ND | 5.000 | 3.534 | 71 | 3.757 | 75 | 20-180 | 6 | 0-20 | |
| Dibenzofuran | ND | 5.000 | 3.583 | 72 | 3.763 | 75 | 50-130 | 5 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 5.000 | 3.640 | 73 | 3.600 | 72 | 32-129 | 1 | 0-20 | |
| 1,3-Dichlorobenzene | ND | 5.000 | 3.650 | 73 | 3.586 | 72 | 20-130 | 2 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 5.000 | 3.626 | 73 | 3.581 | 72 | 43-120 | 1 | 0-26 | |
| 3,3'-Dichlorobenzidine | ND | 5.000 | 2.552 | 51 | 2.766 | 55 | 20-180 | 8 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

| | |
|---|---|
| Haley & Aldrich, Inc. | Date Received: 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: EPA 3545 |
| | Method: EPA 8270C |

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 Page 9 of 11

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,4-Dichlorophenol | ND | 5.000 | 3.627 | 73 | 3.722 | 74 | 39-135 | 3 | 0-20 | |
| Diethyl Phthalate | ND | 5.000 | 3.439 | 69 | 3.688 | 74 | 20-145 | 7 | 0-20 | |
| Dimethyl Phthalate | ND | 5.000 | 3.504 | 70 | 3.714 | 74 | 50-125 | 6 | 0-20 | |
| 2,4-Dimethylphenol | ND | 5.000 | 3.681 | 74 | 3.785 | 76 | 32-119 | 3 | 0-20 | |
| 4,6-Dinitro-2-Methylphenol | ND | 5.000 | 4.205 | 84 | 4.566 | 91 | 20-180 | 8 | 0-20 | |
| 2,4-Dinitrophenol | ND | 5.000 | 4.359 | 87 | 4.793 | 96 | 20-180 | 9 | 0-20 | |
| 2,4-Dinitrotoluene | ND | 5.000 | 3.968 | 79 | 4.264 | 85 | 51-129 | 7 | 0-20 | |
| 2,6-Dinitrotoluene | ND | 5.000 | 3.931 | 79 | 4.200 | 84 | 50-158 | 7 | 0-20 | |
| Fluoranthene | ND | 5.000 | 3.736 | 75 | 4.022 | 80 | 25-140 | 7 | 0-20 | |
| Fluorene | ND | 5.000 | 3.667 | 73 | 3.897 | 78 | 50-130 | 6 | 0-20 | |
| Hexachloro-1,3-Butadiene | ND | 5.000 | 3.606 | 72 | 3.693 | 74 | 20-120 | 2 | 0-20 | |
| Hexachlorobenzene | ND | 5.000 | 3.550 | 71 | 3.769 | 75 | 20-150 | 6 | 0-20 | |
| Hexachlorocyclopentadiene | ND | 5.000 | 4.174 | 83 | 4.289 | 86 | 50-130 | 3 | 0-20 | |
| Hexachloroethane | ND | 5.000 | 3.742 | 75 | 3.661 | 73 | 40-115 | 2 | 0-20 | |
| Indeno (1,2,3-c,d) Pyrene | ND | 5.000 | 3.506 | 70 | 3.696 | 74 | 20-180 | 5 | 0-20 | |
| Isophorone | ND | 5.000 | 3.421 | 68 | 3.565 | 71 | 20-196 | 4 | 0-20 | |
| 2-Methylnaphthalene | ND | 5.000 | 3.747 | 75 | 3.899 | 78 | 20-145 | 4 | 0-20 | |
| 1-Methylnaphthalene | ND | 5.000 | 3.296 | 66 | 3.423 | 68 | 20-180 | 4 | 0-20 | |
| 2-Methylphenol | ND | 5.000 | 3.560 | 71 | 3.624 | 72 | 50-130 | 2 | 0-20 | |
| 3/4-Methylphenol | ND | 10.00 | 7.262 | 73 | 7.500 | 75 | 50-130 | 3 | 0-20 | |
| N-Nitroso-di-n-propylamine | ND | 5.000 | 3.460 | 69 | 3.495 | 70 | 38-140 | 1 | 0-20 | |
| N-Nitrosodimethylamine | ND | 5.000 | 3.576 | 72 | 3.510 | 70 | 50-130 | 2 | 0-20 | |
| N-Nitrosodiphenylamine | ND | 5.000 | 4.067 | 81 | 4.293 | 86 | 50-130 | 5 | 0-20 | |
| Naphthalene | ND | 5.000 | 3.559 | 71 | 3.688 | 74 | 20-140 | 4 | 0-20 | |
| 4-Nitroaniline | ND | 5.000 | 3.509 | 70 | 3.809 | 76 | 50-130 | 8 | 0-20 | |
| 3-Nitroaniline | ND | 5.000 | 4.148 | 83 | 4.441 | 89 | 50-130 | 7 | 0-20 | |
| 2-Nitroaniline | ND | 5.000 | 3.718 | 74 | 3.923 | 78 | 50-130 | 5 | 0-20 | |
| Nitrobenzene | ND | 5.000 | 3.575 | 72 | 3.632 | 73 | 35-180 | 2 | 0-20 | |
| 4-Nitrophenol | ND | 5.000 | 3.685 | 74 | 3.980 | 80 | 14-128 | 8 | 0-59 | |
| 2-Nitrophenol | ND | 5.000 | 3.830 | 77 | 3.941 | 79 | 25-185 | 3 | 0-20 | |
| Pentachlorophenol | ND | 5.000 | 3.521 | 70 | 3.786 | 76 | 10-124 | 7 | 0-20 | |
| Phenanthrene | ND | 5.000 | 3.805 | 76 | 4.016 | 80 | 50-125 | 5 | 0-20 | |
| Phenol | ND | 5.000 | 3.495 | 70 | 3.605 | 72 | 22-124 | 3 | 0-20 | |
| Pyrene | ND | 5.000 | 3.736 | 75 | 3.960 | 79 | 31-169 | 6 | 0-20 | |
| Pyridine | ND | 5.000 | 4.177 | 84 | 4.003 | 80 | 50-130 | 4 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 5.000 | 3.688 | 74 | 3.687 | 74 | 40-130 | 0 | 0-20 | |
| 2,4,6-Trichlorophenol | ND | 5.000 | 3.596 | 72 | 3.773 | 75 | 37-144 | 5 | 0-20 | |
| 2,4,5-Trichlorophenol | ND | 5.000 | 3.478 | 70 | 3.707 | 74 | 50-130 | 6 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|---|
| **AB8AC9** | **Sample** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:00** | **160518S001** |
| **AB8AC9** | **Matrix Spike** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:26** | **160518S001** |
| **AB8AC9** | **Matrix Spike Duplicate** | **Concrete** | **GC/MS Q** | **05/17/16** | **05/18/16 12:52** | **160518S001** |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50.00 | 62.21 | 124 | 63.23 | 126 | 70-130 | 2 | 0-20 | |
| Benzene | ND | 50.00 | 45.83 | 92 | 44.69 | 89 | 61-127 | 3 | 0-20 | |
| Bromobenzene | ND | 50.00 | 46.08 | 92 | 45.10 | 90 | 70-130 | 2 | 0-20 | |
| Bromochloromethane | ND | 50.00 | 48.91 | 98 | 48.83 | 98 | 70-130 | 0 | 0-20 | |
| Bromodichloromethane | ND | 50.00 | 49.65 | 99 | 47.18 | 94 | 70-130 | 5 | 0-20 | |
| Bromoform | ND | 50.00 | 50.54 | 101 | 50.79 | 102 | 70-130 | 0 | 0-20 | |
| Bromomethane | ND | 50.00 | 41.05 | 82 | 39.25 | 78 | 70-130 | 4 | 0-20 | |
| 2-Butanone | ND | 50.00 | 48.59 | 97 | 50.33 | 101 | 70-130 | 4 | 0-20 | |
| n-Butylbenzene | ND | 50.00 | 47.65 | 95 | 46.90 | 94 | 77-123 | 2 | 0-25 | |
| sec-Butylbenzene | ND | 50.00 | 46.83 | 94 | 46.25 | 93 | 70-130 | 1 | 0-20 | |
| tert-Butylbenzene | ND | 50.00 | 42.61 | 85 | 41.61 | 83 | 70-130 | 2 | 0-20 | |
| Carbon Disulfide | ND | 50.00 | 46.69 | 93 | 44.35 | 89 | 70-130 | 5 | 0-20 | |
| Carbon Tetrachloride | ND | 50.00 | 58.15 | 116 | 58.11 | 116 | 51-135 | 0 | 0-29 | |
| Chlorobenzene | ND | 50.00 | 46.10 | 92 | 44.86 | 90 | 57-123 | 3 | 0-20 | |
| Chloroethane | ND | 50.00 | 55.80 | 112 | 54.81 | 110 | 70-130 | 2 | 0-20 | |
| Chloroform | ND | 50.00 | 49.86 | 100 | 48.83 | 98 | 70-130 | 2 | 0-20 | |
| Chloromethane | ND | 50.00 | 56.94 | 114 | 55.55 | 111 | 70-130 | 2 | 0-20 | |
| 2-Chlorotoluene | ND | 50.00 | 45.91 | 92 | 45.00 | 90 | 70-130 | 2 | 0-20 | |
| 4-Chlorotoluene | ND | 50.00 | 46.51 | 93 | 45.69 | 91 | 70-130 | 2 | 0-20 | |
| Dibromochloromethane | ND | 50.00 | 48.02 | 96 | 47.07 | 94 | 70-130 | 2 | 0-20 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50.00 | 40.95 | 82 | 38.38 | 77 | 70-130 | 6 | 0-20 | |
| 1,2-Dibromoethane | ND | 50.00 | 45.25 | 91 | 45.15 | 90 | 64-124 | 0 | 0-20 | |
| Dibromomethane | ND | 50.00 | 47.86 | 96 | 47.36 | 95 | 70-130 | 1 | 0-20 | |
| 1,2-Dichlorobenzene | ND | 50.00 | 45.23 | 90 | 45.05 | 90 | 35-131 | 0 | 0-25 | |
| 1,3-Dichlorobenzene | ND | 50.00 | 45.61 | 91 | 45.11 | 90 | 70-130 | 1 | 0-20 | |
| 1,4-Dichlorobenzene | ND | 50.00 | 45.26 | 91 | 44.42 | 89 | 70-130 | 2 | 0-20 | |
| Dichlorodifluoromethane | ND | 50.00 | 44.46 | 89 | 43.57 | 87 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethane | ND | 50.00 | 51.98 | 104 | 51.14 | 102 | 70-130 | 2 | 0-20 | |
| 1,2-Dichloroethane | ND | 50.00 | 47.19 | 94 | 46.14 | 92 | 70-130 | 2 | 0-20 | |
| 1,1-Dichloroethene | ND | 50.00 | 55.79 | 112 | 60.57 | 121 | 47-143 | 8 | 0-25 | |
| c-1,2-Dichloroethene | ND | 50.00 | 49.47 | 99 | 49.40 | 99 | 70-130 | 0 | 0-20 | |
| t-1,2-Dichloroethene | ND | 50.00 | 49.86 | 100 | 49.23 | 98 | 70-130 | 1 | 0-20 | |
| 1,2-Dichloropropane | ND | 50.00 | 49.68 | 99 | 49.19 | 98 | 79-115 | 1 | 0-25 | |
| 1,3-Dichloropropane | ND | 50.00 | 45.35 | 91 | 44.79 | 90 | 70-130 | 1 | 0-20 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | 50.00 | 50.35 | 101 | 49.93 | 100 | 70-130 | 1 | 0-20 | |
| 1,1-Dichloropropene | ND | 50.00 | 51.58 | 103 | 51.23 | 102 | 70-130 | 1 | 0-20 | |
| c-1,3-Dichloropropene | ND | 50.00 | 50.35 | 101 | 49.56 | 99 | 70-130 | 2 | 0-20 | |
| t-1,3-Dichloropropene | ND | 50.00 | 48.52 | 97 | 49.16 | 98 | 70-130 | 1 | 0-20 | |
| Ethylbenzene | ND | 50.00 | 46.68 | 93 | 45.04 | 90 | 57-129 | 4 | 0-22 | |
| 2-Hexanone | ND | 50.00 | 45.26 | 91 | 46.34 | 93 | 70-130 | 2 | 0-20 | |
| Isopropylbenzene | ND | 50.00 | 47.45 | 95 | 46.22 | 92 | 70-130 | 3 | 0-20 | |
| p-Isopropyltoluene | ND | 50.00 | 48.04 | 96 | 46.86 | 94 | 70-130 | 2 | 0-20 | |
| Methylene Chloride | ND | 50.00 | 48.61 | 97 | 48.18 | 96 | 70-130 | 1 | 0-20 | |
| 4-Methyl-2-Pentanone | ND | 50.00 | 43.67 | 87 | 45.00 | 90 | 70-130 | 3 | 0-20 | |
| Naphthalene | ND | 50.00 | 42.61 | 85 | 43.71 | 87 | 70-130 | 3 | 0-20 | |
| n-Propylbenzene | ND | 50.00 | 47.50 | 95 | 46.15 | 92 | 70-130 | 3 | 0-20 | |
| Styrene | ND | 50.00 | 45.75 | 91 | 44.84 | 90 | 70-130 | 2 | 0-20 | |
| 1,1,1,2-Tetrachloroethane | ND | 50.00 | 49.92 | 100 | 48.77 | 98 | 70-130 | 2 | 0-20 | |
| 1,1,2,2-Tetrachloroethane | ND | 50.00 | 0.3055 | 1 | 1.090 | 2 | 70-130 | 112 | 0-20 | 3,4 |
| Tetrachloroethene | ND | 50.00 | 83.46 | 167 | 80.81 | 162 | 70-130 | 3 | 0-20 | 3 |
| Toluene | ND | 50.00 | 48.54 | 97 | 47.30 | 95 | 63-123 | 3 | 0-20 | |
| 1,2,3-Trichlorobenzene | ND | 50.00 | 46.44 | 93 | 46.08 | 92 | 70-130 | 1 | 0-20 | |
| 1,2,4-Trichlorobenzene | ND | 50.00 | 49.54 | 99 | 48.88 | 98 | 70-130 | 1 | 0-20 | |
| 1,1,1-Trichloroethane | ND | 50.00 | 51.01 | 102 | 50.49 | 101 | 70-130 | 1 | 0-20 | |
| 1,1,2-Trichloroethane | ND | 50.00 | 41.12 | 82 | 36.43 | 73 | 70-130 | 12 | 0-20 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50.00 | 52.38 | 105 | 50.98 | 102 | 70-130 | 3 | 0-20 | |
| Trichloroethene | ND | 50.00 | 90.68 | 181 | 88.64 | 177 | 44-158 | 2 | 0-20 | 3 |
| 1,2,3-Trichloropropane | ND | 50.00 | 45.36 | 91 | 44.77 | 90 | 70-130 | 1 | 0-20 | |
| 1,2,4-Trimethylbenzene | ND | 50.00 | 46.26 | 93 | 45.72 | 91 | 70-130 | 1 | 0-20 | |
| Trichlorofluoromethane | ND | 50.00 | 56.21 | 112 | 55.45 | 111 | 70-130 | 1 | 0-20 | |
| 1,3,5-Trimethylbenzene | ND | 50.00 | 48.06 | 96 | 46.35 | 93 | 70-130 | 4 | 0-20 | |
| Vinyl Acetate | ND | 50.00 | 0.2398 | 0 | 0.2870 | 1 | 70-130 | 18 | 0-20 | 3 |
| Vinyl Chloride | ND | 50.00 | 52.25 | 105 | 51.76 | 104 | 49-139 | 1 | 0-47 | |
| p/m-Xylene | ND | 100.0 | 92.66 | 93 | 91.52 | 92 | 70-130 | 1 | 0-20 | |
| o-Xylene | ND | 50.00 | 46.61 | 93 | 46.04 | 92 | 70-130 | 1 | 0-20 | |
| Methyl-t-Butyl Ether (MTBE) | ND | 50.00 | 46.39 | 93 | 47.03 | 94 | 57-123 | 1 | 0-21 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3050B |
| | | Method: | EPA 6010B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 1 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **ICP 7300** | **05/18/16 00:00** | **05/24/16 11:09** | **160518S05A** |
| **A1C2** | **PDS** | **Concrete** | **ICP 7300** | **05/18/16 00:00** | **05/24/16 11:12** | **160518S05A** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ND | 25.00 | 23.89 | 96 | 75-125 | |
| Arsenic | 7.453 | 25.00 | 30.80 | 93 | 75-125 | |
| Barium | 98.34 | 25.00 | 121.1 | 91 | 75-125 | |
| Beryllium | ND | 25.00 | 24.16 | 97 | 75-125 | |
| Cadmium | ND | 25.00 | 23.52 | 94 | 75-125 | |
| Chromium | 11.41 | 25.00 | 35.07 | 95 | 75-125 | |
| Cobalt | 5.497 | 25.00 | 28.50 | 92 | 75-125 | |
| Copper | 25.04 | 25.00 | 49.56 | 98 | 75-125 | |
| Lead | 3.104 | 25.00 | 26.21 | 92 | 75-125 | |
| Molybdenum | 0.3630 | 25.00 | 24.76 | 98 | 75-125 | |
| Nickel | 6.234 | 25.00 | 28.79 | 90 | 75-125 | |
| Selenium | ND | 25.00 | 25.27 | 101 | 75-125 | |
| Silver | 0.3363 | 12.50 | 13.15 | 103 | 75-125 | |
| Thallium | ND | 25.00 | 22.71 | 91 | 75-125 | |
| Vanadium | 19.15 | 25.00 | 42.97 | 95 | 75-125 | |
| Zinc | 45.33 | 25.00 | 67.18 | 87 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - PDS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 2 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | PDS/PDSD Batch Number |
|---|---|---|---|---|---|---|
| **A1C2** | **Sample** | **Concrete** | **Mercury 05** | **05/23/16 00:00** | **05/24/16 17:07** | **160523S05** |
| **A1C2** | **PDS** | **Concrete** | **Mercury 05** | **05/23/16 00:00** | **05/24/16 16:56** | **160523S05** |

| Parameter | Sample Conc. | Spike Added | PDS Conc. | PDS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.8350 | 0.9796 | 117 | 75-125 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3060A |
| | | Method: | EPA 7199 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 1 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-05-125-2923** | **LCS** | **Solid** | **IC 11** | **06/02/16** | **06/02/16 19:01** | **160602L01P** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Chromium, Hexavalent | 20000 | 19760 | 99 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3550B |
| | | Method: | EPA 8015B (M) |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 2 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-15-490-2098** | **LCS** | **Solid** | **GC 46** | **05/18/16** | **05/19/16 13:52** | **160518B01** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Diesel | 400.0 | 355.1 | 89 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **097-01-002-22697** | **LCS** | **Solid** | **ICP 7300** | **05/18/16** | **05/24/16 11:06** | **160518L05D** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | 25.00 | 23.63 | 95 | 80-120 | 73-127 | |
| Arsenic | 25.00 | 23.39 | 94 | 80-120 | 73-127 | |
| Barium | 25.00 | 25.56 | 102 | 80-120 | 73-127 | |
| Beryllium | 25.00 | 22.59 | 90 | 80-120 | 73-127 | |
| Cadmium | 25.00 | 24.53 | 98 | 80-120 | 73-127 | |
| Chromium | 25.00 | 24.57 | 98 | 80-120 | 73-127 | |
| Cobalt | 25.00 | 25.47 | 102 | 80-120 | 73-127 | |
| Copper | 25.00 | 24.08 | 96 | 80-120 | 73-127 | |
| Lead | 25.00 | 24.95 | 100 | 80-120 | 73-127 | |
| Molybdenum | 25.00 | 24.30 | 97 | 80-120 | 73-127 | |
| Nickel | 25.00 | 24.63 | 99 | 80-120 | 73-127 | |
| Selenium | 25.00 | 23.06 | 92 | 80-120 | 73-127 | |
| Silver | 12.50 | 11.98 | 96 | 80-120 | 73-127 | |
| Thallium | 25.00 | 24.97 | 100 | 80-120 | 73-127 | |
| Vanadium | 25.00 | 24.01 | 96 | 80-120 | 73-127 | |
| Zinc | 25.00 | 24.60 | 98 | 80-120 | 73-127 | |

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 7471A Total |
| | | Method: | EPA 7471A |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 4 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-480-38** | **LCS** | **Solid** | **Mercury 05** | **05/23/16** | **05/23/16 20:04** | **160523L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Mercury | 0.8350 | 0.8249 | 99 | 80-120 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 3540C |
| | | Method: | EPA 8082 |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 5 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-12-535-3742** | **LCS** | **Solid** | **GC 31** | **05/20/16** | **05/23/16 17:52** | **160520L09** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | Qualifiers |
|---|---|---|---|---|---|
| Aroclor-1016 | 100.0 | 96.06 | 96 | 50-135 | |
| Aroclor-1260 | 100.0 | 103.9 | 104 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-55** | **LCS** | **Solid** | **GC/MS CCC** | **05/20/16** | **05/23/16 11:15** | **160520L10** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 5.000 | 3.895 | 78 | 80-120 | 73-127 | ME |
| Acenaphthene | 5.000 | 4.002 | 80 | 51-123 | 39-135 | |
| Acenaphthylene | 5.000 | 3.926 | 79 | 52-120 | 41-131 | |
| Aniline | 5.000 | 5.010 | 100 | 50-130 | 37-143 | |
| Anthracene | 5.000 | 4.127 | 83 | 27-133 | 9-151 | |
| Azobenzene | 5.000 | 3.874 | 77 | 50-130 | 37-143 | |
| Benzidine | 5.000 | 3.993 | 80 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 5.000 | 4.368 | 87 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 5.000 | 4.413 | 88 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 5.000 | 4.365 | 87 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 5.000 | 4.393 | 88 | 20-180 | 0-207 | |
| Benzo (k) Fluoranthene | 5.000 | 4.295 | 86 | 24-159 | 2-182 | |
| Benzoic Acid | 5.000 | 1.934 | 39 | 50-130 | 37-143 | ME |
| Benzyl Alcohol | 5.000 | 3.987 | 80 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 5.000 | 3.783 | 76 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 5.000 | 3.866 | 77 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 5.000 | 3.823 | 76 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 5.000 | 4.822 | 96 | 20-160 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 5.000 | 4.002 | 80 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 5.000 | 4.603 | 92 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 5.000 | 4.019 | 80 | 55-121 | 44-132 | |
| 4-Chloroaniline | 5.000 | 5.315 | 106 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 5.000 | 3.815 | 76 | 60-118 | 50-128 | |
| 2-Chlorophenol | 5.000 | 4.150 | 83 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 5.000 | 3.852 | 77 | 25-158 | 3-180 | |
| Chrysene | 5.000 | 4.174 | 83 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 5.000 | 4.313 | 86 | 20-120 | 3-137 | |
| Di-n-Octyl Phthalate | 5.000 | 4.622 | 92 | 20-146 | 0-167 | |
| Dibenz (a,h) Anthracene | 5.000 | 4.188 | 84 | 20-180 | 0-207 | |
| Dibenzofuran | 5.000 | 3.844 | 77 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 5.000 | 3.837 | 77 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 5.000 | 3.677 | 74 | 20-130 | 2-148 | |
| 1,4-Dichlorobenzene | 5.000 | 3.778 | 76 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 5.000 | 4.949 | 99 | 20-180 | 0-207 | |
| 2,4-Dichlorophenol | 5.000 | 3.862 | 77 | 39-135 | 23-151 | |
| Diethyl Phthalate | 5.000 | 3.888 | 78 | 20-114 | 4-130 | |
| Dimethyl Phthalate | 5.000 | 3.805 | 76 | 51-123 | 39-135 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | 5.000 | 3.975 | 80 | 32-119 | 18-134 | |
| 4,6-Dinitro-2-Methylphenol | 5.000 | 3.844 | 77 | 20-180 | 0-207 | |
| 2,4-Dinitrophenol | 5.000 | 2.665 | 53 | 20-180 | 0-207 | |
| 2,4-Dinitrotoluene | 5.000 | 4.478 | 90 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 5.000 | 4.310 | 86 | 50-158 | 32-176 | |
| Fluoranthene | 5.000 | 4.334 | 87 | 26-137 | 8-156 | |
| Fluorene | 5.000 | 4.062 | 81 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 5.000 | 3.758 | 75 | 24-116 | 9-131 | |
| Hexachlorobenzene | 5.000 | 3.968 | 79 | 20-150 | 0-172 | |
| Hexachlorocyclopentadiene | 5.000 | 3.843 | 77 | 50-130 | 37-143 | |
| Hexachloroethane | 5.000 | 3.857 | 77 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 5.000 | 4.127 | 83 | 20-180 | 0-207 | |
| Isophorone | 5.000 | 3.727 | 75 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 5.000 | 4.069 | 81 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 5.000 | 3.593 | 72 | 20-140 | 0-160 | |
| 2-Methylphenol | 5.000 | 4.047 | 81 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 10.00 | 8.377 | 84 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 5.000 | 3.982 | 80 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 5.000 | 3.641 | 73 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 5.000 | 4.564 | 91 | 50-130 | 37-143 | |
| Naphthalene | 5.000 | 3.919 | 78 | 32-146 | 13-165 | |
| 4-Nitroaniline | 5.000 | 4.101 | 82 | 50-130 | 37-143 | |
| 3-Nitroaniline | 5.000 | 5.662 | 113 | 50-130 | 37-143 | |
| 2-Nitroaniline | 5.000 | 4.035 | 81 | 50-130 | 37-143 | |
| Nitrobenzene | 5.000 | 3.885 | 78 | 35-180 | 11-204 | |
| 4-Nitrophenol | 5.000 | 4.586 | 92 | 24-126 | 7-143 | |
| 2-Nitrophenol | 5.000 | 3.961 | 79 | 29-182 | 4-208 | |
| Pentachlorophenol | 5.000 | 4.584 | 92 | 23-131 | 5-149 | |
| Phenanthrene | 5.000 | 4.249 | 85 | 54-120 | 43-131 | |
| Phenol | 5.000 | 4.136 | 83 | 40-130 | 25-145 | |
| Pyrene | 5.000 | 4.304 | 86 | 47-143 | 31-159 | |
| Pyridine | 5.000 | 3.054 | 61 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 5.000 | 3.811 | 76 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 5.000 | 3.807 | 76 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 5.000 | 3.745 | 75 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 2
Total number of ME compounds allowed: 4

RPD: Relative Percent Difference. CL: Control Limits

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## Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 8 of 13 |

LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-16-462-56** | **LCS** | **Solid** | **GC/MS CCC** | **05/26/16** | **05/26/16 13:43** | **160526L05** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,6-Dichlorophenol | 5.000 | 3.724 | 74 | 80-120 | 73-127 | ME |
| Acenaphthene | 5.000 | 3.665 | 73 | 51-123 | 39-135 | |
| Acenaphthylene | 5.000 | 3.626 | 73 | 52-120 | 41-131 | |
| Aniline | 5.000 | 3.262 | 65 | 50-130 | 37-143 | |
| Anthracene | 5.000 | 3.801 | 76 | 27-133 | 9-151 | |
| Azobenzene | 5.000 | 3.580 | 72 | 50-130 | 37-143 | |
| Benzidine | 5.000 | 2.806 | 56 | 50-130 | 37-143 | |
| Benzo (a) Anthracene | 5.000 | 3.745 | 75 | 33-143 | 15-161 | |
| Benzo (a) Pyrene | 5.000 | 3.761 | 75 | 17-163 | 0-187 | |
| Benzo (b) Fluoranthene | 5.000 | 3.592 | 72 | 24-159 | 2-182 | |
| Benzo (g,h,i) Perylene | 5.000 | 3.745 | 75 | 20-180 | 0-207 | |
| Benzo (k) Fluoranthene | 5.000 | 3.846 | 77 | 24-159 | 2-182 | |
| Benzoic Acid | 5.000 | 3.471 | 69 | 50-130 | 37-143 | |
| Benzyl Alcohol | 5.000 | 3.478 | 70 | 50-130 | 37-143 | |
| Bis(2-Chloroethoxy) Methane | 5.000 | 3.627 | 73 | 33-184 | 8-209 | |
| Bis(2-Chloroethyl) Ether | 5.000 | 3.546 | 71 | 12-158 | 0-182 | |
| Bis(2-Chloroisopropyl) Ether | 5.000 | 3.373 | 67 | 36-166 | 14-188 | |
| Bis(2-Ethylhexyl) Phthalate | 5.000 | 4.084 | 82 | 20-160 | 0-183 | |
| 4-Bromophenyl-Phenyl Ether | 5.000 | 3.786 | 76 | 53-127 | 41-139 | |
| Butyl Benzyl Phthalate | 5.000 | 3.905 | 78 | 43-139 | 27-155 | |
| 4-Chloro-3-Methylphenol | 5.000 | 3.570 | 71 | 55-121 | 44-132 | |
| 4-Chloroaniline | 5.000 | 3.475 | 69 | 50-130 | 37-143 | |
| 2-Chloronaphthalene | 5.000 | 3.622 | 72 | 60-118 | 50-128 | |
| 2-Chlorophenol | 5.000 | 3.626 | 73 | 58-124 | 47-135 | |
| 4-Chlorophenyl-Phenyl Ether | 5.000 | 3.584 | 72 | 25-158 | 3-180 | |
| Chrysene | 5.000 | 3.679 | 74 | 17-168 | 0-193 | |
| Di-n-Butyl Phthalate | 5.000 | 3.704 | 74 | 20-120 | 3-137 | |
| Di-n-Octyl Phthalate | 5.000 | 3.859 | 77 | 20-146 | 0-167 | |
| Dibenz (a,h) Anthracene | 5.000 | 3.612 | 72 | 20-180 | 0-207 | |
| Dibenzofuran | 5.000 | 3.586 | 72 | 50-130 | 37-143 | |
| 1,2-Dichlorobenzene | 5.000 | 3.614 | 72 | 32-129 | 16-145 | |
| 1,3-Dichlorobenzene | 5.000 | 3.636 | 73 | 20-130 | 2-148 | |
| 1,4-Dichlorobenzene | 5.000 | 3.642 | 73 | 42-132 | 27-147 | |
| 3,3'-Dichlorobenzidine | 5.000 | 2.548 | 51 | 20-180 | 0-207 | |
| 2,4-Dichlorophenol | 5.000 | 3.722 | 74 | 39-135 | 23-151 | |
| Diethyl Phthalate | 5.000 | 3.457 | 69 | 20-114 | 4-130 | |
| Dimethyl Phthalate | 5.000 | 3.485 | 70 | 51-123 | 39-135 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

Haley & Aldrich, Inc.
3187 Red Hill Avenue, Suite 155
Costa Mesa, CA 92626-3453

Date Received: 05/16/16
Work Order: 16-05-1183
Preparation: EPA 3545
Method: EPA 8270C

Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517



| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| 2,4-Dimethylphenol | 5.000 | 3.772 | 75 | 32-119 | 18-134 | |
| 4,6-Dinitro-2-Methylphenol | 5.000 | 4.181 | 84 | 20-180 | 0-207 | |
| 2,4-Dinitrophenol | 5.000 | 4.114 | 82 | 20-180 | 0-207 | |
| 2,4-Dinitrotoluene | 5.000 | 4.023 | 80 | 51-129 | 38-142 | |
| 2,6-Dinitrotoluene | 5.000 | 4.001 | 80 | 50-158 | 32-176 | |
| Fluoranthene | 5.000 | 3.804 | 76 | 26-137 | 8-156 | |
| Fluorene | 5.000 | 3.704 | 74 | 54-126 | 42-138 | |
| Hexachloro-1,3-Butadiene | 5.000 | 3.744 | 75 | 24-116 | 9-131 | |
| Hexachlorobenzene | 5.000 | 3.648 | 73 | 20-150 | 0-172 | |
| Hexachlorocyclopentadiene | 5.000 | 4.237 | 85 | 50-130 | 37-143 | |
| Hexachloroethane | 5.000 | 3.741 | 75 | 40-113 | 28-125 | |
| Indeno (1,2,3-c,d) Pyrene | 5.000 | 3.574 | 71 | 20-180 | 0-207 | |
| Isophorone | 5.000 | 3.564 | 71 | 21-196 | 0-225 | |
| 2-Methylnaphthalene | 5.000 | 3.875 | 77 | 21-140 | 1-160 | |
| 1-Methylnaphthalene | 5.000 | 3.389 | 68 | 20-140 | 0-160 | |
| 2-Methylphenol | 5.000 | 3.561 | 71 | 50-130 | 37-143 | |
| 3/4-Methylphenol | 10.00 | 7.400 | 74 | 50-130 | 37-143 | |
| N-Nitroso-di-n-propylamine | 5.000 | 3.467 | 69 | 40-136 | 24-152 | |
| N-Nitrosodimethylamine | 5.000 | 3.610 | 72 | 50-130 | 37-143 | |
| N-Nitrosodiphenylamine | 5.000 | 4.272 | 85 | 50-130 | 37-143 | |
| Naphthalene | 5.000 | 3.657 | 73 | 32-146 | 13-165 | |
| 4-Nitroaniline | 5.000 | 3.477 | 70 | 50-130 | 37-143 | |
| 3-Nitroaniline | 5.000 | 4.093 | 82 | 50-130 | 37-143 | |
| 2-Nitroaniline | 5.000 | 3.727 | 75 | 50-130 | 37-143 | |
| Nitrobenzene | 5.000 | 3.669 | 73 | 35-180 | 11-204 | |
| 4-Nitrophenol | 5.000 | 3.692 | 74 | 24-126 | 7-143 | |
| 2-Nitrophenol | 5.000 | 3.945 | 79 | 29-182 | 4-208 | |
| Pentachlorophenol | 5.000 | 3.729 | 75 | 23-131 | 5-149 | |
| Phenanthrene | 5.000 | 3.864 | 77 | 54-120 | 43-131 | |
| Phenol | 5.000 | 3.540 | 71 | 40-130 | 25-145 | |
| Pyrene | 5.000 | 3.882 | 78 | 47-143 | 31-159 | |
| Pyridine | 5.000 | 4.166 | 83 | 52-115 | 42-126 | |
| 1,2,4-Trichlorobenzene | 5.000 | 3.704 | 74 | 45-129 | 31-143 | |
| 2,4,6-Trichlorophenol | 5.000 | 3.668 | 73 | 37-144 | 19-162 | |
| 2,4,5-Trichlorophenol | 5.000 | 3.558 | 71 | 50-130 | 37-143 | |

Total number of LCS compounds: 72
Total number of ME compounds: 1
Total number of ME compounds allowed: 4

RPD: Relative Percent Difference. CL: Control Limits

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## Quality Control - LCS

| | | |
|---|---|---|
| Haley & Aldrich, Inc. | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | Preparation: | EPA 3545 |
| | Method: | EPA 8270C |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | Page 11 of 13 |

LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 12 of 13 |

| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---|---|---|---|---|---|---|
| **099-14-314-537** | **LCS** | **Solid** | **GC/MS Q** | **05/18/16** | **05/18/16 09:02** | **160518L002** |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| Acetone | 50.00 | 56.99 | 114 | 70-130 | 60-140 | |
| Benzene | 50.00 | 47.76 | 96 | 78-120 | 71-127 | |
| Bromobenzene | 50.00 | 48.06 | 96 | 70-130 | 60-140 | |
| Bromochloromethane | 50.00 | 51.65 | 103 | 70-130 | 60-140 | |
| Bromodichloromethane | 50.00 | 53.25 | 106 | 70-130 | 60-140 | |
| Bromoform | 50.00 | 54.77 | 110 | 70-130 | 60-140 | |
| Bromomethane | 50.00 | 43.64 | 87 | 70-130 | 60-140 | |
| 2-Butanone | 50.00 | 48.42 | 97 | 70-130 | 60-140 | |
| n-Butylbenzene | 50.00 | 51.64 | 103 | 77-123 | 69-131 | |
| sec-Butylbenzene | 50.00 | 50.62 | 101 | 70-130 | 60-140 | |
| tert-Butylbenzene | 50.00 | 48.42 | 97 | 70-130 | 60-140 | |
| Carbon Disulfide | 50.00 | 49.13 | 98 | 70-130 | 60-140 | |
| Carbon Tetrachloride | 50.00 | 63.04 | 126 | 49-139 | 34-154 | |
| Chlorobenzene | 50.00 | 48.43 | 97 | 79-120 | 72-127 | |
| Chloroethane | 50.00 | 57.67 | 115 | 70-130 | 60-140 | |
| Chloroform | 50.00 | 52.60 | 105 | 70-130 | 60-140 | |
| Chloromethane | 50.00 | 58.75 | 118 | 70-130 | 60-140 | |
| 2-Chlorotoluene | 50.00 | 48.57 | 97 | 70-130 | 60-140 | |
| 4-Chlorotoluene | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| Dibromochloromethane | 50.00 | 51.62 | 103 | 70-130 | 60-140 | |
| 1,2-Dibromo-3-Chloropropane | 50.00 | 48.27 | 97 | 70-130 | 60-140 | |
| 1,2-Dibromoethane | 50.00 | 46.79 | 94 | 70-130 | 60-140 | |
| Dibromomethane | 50.00 | 49.24 | 98 | 70-130 | 60-140 | |
| 1,2-Dichlorobenzene | 50.00 | 48.15 | 96 | 75-120 | 68-128 | |
| 1,3-Dichlorobenzene | 50.00 | 49.11 | 98 | 70-130 | 60-140 | |
| 1,4-Dichlorobenzene | 50.00 | 48.39 | 97 | 70-130 | 60-140 | |
| Dichlorodifluoromethane | 50.00 | 45.48 | 91 | 70-130 | 60-140 | |
| 1,1-Dichloroethane | 50.00 | 55.06 | 110 | 70-130 | 60-140 | |
| 1,2-Dichloroethane | 50.00 | 48.97 | 98 | 70-130 | 60-140 | |
| 1,1-Dichloroethene | 50.00 | 53.90 | 108 | 74-122 | 66-130 | |
| c-1,2-Dichloroethene | 50.00 | 52.31 | 105 | 70-130 | 60-140 | |
| t-1,2-Dichloroethene | 50.00 | 52.24 | 104 | 70-130 | 60-140 | |
| 1,2-Dichloropropane | 50.00 | 52.68 | 105 | 79-115 | 73-121 | |
| 1,3-Dichloropropane | 50.00 | 47.29 | 95 | 70-130 | 60-140 | |
| 2,2-Dichloropropane | 50.00 | 55.33 | 111 | 70-130 | 60-140 | |
| 1,1-Dichloropropene | 50.00 | 54.27 | 109 | 70-130 | 60-140 | |
| c-1,3-Dichloropropene | 50.00 | 54.13 | 108 | 70-130 | 60-140 | |

RPD: Relative Percent Difference. CL: Control Limits

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# Quality Control - LCS

| | | | |
|---|---|---|---|
| Haley & Aldrich, Inc. | | Date Received: | 05/16/16 |
| 3187 Red Hill Avenue, Suite 155 | | Work Order: | 16-05-1183 |
| Costa Mesa, CA 92626-3453 | | Preparation: | EPA 5030C |
| | | Method: | EPA 8260B |
| Project: UTC Canoga Park Concrete Assessment , 6633 Canoga Avenue / 32594-517 | | | Page 13 of 13 |

| Parameter | Spike Added | Conc. Recovered | LCS %Rec. | %Rec. CL | ME CL | Qualifiers |
|---|---|---|---|---|---|---|
| t-1,3-Dichloropropene | 50.00 | 52.43 | 105 | 70-130 | 60-140 | |
| Ethylbenzene | 50.00 | 48.30 | 97 | 76-120 | 69-127 | |
| 2-Hexanone | 50.00 | 46.34 | 93 | 70-130 | 60-140 | |
| Isopropylbenzene | 50.00 | 49.91 | 100 | 70-130 | 60-140 | |
| p-Isopropyltoluene | 50.00 | 51.71 | 103 | 70-130 | 60-140 | |
| Methylene Chloride | 50.00 | 50.46 | 101 | 70-130 | 60-140 | |
| 4-Methyl-2-Pentanone | 50.00 | 47.08 | 94 | 70-130 | 60-140 | |
| Naphthalene | 50.00 | 45.02 | 90 | 70-130 | 60-140 | |
| n-Propylbenzene | 50.00 | 50.14 | 100 | 70-130 | 60-140 | |
| Styrene | 50.00 | 48.32 | 97 | 70-130 | 60-140 | |
| 1,1,1,2-Tetrachloroethane | 50.00 | 53.97 | 108 | 70-130 | 60-140 | |
| 1,1,2,2-Tetrachloroethane | 50.00 | 46.82 | 94 | 70-130 | 60-140 | |
| Tetrachloroethene | 50.00 | 47.41 | 95 | 70-130 | 60-140 | |
| Toluene | 50.00 | 50.84 | 102 | 77-120 | 70-127 | |
| 1,2,3-Trichlorobenzene | 50.00 | 50.67 | 101 | 70-130 | 60-140 | |
| 1,2,4-Trichlorobenzene | 50.00 | 54.17 | 108 | 70-130 | 60-140 | |
| 1,1,1-Trichloroethane | 50.00 | 54.12 | 108 | 70-130 | 60-140 | |
| 1,1,2-Trichloroethane | 50.00 | 46.18 | 92 | 70-130 | 60-140 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 50.00 | 54.48 | 109 | 70-130 | 60-140 | |
| Trichloroethene | 50.00 | 51.02 | 102 | 70-130 | 60-140 | |
| 1,2,3-Trichloropropane | 50.00 | 47.86 | 96 | 70-130 | 60-140 | |
| 1,2,4-Trimethylbenzene | 50.00 | 50.00 | 100 | 70-130 | 60-140 | |
| Trichlorofluoromethane | 50.00 | 58.41 | 117 | 70-130 | 60-140 | |
| 1,3,5-Trimethylbenzene | 50.00 | 50.21 | 100 | 70-130 | 60-140 | |
| Vinyl Acetate | 50.00 | 50.62 | 101 | 70-130 | 60-140 | |
| Vinyl Chloride | 50.00 | 53.52 | 107 | 68-122 | 59-131 | |
| p/m-Xylene | 100.0 | 98.12 | 98 | 70-130 | 60-140 | |
| o-Xylene | 50.00 | 49.49 | 99 | 70-130 | 60-140 | |
| Methyl-t-Butyl Ether (MTBE) | 50.00 | 49.27 | 99 | 77-120 | 70-127 | |

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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# Sample Analysis Summary Report

Work Order: 16-05-1183 Page 1 of 1

| Method | Extraction | Chemist ID | Instrument | Analytical Location |
|---|---|---|---|---|
| EPA 6010B | EPA 3050B | 935 | ICP 7300 | 1 |
| EPA 7199 | EPA 3060A | 1037 | IC 11 | 1 |
| EPA 7471A | EPA 7471A Total | 868 | Mercury 05 | 1 |
| EPA 8015B (M) | EPA 3550B | 682 | GC 46 | 1 |
| EPA 8082 | EPA 3540C | 944 | GC 31 | 1 |
| EPA 8260B | EPA 5030C | 1055 | GC/MS Q | 2 |
| EPA 8270C | EPA 3545 | 923 | GC/MS CCC | 1 |

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# Glossary of Terms and Qualifiers

Work Order: 16-05-1183 Page 1 of 1

| Qualifiers | Definition |
|---|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |

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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 5/16/16 | |
| **Address** | **Telephone Number (Area Code)** | **Laboratory Address & Telephone Number** | **Lab Number** | |
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | 16-05-1183 | Page 1 of 2 |
| **City** / **State** / **ZipCode** | **Site Contact** | **Lab Contact** | | |
| Costa Mesa / Ca / 92626 | Kelly Hoggan | Virendra Patel | | |
| **Project Name, Location (State) / Project Number** | **Sampler(s): (PRINT)** | | | |
| UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594 | Shannon Collinge | | | |

Special Instructions/ Conditions of Receipt

Equis EDD

Email Distribution:
KHoggan@haleyaldrich.com
PMiller@haleyaldrich.com
mstancke haleyaldrich.com

Contract/Purchase Order/Quote No.

| Sample I.D. | | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Water | Concrete Core | Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | $H_3PO_4$ | Analysis: PCBs EPA 8082/3540C – Soxhlet Extraction required | CAM 17 metals 6000/7000 | Chromium VI 7199 | Total Petroleum hydrocarbons 8015B m C6-C44 | VOCs 8260B | SVOCs 8270C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AB8AC9 | 1 | AB8AC9 | 5/16/16 | 835 | 1 | | | X | X | X | | | | | | | | X | X | X | X | X |
| AB8AC9-0.5 | 2 | AB8AC9 | 5/16/16 | 842 | 1 | | | | X | X | | | | | | | X | | | | | |
| AD5AE6 | 3 | AD5AE6 | 5/16/16 | 900 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| AD5AE6-0.5 | 4 | AD5AE6 | 5/16/16 | 908 | 1 | | | | X | X | | | | | | | X | | | | | |
| AC12AD13 | 5 | AC12AD13 | 5/16/16 | 918 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| AC12AD13-0.5 | 6 | AC12AD13 | 5/16/16 | 927 | 1 | | | | X | X | | | | | | | X | | | | | |
| AB14AC15 | 7 | AB14AC15 | 5/16/16 | 937 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| AB14AC15-0.5 | 8 | AB14AC15 | 5/16/16 | 951 | 1 | | | | X | X | | | | | | | X | | | | | |
| A1C2 | 9 | A1C2 | 5/16/16 | 1058 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| A1C2-0.5 | 10 | A1C2 | 5/16/16 | 1111 | 1 | | | | X | X | | | | | | | X | | | | | |
| D32E33 | 11 | D32E33 | 5/16/16 | 1133 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| D32E33-0.5 | 12 | D32E33 | 5/16/16 | 1145 | 1 | | | | X | X | | | | | | | X | | | | | |
| G31H32 | 13 | G31H32 | 5/16/16 | 1154 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| G31H32-0.5 | 14 | G31H32 | 5/16/16 | 1215 | 1 | | | | X | X | | | | | | | X | | | | | |

**Possible Hazard Identification**

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal** (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

**QC Requirements (Specify)**

| | Relinquished By | Date | Time | Received By | Date | Time |
|---|---|---|---|---|---|---|
| 1. | [signature] | 5/16/16 | 18:05 | Dannyle ECL | 5/16/16 | 18:05 |
| 2. | | | | | | |
| 3. | | | | | | |

Comments



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# Chain of Custody Record

HALEY ALDRICH

| Client | Project Manager | Laboratory Name | Date | Custody Number |
|---|---|---|---|---|
| Haley & Aldrich, Inc. | Kelly Hoggan | Eurofins/Calscience, Inc. | 5/16/16 | 1183 |

| Address | Telephone Number (Area Code) | Laboratory Address & Telephone Number | Lab Number | |
|---|---|---|---|---|
| 3187 Red Hill Ave Ste 155 | (714) 371-1828 | 37440 Lincoln Way<br>Garden Grove, Ca 92841<br>(714)895-5494 | | Page 2 of 2 |

| City | State | ZipCode | Site Contact | Lab Contact |
|---|---|---|---|---|
| Costa Mesa | Ca | 92626 | Kelly Hoggan | Virendra Patel |

Project Name, Location (State) / Project Number: UTC Canoga Park Concrete Assessment, 6633 Canoga Avenue, 32594

Sampler(s): (PRINT): Shannon Collinge

Contract/Purchase Order/Quote No.:

Special Instructions/ Conditions of Receipt:
Equis EDD
Email Distribution:
KHoggan@haleyaldrich.com
PMiller@haleyaldrich.com

| Sample I.D. | Field Point Name (For COELT EDF) | Sampling Date | Sampling Time | No. of Cont. | Matrix: Air | Matrix: Water | Matrix: Concrete Core | Matrix: Soil | Preservatives Containers: Unpres. | $H_2SO_4$ | $HNO_3$ | HCL | NaOH | ZnAc2+ NaOH | H3PO4 | PCBs EPA 8082/3540C – Soxhlet Extraction required | CAM 17 metals 6000/7000 | Chromium VI 7199 | Total Petroleum hydrocarbons 8015B m C6-C44 | VOCs 8260B | SVOCs 8270C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G31H32-0.5-Dup 15 | G31H32 | 5/16/16 | 1220 | 1 | | | | X | X | | | | | | | X | | | | | |
| H31J32 16 | H31J32 | 5/16/16 | 1229 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| H31J32-0.5 17 | H31J32 | 5/16/16 | 1238 | 1 | | | | X | X | | | | | | | X | | | | | |
| K30L31 18 | K30L31 | 5/16/16 | 1249 | 1 | | | X | | X | | | | | | | | X | X | X | X | X |
| K30L31-0.5 19 | K30L31 | 5/16/16 | 1310 | 1 | | | | X | X | | | | | | | X | | | | | |

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other: Standard

QC Requirements (Specify):

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| 1. Relinquished By: [signature] | 5/16/16 | 18:05 | 1. Received By: Pannagle EIZ | 5/16/16 | 18:05 |
| 2. Relinquished By | | | 2. Received By | | |
| 3. Relinquished By | | | 3. Received By | | |

Comments:



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WORK ORDER NUMBER: 16-05- 1183

# SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley & Aldrich, Inc.

DATE: 05 / 16 / 2016

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 5.3 °C (w/ CF): 5.3 °C; ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 659

**CUSTODY SEAL:**

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 659

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 816

| **SAMPLE CONDITION:** | Yes | No | N/A |
|---|---|---|---|
| Chain-of-Custody (COC) document(s) received with samples | ☑ | ☐ | ☐ |
| COC document(s) received complete | ☑ | ☐ | ☐ |
| ☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers | | | |
| ☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time | | | |
| Sampler's name indicated on COC | ☑ | ☐ | ☐ |
| Sample container label(s) consistent with COC | ☑ | ☐ | ☐ |
| Sample container(s) intact and in good condition | ☑ | ☐ | ☐ |
| Proper containers for analyses requested | ☑ | ☐ | ☐ |
| Sufficient volume/mass for analyses requested | ☑ | ☐ | ☐ |
| Samples received within holding time | ☑ | ☐ | ☐ |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| ☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen | ☐ | ☐ | ☑ |
| Proper preservation chemical(s) noted on COC and/or sample container | ☐ | ☐ | ☑ |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| ☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | ☐ | ☐ | ☑ |
| ☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) | | | |
| ☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | ☐ | ☐ | ☑ |

**CONTAINER TYPE:** (Trip Blank Lot Number: _____)

**Aqueous:** ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

**Solid:** ☑ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

**Air:** ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (Concrete): ☑ Z ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = $HNO_3$, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = $H_3PO_4$, **s** = $H_2SO_4$, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 816

Reviewed by: 1058

*1, 3, 5, 7, 9, 11, 13, 16, 18, ps 5/16/16



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# APPENDIX C

## Signed Certification

**Owner's Certification**
As required by 40 CFR § 761.61(a)(3)(i)(E)

**Type of Document:** Self Implementing Plan
**Site Address:** 6633 Canoga Avenue, Canoga Park, California 91313

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the sections of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete. I also certify that all sampling plans, sample collection procedures, sample preparation procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the offices of Haley & Aldrich, Inc. in Costa Mesa, CA and are available for EPA inspection.

**Printed Name:** Charles Veley **Title:** Manager
*As manager of 6633 Canoga Avenue, Canoga Park

**Organization:** United Technologies Corporation

**Signature:** _____ **Date:** 6.16.16

State of Connecticut County of _____ ss. (Town/City)

On this the ____ day of _____, 20____, before me, Peter Stergos, the undersigned officer, personally appeared Charles Veley, who acknowledged himself/herself to be the Real Estate Manager of United Technologies corporation, and that s/he as such manager, being authorized so to do executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself/herself as manager, real estate.

In witness whereof I hereunto set my hand.

_____
Signature of Notary Public

Date Commission Expires: _____

PETER STERGOS
NOTARY PUBLIC
STATE OF CONNECTICUT
MY COMMISSION EXPIRES APR. 30, 2019

_____
Printed Name of Notary