Results of a Site Assessment Program for Environmental Indicators
Commonwealth Oil Refining Company, Inc.
Peñuelas, Puerto Rico
EPA ID No.: PRD091017228

RESULTS OF A SITE ASSESSMENT PROGRAM FOR ENVIRONMENTAL INDICATORS FLORES PARK COMMONWEALTH OIL REFINING COMPANY, INC. PEÑUELAS, PUERTO RICO EPA ID No.: PRD091017228

SUBMITTED TO:

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SEPTEMBER 8, 2005

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9/22/05
Date

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Date

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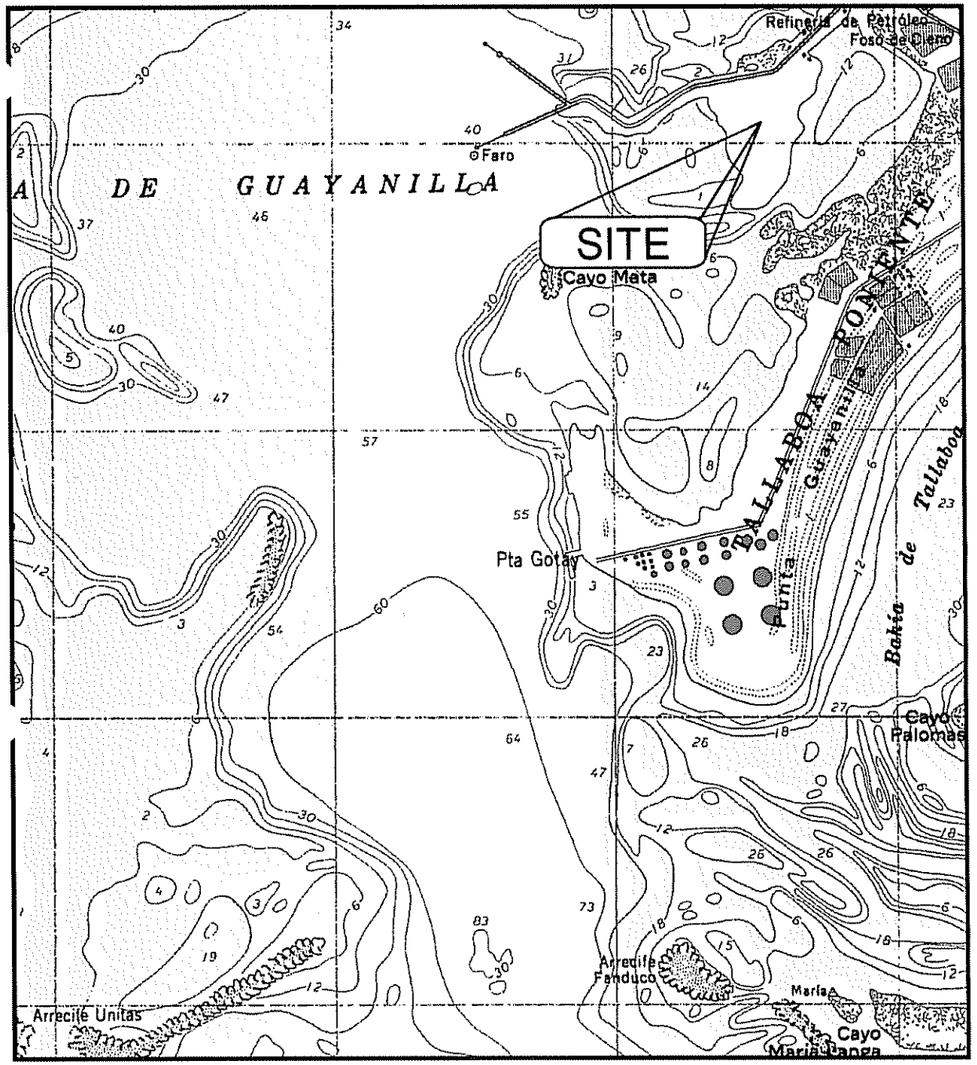
RESULTS OF A SITE ASSESSMENT PROGRAM FOR ENVIRONMENTAL INDICATORS/FLORES PARK COMMONWEALTH OIL REFINING COMPANY, INC. PEÑUELAS, PUERTO RICO/EPA ID No.: PRD091017228

1.0 INTRODUCTION

This report presents the results of a Site Assessment Program for Environmental Indicators completed by Applied Geosciences and Environmental Services Inc. (AGES). AGES is a multidisciplinary environmental consulting firm located in Dorado, Puerto Rico. The assessment was conducted at a Commonwealth Oil Refining Company, Inc. (CORCO) facility located at State Road PR-127, Kilometer 17.3, in the Municipality of Peñuelas, Puerto Rico. This report documents work conducted at **FLORES PARK**. The site is a peninsula that is located inside the Guayanilla Bay, between the Western Lagoons and the Marine Terminal Docks, within the CORCO facility. **Figure 1** illustrates the site location on the topographic map of the Punta Verraco Quadrangle. Data collection procedures employed during the course of the program are presented in this report, as are methods and rationale for chemical analyses of ground water and soil samples.

The objective of this assessment was to determine the completion of any human exposure pathways of petroleum hydrocarbon compound concentrations through soil and ground water. Petroleum hydrocarbon compounds have been determined to be the chemicals of concern by comprehensive analyses conducted in the past by CORCO and accorded to by the U.S. Environmental Protection Agency (EPA). Therefore, chemical analyses of soil and ground water samples are limited to these compounds.



QUADRANGLE:
PUNTA VERRACO

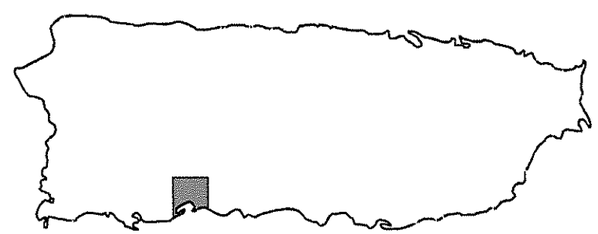
LATITUDE: 17°59'46"
LONGITUDE: 66°45'24"

SCALE

1/2 0 1 (MILE)

1000 0 1000 2000 3000 4000 5000 6000 7000 (FEET)

1 1/2 0 1 (KILOMETER)



MAP INDEX

FLORES PARK
AEREAL PHOTO

NORTH

CLIENT: CORCO

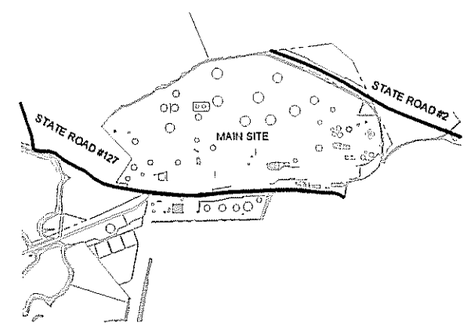
LOCATION: STATE ROAD #127
GUAYANILLA, PUERTO RICO

PROJECT: ENVIRONMENTAL INDICATORS

LOCATION MAP

DATE: 09/08/05	FIGURE: 1
DRAWN BY: N.VALES	PROJECT NO : 05-333-01
APPROVED BY: L. FIGUEROA	FILE: CORCO.DWG

SITE



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1.1 SITE DESCRIPTION

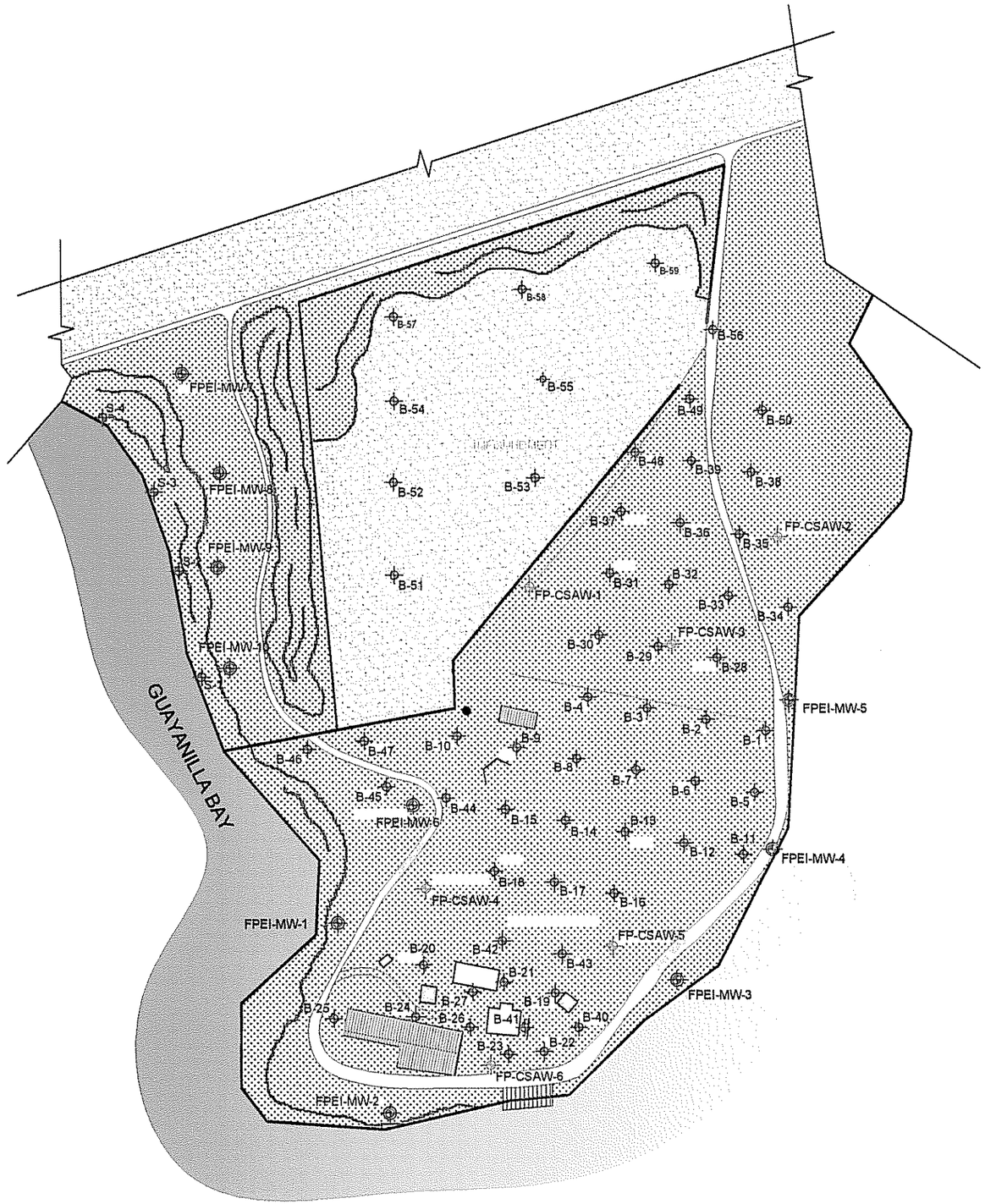
FLORES PARK is situated southwest of State Road PR-127 and is located within the CORCO facility (**Figure 2**). Presently, the park is used for outdoor company get-togethers and special occasions. The park receives limited use, perhaps only twice a year. However, during these occasions, the park is visited by both workers and non-workers. In addition, there is a small pier at the site that was used in the past to dock a boat.

FLORES PARK occupies an area that was reclaimed from the sea. To build up the ground beneath the park, CORCO used fill material borrowed from the hillsides within the facility. The borrowed material is compiled mostly of limestone, with some areas that have received dredge spoils from the bay. During the eighties (80's), the area was used as a fire fighting training area, equipment staging, and impoundment area. An area located in the north central part of the peninsula is used as a fenced-in scrap yard.

Ground surface elevation at **FLORES PARK** is approximately two (2) meters above Mean Sea Level (MSL). Bounding the park to the south, east, and west is Guayanilla Bay. The site is currently covered with vegetation and access is controled through an unpaved road. Mangrove trees border the shoreline, forming a natural barrier to the sea, except in the area occupied by the small pier. Photographs of the **FLORES PARK** area are included in **Appendix (Volume) II-A.**

1.2 SCOPE OF WORK

To achieve the objective of this investigation, subsoil beneath the area and ground water characteristics were evaluated. In addition to investigating the



NORTH

CLIENT: CORCO

LOCATION: STATE ROAD #127
GUAYANILLA, PUERTO RICO

PROJECT: ENVIRONMENTAL INDICATORS

SITE MAP

DATE: 09/08/05	FIGURE: 2
DRAWN BY: N.VALES	PROJECT NO.: 05-333-01
APPROVED BY: L. FIGUEROA	FILE: CORCO.DWG

LEGEND

- BORING LOCATION
- EXISTING MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION

APPROXIMATE SCALE

200 100 0 200 (FEET)

50 25 0 50 (METERS)

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existence of any floating or dissolved phase petroleum hydrocarbon compound plumes, ground water flow direction and site lithology was investigated.

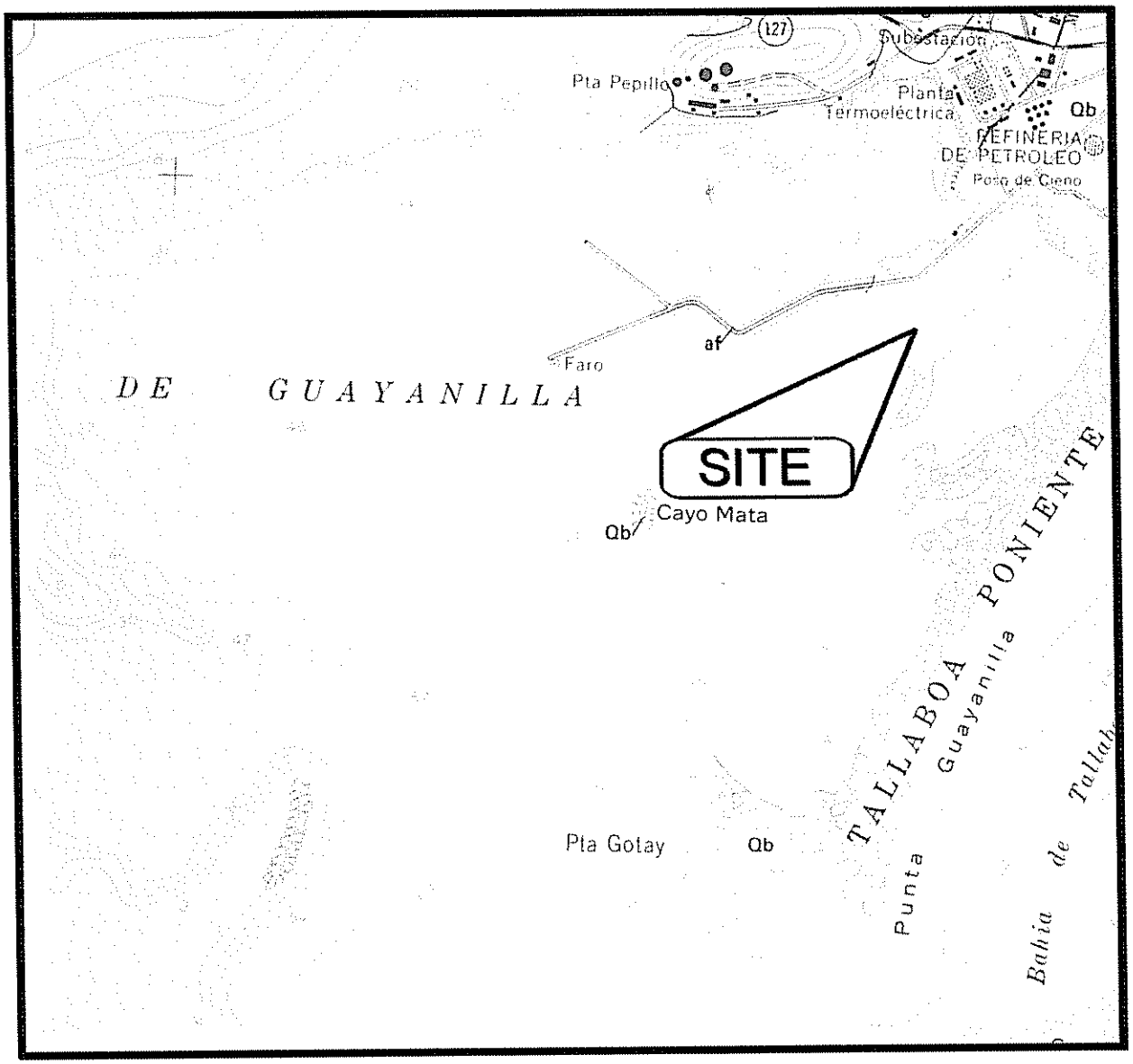
The Site Assessment Program consisted of the following activities:

- Drilling of fifty nine (59) soil borings to a depth of four (4) feet;
- Drilling of ten (10) soil borings, for lithological characteristics, down to a depth of twenty (20) feet;
- Hand-auger four (4) soil borings in the shoreline area;
- Installation of ten (10) ground water monitoring wells;
- Collection of thirteen (13) ground water samples and sixty eight (68) soil samples for laboratory analyses;
- Classification and organic vapor monitoring of soil; and,
- Surveying of the newly installed wells.

1.3 GEOLOGY AND HYDROGEOLOGY

U. S. Geological Survey topographic map of the area shows land surface elevation at the site is approximately three (3) meters above MSL.. Land surface beneath the park slopes gently to the southeast.

Lithology beneath the **FLORES PARK** area is composed of limestone fill material, varying in depth from zero (0) to eight (8) feet below ground surface, followed by marine-lagoonal gravelly sandy clay, black, & dark gray in color. **Figure 3** illustrates the geological map of the site.



1000 500 0 1000 (METERS)

Qb	Beach Deposits

LATITUDE= 17°59'46" LONGITUDE= 66°45'24"
ELEVATION= 2 METERS

NORTH

APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

CLIENT:	CORCO
LOCATION:	STATE ROAD #127 GUAYANILLA., PUERTO RICO
PROJECT:	ENVIRONMENTAL INDICATORS

GEOLOGIC MAP I-1147
(GEOLOGY BY RICHARD D KRUSHENSKY AND WATSON H MONROE 1978)

DATE:	09/08/05	FIGURE:	3
DRAWN BY:	N.VALES	PROJECT NO:	05-333-01
APPROVED BY:	L. FIGUEROA	FILE:	CORCO.DWG

Ground water is encountered at an approximate depth of seven (7) feet below ground surface (bgs) and flows radially from the western to mid-portion of the peninsula, outwards towards the bay.

2.0 SITE ASSESSMENT PROGRAM

2.1 SUBSURFACE INVESTIGATION

The objective of this assessment was to determine the completion of human exposure pathways of petroleum hydrocarbon compound concentrations through soil and ground water. This objective was accomplished by drilling sixty-nine (69) soil borings and installing ten (10) ground water monitoring wells; by characterizing soil, and by sampling soil and ground water for laboratory analyses. Procedures used during the program are described in the following subsections.

2.1.1 Drilling

From June 23 to July 1, 2005, under direct supervision of a Geologist from AGES, the company AGES Drilling Company, Inc., of Dorado, Puerto Rico, conducted drilling and monitoring well installation procedures. Fifty-nine (59) soil borings, identified as B-1 to B-59, were drilled to a depth of four (4) feet below ground surface; and, ten (10) soil borings (FPEI-MW-1 to FPEI-MW-10) were drilled to a depth of twenty (20) feet below ground surface. Soil boring locations are illustrated on **Figure 2**.

Soil borings were collected using an AMS brand Power Probe AP-9600 with direct push technology. The AMS Model APP-9600 utilizes smooth drill extensions and rods (hollow extensions and rods built of steel). The extensions have an interior diameter of 1.625 inches and exterior diameter 2.125 inches. The lengths of the extensions and rods commonly used vary between 2 and 4 feet. Continuous sampling using the AMS system is the process of collecting

continuous soil samples from the ground surface to a specific depth. The AMS system leaves the outer extension in place to provide a cased hole through which to sample. Drilling by using direct push techniques consists of the penetration of the soil with the extension and drill rod, using pressure exerted by impact of a hydraulic hammer on the extension. The hammer strikes the extension that in turn penetrates the soil. Once an extension is completely introduced, another extension is connected and pushed into the soil column. This procedure is continued until the desired sampling depth is reached. Once the target sampling depth has been attained, a clear plastic liner is attached to drill rods and inserted through the extensions until the liner is within the lead extension. The whole sampling system is then driven through the target depth and a discrete soil sample is collected within the plastic liner.

Four (4) soil (sediment) samples were collected from approximately 2 feet below the surface in sediments on the bottom of the Guayanilla Bay, shoreline area (see **Figure 2**). These samples were collected using a hand auger. Sediment samples were collected from locations near the shoreline based on the location of wells presenting field evidence of petroleum hydrocarbon compounds. Only monitoring wells FPEI-MW-7 to FPEI-MW-10 were found to possess organic vapor concentrations greater than 2,000 parts per million (ppm).

2.1.2 Soil Sampling

Once a sample was collected, it was retrieved and brought to the surface. The sampling apparatus was placed upon a plastic or clean sheet of aluminum paper. Soil samples were collected continuously and discretely with the AMS system throughout the investigation. Methods used in the collection of the soil samples were in accordance with AGES and EPA standards. Most samples were collected

using plastic liners. After the plastic liner was retrieved, it was split open and probed for organic vapor content. Any portion of the soil within the plastic liner that registered organic vapor content was placed into 120-milliliter (ml) glass jars with Teflon lined caps, for organic vapor monitoring or chemical analyses. Samples collected from Soil Borings B-1 through B-59 were sealed, labeled and placed in an iced chest (≤ 4° C) for cold storage and transport to the laboratory. A portion of the soil recovered was examined in the field for evidence of petroleum hydrocarbon compound vapor concentrations and used for lithologic description. The scientist noted the texture, odor, color and an estimate of soil moisture content on field boring logs.

Soil samples were collected in accordance with AGES QA/QC guidelines to prevent cross-contamination. Duplicates samples were collected at the rate of one (1) every twenty (20) samples. To reduce the possibility of cross-contamination caused by the sampling equipment, the equipment was scrubbed and washed prior to its utilization using an Alconox solution, rinsed with tap water, rinsed with distilled water and then allowed to air dry. To detect any cross-contamination that may have occurred through the sampling equipment an Equipment Blank was prepared. The Equipment Blank consists of distilled water that was poured over the sampling equipment after the equipment had been washed.

Field blanks were also collected at the rate of one per workday. The field blank consists of open, forty (40) ml glass vials and five hundred (500) ml amber bottles filled with distilled water and exposed inside the work area to the environment throughout the entire workday. The field blank has the purpose of determining the quantity, if any, of petroleum hydrocarbon concentrations in the air that may cause cross-contamination of the soil and ground water samples.

A trip blank was placed with all other samples. This blank consists of a sealed forty (40) ml vial filled with distilled water at the laboratory and placed within the iced chest. This sample is analyzed to detect any cross-contamination that may occur during transport.

2.1.3 Organic Vapor Sampling

Organic vapor content of soil samples was monitored in the field using a Portable Multi-Gas Detector Eagle Series, model RKI Eagle 2-GAS (OVA). A small portion collected from the sample was recovered and placed into a glass jar until it was approximately half full. The jar was then sealed with aluminum foil and fitted with an airtight lid. The glass jar was then placed in direct sunlight for approximately ten (10) minutes. The lid was removed and the organic vapor content was monitored by inserting the OVA probe through the aluminum foil and into the headspace. The values obtained (ppm) were annotated on the soil boring logs (see **Appendix (Volume) II A**).

2.1.4 Ground Water Monitoring Well Installation

From June 22 to June 29, 2005, ten (10) ground water monitoring wells were installed to a depth of twenty (20) feet below ground surface. The monitoring wells were identified as FPEI-MW-1 to FPEI-MW-10. The twenty (20) feet deep monitoring wells were constructed with seventeen (17) feet of Schedule 40, four (4) inch Outside Diameter (OD) Polyvinyl (PVC) screen casing with a slot of 0.020-inch, and three (3) feet of blank PVC casing.

The bottom part of the screened pipe was sealed with a screw-on end cap and placed at the bottom of the boring. Blank casing was connected to the upper section of the screen casing by square-threaded joints. No glues or adhesives were

used. All casings were washed before installation using a solution of Alconox, rinsed with tap water and distilled water, and allowed to air-dry.

The annulus of each well were filled with a clean sand pack to approximately six inches above the screened casing. Granular bentonite was then placed on top of the sand pack to create an impermeable barrier of approximately two (2) feet in thickness. Then concrete cement was poured on top of the bentonite plug up to the ground surface. The top of the blank pipe was fitted with a locking cap and the entire assembly were covered with a cast-iron casing ("manhole"). Typical construction of a 20-foot ground water monitoring well is illustrated on **Figure *4***.

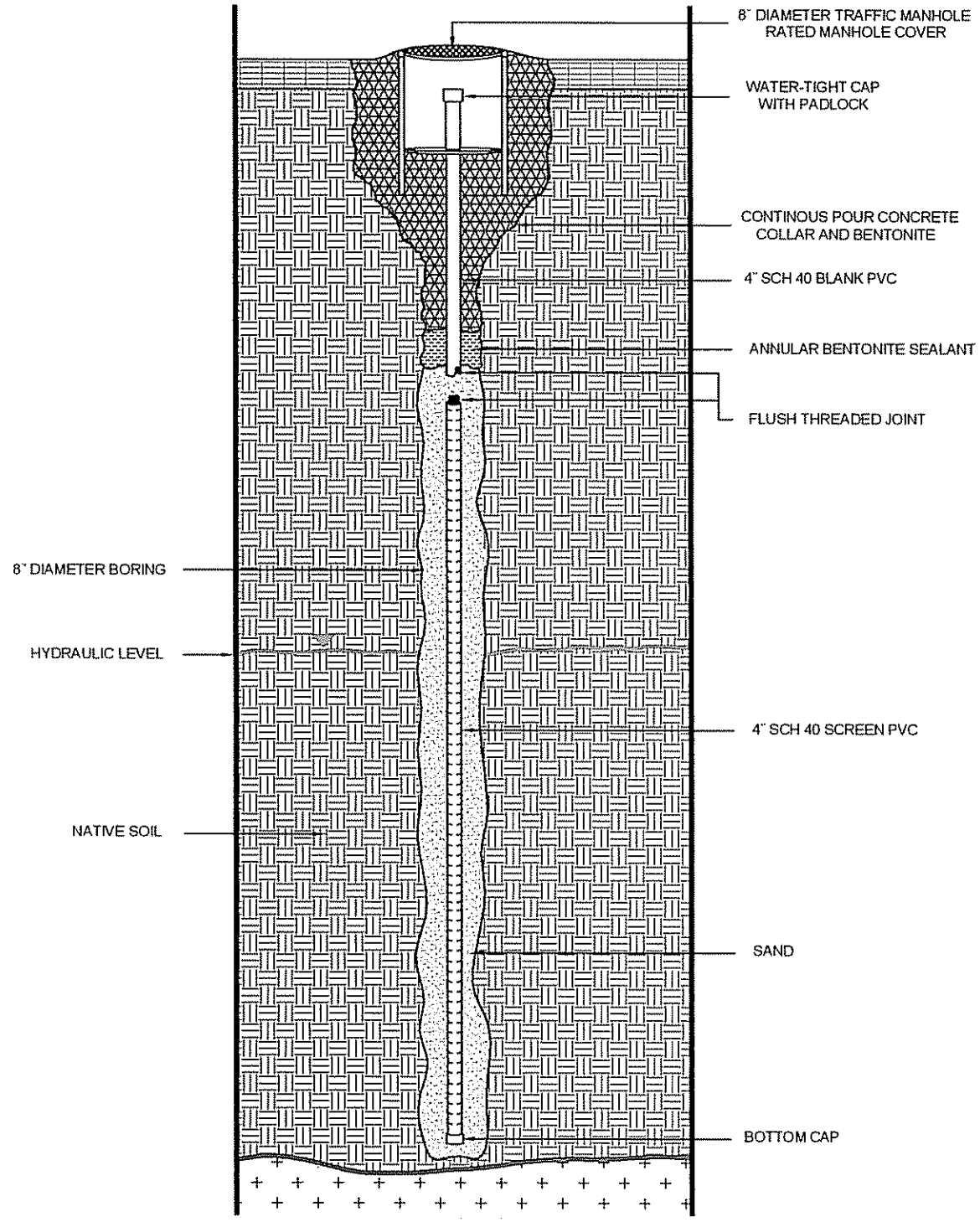
2.2 GROUND WATER SAMPLING

2.2.1 Measurement of Depth to Ground Water

After the wells were properly developed and allowed to stabilize, the depth to ground water in each well was measured using an electronic interface probe that was calibrated to 0.01 foot. The graduated tape of the electronic interface probe was lowered into each well until an audible alarm sounded. All measurements were taken from permanent, easily identifiable, reference points that were marked at the top of each well casing with the locking cap removed. All measurements were recorded in field logbooks.

2.2.2 Well Development

From June 29 to July 7, 2005, the newly installed ground water monitoring wells FPEI-MW-1 to FPEI-MW-10 and existing well FP-CSAW-6, were developed or purged. To avoid any possibility of cross-contamination, wells were purged using



APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

CLIENT:	CORCO
LOCATION:	STATE ROAD #127 GUAYANILLA, PUERTO RICO
PROJECT:	ENVIRONMENTAL INDICATORS

TYPICAL 20 FOOT GROUND-WATER MONITORING WELL CONSTRUCTION

DATE:	09/08/05	FIGURE:	4
DRAWN BY:	N.VALES	PROJECT NUM.:	05-333-01
APPROVED BY:	L. FIGUEROA	FILE:	CORCO.DWG

dedicated Teflon bailers. A minimum of three (3) casing volumes of water were removed from each well. Water produced during well development or purging was stored in 55-gallon DOT approved drums. **Table 1** presents the amount of water removed from each monitoring well. Prior to sampling, each well was allowed to equilibrate to approximately 90 percent of initial water level (no more than 30 minutes). During the well development process Total Dissolved Soil (TDS) concentrations were measured using a Hanna TDS Tester. Final readings collected from each well are presented in **Table 1**.

TABLE 1. GROUND WATER MONITORING WELL DEVELOPMENT

WELL ID #	*DEPTH TO PRODUCT (feet)*	*DEPTH TO WATER (feet)*	*WELL CONSTRUCTION DEPTH (feet)*	*WATER REMOVED (gallons)*	*TDS (ppm)*
FPEI-MW-1	NONE	5.38	20	29.00	> 2000
FPEI-MW-2	7.39 (FILM)	7.39	20	25.00	> 2000
FPEI-MW-3	NONE	3.67	20	32.00	> 2000
FPEI-MW-4	3.39 (FILM)	3.39	20	32.50	> 2000
FPEI-MW-5	5.31 (FILM)	5.31	20	29.00	> 2000
FPEI-MW-6	NONE	5.50	20	28.00	> 2000
FPEI-MW-7	2.49 (FILM)	2.49	20	34.00	> 2000
FPEI-MW-8	NONE	5.29	20	29.00	> 2000
FPEI-MW-9	4.65 (FILM)	4.65	20	30.00	> 2000
FPEI-MW-10	6.74 (FILM)	6.74	20	26.00	> 2000
FP-CSAW-6	6.00 (FILM)	6.01	NM	NM	> 2000

TDS – Total Dissolved Solids

2.2.3 Ground Water Sampling

After ground water equilibration (a period of not more than 30 minutes), the newly installed and an existing ground water monitoring wells were sampled. A dedicated, Teflon bailer attached to a dedicated nylon cord was lowered into the well to collect ground water samples from the top 36-inches of the ground water column. Ground water collected in the bailer was then poured into 40 ml. glass vials and, one 500-ml amber container, all with septum lids, in a manner to eliminate headspace in the containers. A duplicate sample was collected on each day of sampling. Each sample was labeled and placed in an ice chest for cold storage (≤4°C) during fieldwork and transport to the analytical laboratory. Trip blanks, field blanks and equipment blanks were submitted for quality control.

2.2.4 Surveying of Ground Water Monitoring Wells

In August 2005, the company Professional Land Surveyors measured the relative elevations of each monitoring well. Elevations were determined by establishing a closed-loop level line for vertical control using a Topcon AT-22A Automatic Level and an Ashtech ProMark2, Single Frequency (L1) GPS Receiver. The error of closure for the level line was 0.0, starting at a benchmark existing on the eastern end, inside the OXOCHEM facility. The elevation of this benchmark is 33.58-feet above MSL.

2.2.5 Ground Water Elevation and Flow Direction

Depth to ground water was measured in each monitoring well. The measured ground water depth in each well was converted to ground water elevation by calculating the difference between the measured depth and the ground water

surface elevation. All measurements were taken from permanent reference points marked at the top of each ground water monitoring well. Ground water elevations were then plotted on site maps and a contour map was generated using the data points. The resultant contour diagram shows ground water flows radially from the western to mid portion of the peninsula outwards towards the bay (**Figure 5**). **Table 2** presents the results of the surveying of the wells at the **FLORES PARK** facility.

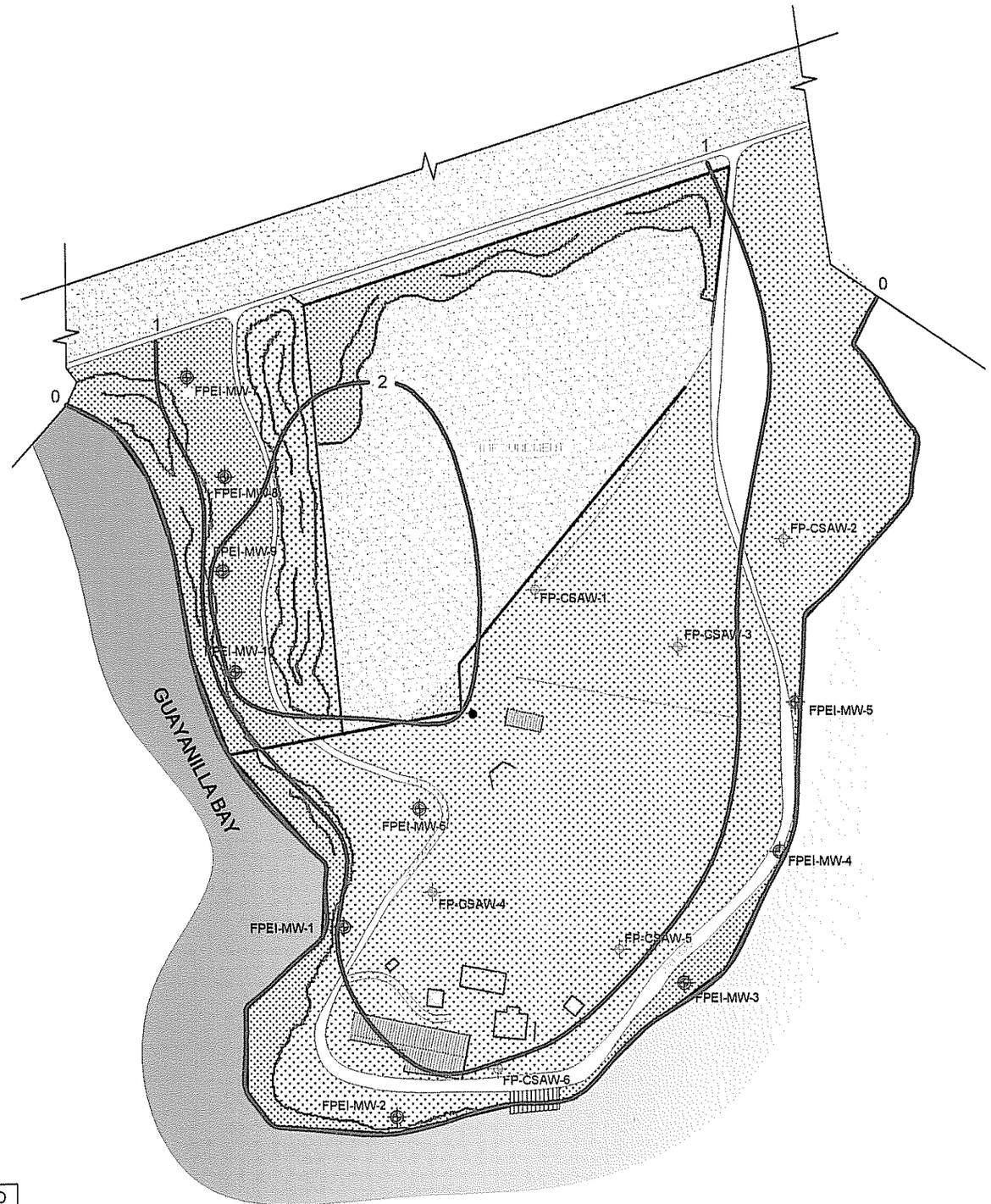
TABLE 2. GROUND WATER MEASUREMENTS

WELL IDENTIFICATION	DATE	DEPTH TO GROUND WATER (meters)	WELL CASING ELEVATION (meters)	GROUND WATER ELEVATION (meters)
FPEI-MW-1	06/29/2005	1.640	1.809	0.169
FPEI-MW-2	06/29/2005	2.253	2.369	0.116
FPEI-MW-3	06/30/2005	1.119	1.271	0.152
FPEI-MW-4	06/30/2005	1.034	1.111	0.077
FPEI-MW-5	06/30/2005	1.619	1.782	0.163
FPEI-MW-6	07/07/2005	1.677	2.172	0.495
FPEI-MW-7	07/07/2005	0.759	1.200	0.441
FPEI-MW-8	07/07/2005	1.613	2.017	0.404
FPEI-MW-9	07/07/2005	1.418	2.136	0.718
FPEI-MW-10	07/07/2005	2.055	2.678	0.623

2.3 CHEMICAL ANALYSES

Chemical analyses of ground water samples were performed by Pace Analytical Services, Inc. (Pace), an EPA Contract Laboratory Program (CLP) participant, located on San German, Puerto Rico. Soil samples, ground water samples and QA/QC blanks collected were analyzed for the following parameters:

- Total Petroleum Hydrocarbons – Gasoline Range Organics (TPH-GRO) using EPA Method 8015B,



COMPUTER GENERATED
SURFER V 8

INTERVAL = 1 FEET

NORTH

CLIENT: CORCO

LOCATION: STATE ROAD #127
GUAYANILLA, PUERTO RICO

PROJECT: ENVIRONMENTAL INDICATORS

GROUND-WATER CONTOUR DIAGRAM

DATE: 09/08/05	FIGURE: 5
DRAWN BY: N.VALES	PROJECT NO : 05-333-01
APPROVED BY: L. FIGUEROA	FILE: CORCO.DWG

LEGEND

- EXISTING MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION
- LINE OF EQUAL GROUND-WATER ELEVATION

APPROXIMATE SCALE

200 100 0 200 (FEET)

50 25 0 50 (METERS)

APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

- Total Petroleum Hydrocarbons – Diesel Range Organics (TPH-DRO) using EPA Method 8015B;
- Total Petroleum Hydrocarbons – Oil Range Organics (TPH-ORO) using EPA Method 8015B; and
- Volatile Organic Compounds (COV): Benzene, Toluene, Ethyl benzene and Total Xylenes (BTEX) using EPA Method 8021

During soil sampling procedures, Soil Samples B-51 to B-59 exhibited strong, indistinct, petroleum hydrocarbon compound odors. Therefore, these samples were also analyzed for Semi-Volatile and Volatile Organic Compounds (VOCs) using EPA Methods 8260 & 8270.

Ground water and soil samples collected were analyzed individually for the parameters described on **Table 3.**

TABLE 3. SAMPLING PARAMETERS FOR ANALYSES OF GROUND-WATER AND SOIL SAMPLES

PARAMETER	***METHOD***	***NUMBER SOIL SAMPLES***	***NUMBER WATER SAMPLES***	***SAMPLE BOTTLES***	***PRESERVATION METHOD***	***METHOD DETECTION LIMIT (PPM)***	
TPH-GRO	8015B	68	14	3 vials per sample	HCl and/or ≤ 4°C	Gasoline Range Organics (GRO)	***0.100-25.00***
TPH-DRO	8015B	68	14	1-500-ml per sample	≤ 4°C	Diesel Range Organics (DRO)	***0.500***
TPH-ORO	8015B	68	14	1-500-ml per sample	≤ 4°C	Oil Range Organics (ORO)	***5.00***
BTEX	8021	68	14	3 vials per sample	HCl and/or ≤ 4°C	Benzene, Toluene, Ethylbenzene, Total Xylenes	***0.0050-1.30*** ***0.0050-1.30*** ***0.0050-1.30*** ***0.015-3.80***
SEMI-VOLATILES	8260	10	None	2-4oz per sample	≤ 4°C	ALL	***0.830-5.00***
VOLATILES	8270	10	None	2-4oz per sample	≤ 4°C	ALL	***0.830-5.00***

3.0 FINDINGS

3.1 PHYSICAL RESULTS

3.1.1 Lithology

Lithology beneath **Flores Park** was evaluated by examining undisturbed soil samples from Soil Borings B-1 to B-59 and FPEI-MW-1 to FPEI-MW-10. Soils Borings B-1 to B-59 were drilled to a depth of four (4) feet below ground surface, into the capillary fringe. Soil Borings FPEI-MW-1 to FPEI-MW-10 were drilled to a depth of twenty (20) feet and were converted to ground water monitoring wells. The monitoring wells were identified as FPEI-MW-1 to FPEI-MW-10. Lithology beneath the area consisted mainly of limestone fill material underlain by unconsolidated marine-lagoonal gravelly sandy clays, colors varying from black to dark gray.

Soil samples were screened for organic vapors using an OVA. Petroleum hydrocarbon vapor concentrations varied from non detect (ND) to 540 ppm. Petroleum hydrocarbon compound odors or stains were observed in the soil examined. For more detailed descriptions of the subsurface soil within each boring, refer to the soil boring logs included in **Appendix (Volume) II-A**.

3.1.2 Hydrogeology

Ground water occurs in the newly installed monitoring wells at depths that range between four and five (4-5) feet bgs. The ground water elevation contour diagram shows ground water flows radially from the western to mid portion of the peninsula outwards towards the bay (**Figure 5**).

3.2 CHEMICAL RESULTS

Results of chemical analyses performed on the soil samples are summarized in **Tables 4 and 5**. Results of chemical analyses performed on the ground water samples are summarized in **Table 6**. Copies of laboratory results and chain-of-custody documents are included in **Appendices (Volumes) II-B, C and D.**

3.2.1 Chemical Results of Soil Samples

Chemical analyses for the detection of Gasoline Range Organics, Diesel Range Organics, Oil Range Organics and BTEX using EPA Methods 8015B and 8021, were conducted on sixty three (63) soil samples, duplicates and QA/QC blanks. These were collected from Borings B-1 to B-59 and mangrove samples. Concentrations for each parameter varied as follows and are listed in **Table 4**:

- TPH-GRO: varied from ND to 1,300 ppm;
- TPH-DRO: varied from ND to 28,000 ppm;
- TPH-ORO: varied from ND to 2,900 ppm;
- Benzene: varied from ND to 16 ppm;
- Toluene: ND;
- Ethylbenzene: varied from ND to 42 ppm; and,
- Total Xylenes: varied from ND to 54 ppm.

Chemical analyses for the detection of volatile and semi-volatile organic compounds using EPA Methods 8260 and 8270, were conducted on nine (9) soil samples, duplicates and QA/QC blanks. These were collected from Borings B-51 to B-59. Concentrations for each detected parameter are listed in **Table 5**.

3.2.2 Chemical Results of Ground Water Samples

Chemical analyses for Total Petroleum Hydrocarbons (TPH) and BTEX using EPA Methods 8015B and 8021, respectively, were conducted on fourteen (14) ground water samples. Concentrations detected varied as follow:

- TPH-GRO: ND to 12 ppm;
- TPH-DRO: ND to 3.5 ppm;
- TPH-ORO: ND;
- Benzene: ND;
- Ethylbenzene: ND;
- Toluene: ND; and,
- Total Xylenes: ND.

Results of chemical analyses performed on groundwater samples are summarized in **Table 6**. Copies of the chain-of-custody documents are included in **Appendices (Volumes) II-B, C and D**.

3.2.3 Chemical Results of QA/QC Blanks

Chemical analyses for total petroleum hydrocarbon compounds and BTEX using EPA Methods 8015B and 8021, respectively, were conducted on nine (9) QA/QC samples. Concentrations were all non-detect.

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
JUNE 23, 2005							
B-1 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-2 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-3 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-4 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-5 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-6 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-7 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-8 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-9 @ 4 FT	ND	10.00	ND	ND	ND	ND	ND
B-10 @ 4 FT	ND	**150.0**	**120.0**	ND	ND	ND	ND
B-11 @ 4 FT	ND	6.00	ND	ND	ND	ND	ND
B-12 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-13 @ 4 FT	ND	24.00	ND	ND	ND	ND	ND
B-14 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-15 @ 4 FT	ND	66.00	ND	ND	ND	ND	ND
B-16 @ 4 FT	9.70	**130.0**	**200.0**	ND	ND	ND	ND
B-17 @ 4 FT	ND	ND	ND	ND	ND	ND	ND

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
JUNE 23, 2005							
B-18 @ 4 FT	ND	**160.0**	**160.0**	ND	ND	ND	ND
EB	ND	---	---	ND	ND	ND	ND
FB	ND	---	---	ND	ND	ND	ND
TB	ND	---	---	ND	ND	ND	ND
EB-1	---	ND	ND	---	---	---	---
FB-1	---	ND	ND	---	---	---	---
B-150*	ND	58.00	ND	ND	ND	ND	ND
JUNE 24, 2005							
B-19 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-190 **	ND	ND	ND	ND	ND	ND	ND
B-20 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-21 @ 4 FT	ND	**260.0**	**230.0**	ND	ND	ND	ND
B-22 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-23 @ 4 FT	ND	33.00	ND	ND	ND	ND	ND
B-24 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-25 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-26 @ 4 FT	ND	ND	ND	ND	ND	ND	ND

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
JUNE 24, 2005							
B-27 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-28 @ 4 FT	ND	65.00	**120.0**	ND	ND	ND	ND
B-29 @ 4 FT	ND	63.00	ND	ND	ND	ND	ND
B-30 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-31 @ 4 FT	ND	**1400**	**460.0**	ND	ND	ND	ND
B-32 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-33 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-34 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-35 @ 4 FT	ND	45.00	ND	ND	ND	ND	ND
B-36 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-37 @ 4 FT	22.00	**3500**	**1000**	ND	0.520	ND	ND
B-38 @ 4 FT	ND	18.00	ND	ND	ND	ND	ND
B-39 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-40 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-41 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
EB	ND	---	---	ND	ND	ND	ND
FB	ND	---	---	ND	ND	ND	ND

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
JUNE 24, 2005							
TB	ND	---	---	ND	ND	ND	ND
EB-2	---	ND	ND	---	---	---	---
FB-2	---	ND	ND	---	---	---	---
JUNE 28, 2005							
B-42 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-43 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-45 @ 4 FT	ND	13.00	ND	ND	ND	ND	ND
B-46 @ 4 FT	ND	**330.0**	**340.0**	ND	ND	ND	ND
B-47 @ 4 FT	ND	**240.0**	**140.0**	ND	ND	ND	ND
B-48 @ 4 FT	**1100**	**11000**	**1000**	ND	**26.00**	ND	**43.00**
B-49 @ 4 FT	ND	9.80	ND	ND	ND	ND	ND
B-50 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
DUP ***	ND	ND	ND	ND	ND	ND	ND
EB	ND	---	---	ND	ND	ND	ND
FB	ND	---	---	ND	ND	ND	ND
TB	ND	---	---	ND	ND	ND	ND
EB-3	---	ND	ND	---	---	---	---

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
EB-3	---	ND	ND	---	---	---	---
FB-3	---	ND	ND	---	---	---	---
JULY 1, 2005							
B-51 @ 4 FT	6.10	**2200**	**630.0**	ND	ND	ND	ND
B-52 @ 4 FT	ND	**4200**	**510.0**	ND	ND	ND	ND
B-53 @ 4 FT	ND	**8500**	**2500**	ND	ND	ND	ND
B-54 @ 4 FT	ND	**2000**	**870.0**	ND	ND	ND	ND
B-55 @ 4 FT	**1300**	**28000**	**2900**	**16.00**	**42.00**	ND	**54.00**
B-56 @ 4 FT	ND	8.80	ND	ND	ND	ND	ND
B-57 @ 4 FT	ND	**3600**	**290.0**	ND	ND	ND	ND
B-58 @ 4 FT	ND	**2000**	**550.0**	ND	ND	ND	ND
B-59 @ 4 FT	ND	**590.0**	**420.0**	ND	ND	ND	ND
B-510 ****	ND	**1600**	**1300**	ND	ND	ND	ND
EB	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	---	---	ND	ND	ND	ND
EB-6	---	ND	ND	ND	ND	ND	ND
FB-6	---	ND	ND	ND	ND	ND	ND

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
FP-S-1*****	ND	14	ND	ND	ND	ND	ND
FP-S-10	ND	27	ND	ND	ND	ND	ND
FP-S-2	ND	ND	ND	ND	ND	ND	ND
FP-S-3	ND	ND	ND	ND	ND	ND	ND
FP-S-4	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	ND	ND	ND	ND	ND	ND
EB	ND	ND	ND	ND	ND	ND	ND
RL^s	5.00	5.00	50.00	0.250	0.250	0.250	0.250
RL^w	0.100	0.500	5.00	0.005	0.005	0.005	0.015

Notes:

EB - Equipment Blank
FB - Field Blank
TB - Trip Blank
RL - Reporting Limit
RL^s - Reporting Limit of Soil Samples
RL^w - Reporting Limit of Water

* - Duplicate of sample B-15
** - Duplicate of sample B-19
*** - Duplicate of sample B-42
**** - Duplicate of sample B-51
***** - Duplicate of sample FP-S-1

TPH - Total Petroleum Hydrocarbons
ND - Non-Detect
PPM - Parts per million

TABLE 5. RESULTS OF CHEMICAL ANALYSES PERFORMED ON SOIL SAMPLES AND QA\QC BLANKS USING EPA METHODS 8260 & 8270 (DETECTED COMPOUNDS ONLY)

(PPM)

SAMPLE ID	NAPHTHALENE	PROPYL BENZENE	1,2,4-TRIMETHYL BENZENE	MESITYLENE	2-METHYL NAPHTHALENE	PHENANTHRENE	FLUORENE
B-51 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-52 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-53 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-54 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-55 @ 4 FT	25.00-28.00	5.30	51.00	11.00	85.00	26.00	27.00
B-56 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-57 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-58 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-59 @ 4 FT	ND	ND	ND	ND	ND	ND	ND
B-510 ****	ND	ND	ND	ND	ND	ND	ND
EB	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	ND	ND	ND	ND	ND	ND
EB-6	ND	ND	ND	ND	ND	ND	ND
FB-6	ND	ND	ND	ND	ND	ND	ND
RL	***0.830***	***5.00***	***5.00***	***5.00***	***0.830***	***0.830***	***0.830***

NOTES:

EB - EQUIPMENT BLANK
FB - FIELD BLANK
TB - TRIP BLANK
RL - REPORTING LIMIT
**** - DUPLICATE OF SAMPLE (B-51)
TPH - TOTAL PETROLEUM HYDROCARBONS
ND - NON-DETECT
PPM - PARTS PER MILLION

TABLE 6. RESULTS OF CHEMICAL ANALYSES PERFORMED ON GROUNDWATER SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENE
JUNE 29, 2005							
FPEI-MW-1	ND	ND	ND	ND	ND	ND	ND
FPEI-MW-2	ND	ND	ND	ND	ND	ND	ND
FPEI-MW-A*	ND	ND	ND	ND	ND	ND	ND
FP-CSAW-6	ND	ND	ND	ND	ND	ND	ND
EB	ND	---	---	ND	ND	ND	ND
FB	ND	---	---	ND	ND	ND	ND
TB	ND	---	---	ND	ND	ND	ND
EB-4	---	ND	ND	---	---	---	---
FB-4	---	ND	ND	---	---	---	---
JUNE 30, 2005							
FPEI-MW-3	ND	ND	ND	ND	ND	ND	ND
FPEI-MW-B**	ND	ND	ND	ND	ND	ND	ND
FPEI-MW-4	ND	ND	ND	ND	ND	ND	ND
FPEI-MW-5	ND	ND	ND	ND	ND	ND	ND
EB	ND	---	---	ND	ND	ND	ND
FB	ND	---	---	ND	ND	ND	ND

TABLE 6. RESULTS OF CHEMICAL ANALYSES PERFORMED ON GROUNDWATER SAMPLES AND QA\QC BLANKS USING EPA METHODS 8015B (GASOLINE, DIESEL FUEL AND OIL) AND 8021 (BTEX).

(PPM)

SAMPLE ID	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENE
JULY 7, 2005							
FPEI-MW-6	1.6	ND	ND	ND	ND	ND	ND
FPEI-MW-7	ND	ND	ND	ND	ND	ND	ND
FPEI-MW-8	0.73	ND	ND	ND	ND	ND	ND
FPEI-MW-C***	1.6	ND	ND	ND	ND	ND	ND
FPEI-MW-9	12	3.5	ND	ND	ND	ND	ND
FPEI-MW-10	ND	ND	ND	ND	ND	ND	ND
EB	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	---	---	ND	ND	ND	ND
RL	***0.100***	***0.500***	***5.00***	***0.005***	***0.005***	***0.005***	***0.015***

Notes:

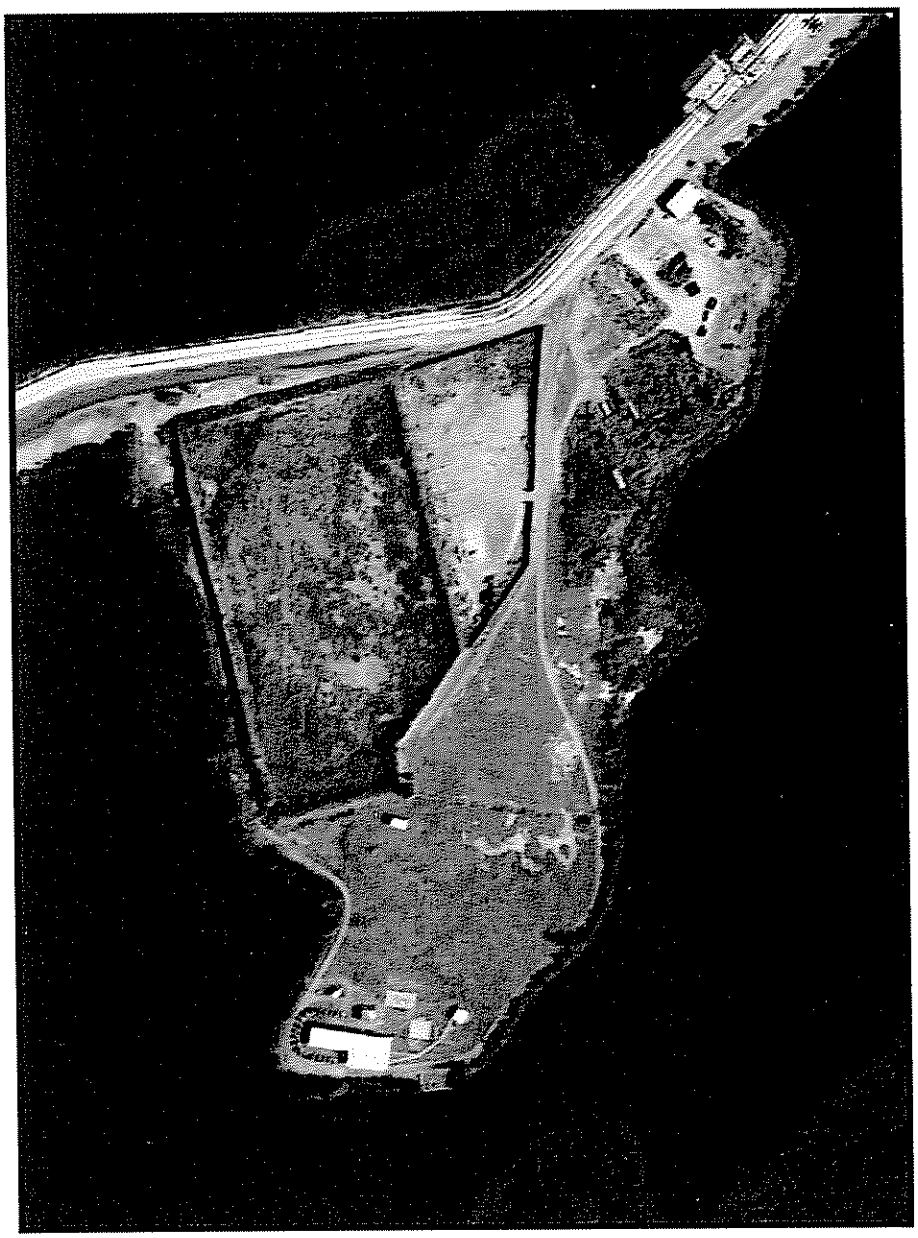
PPM - Parts per Millions
TPH - Total Petroleum Hydrocarbons
ND - Non Detected
* - Duplicate sample of FPEI-MW-1
** - Duplicate sample of FPEI-MW-3
*** - Duplicate sample of FPEI-MW-6

EB - Equipment Blank
FB - Field Blank
TB - Trip Blank

APPENDIX II A

PHOTOGRAPHS

Commonwealth Oil Refining Company (Flores Park)



Environmental Indicators

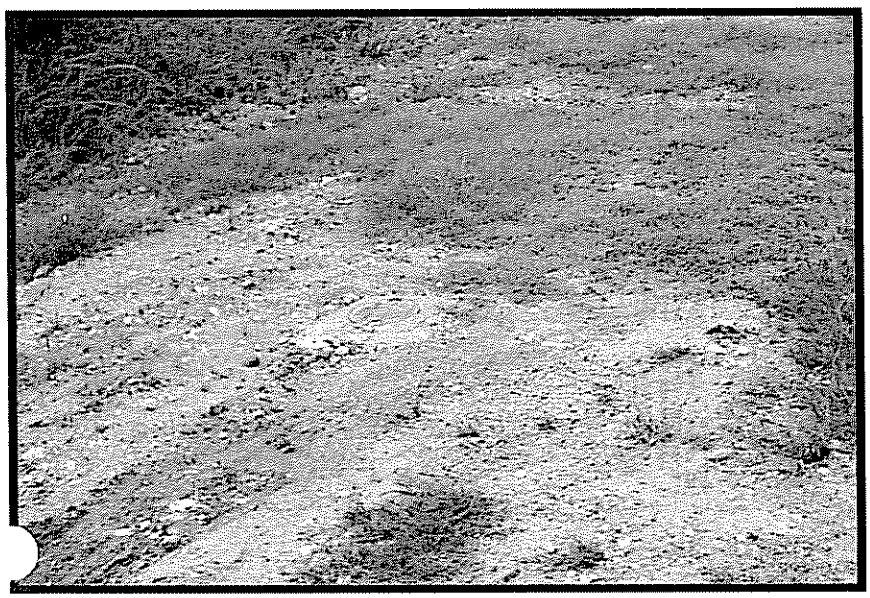
FPEI-MW-1

FPEI-MW-2

FPEI-MW-3

FPEI-MW-4

FPEI-MW-5



FPEI-MW-6

APPENDIX II A

SOIL BORING LOGS

AGES
Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING: **FPEI-MW-1**

BORING LOCATION:	Corco (Flores Park)
DRILLING CONTRACTOR:	Ages, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	AMS Power Probe 9600
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
HAMMER WEIGHT:	NA
DROP:	NA
GROUND SURFACE ELEVATION AND DATUM:	1.809 Meters
DATE STARTED:	06/22/05
DATE FINISHED:	06/22/05
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
LOGGED BY:	Joaquin Vargas
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: 6.56' MSL)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–4				0	SANDY GRAVEL (GM): very dark brown (10YR 2/2), moist, coarse, no odor.	Traffic Rated Well Box; 4" diameter Schedule 40 PVC casing; Neat cement grout.
4–8				0	CLAYEY GRAVEL POORLY SORTED (GC): very dark grayish brown (2.5Y 3/2), moist, soft, no odor.	Bentonite chip seal; 8" diameter borehole; River Sand
8–12				0	SOFT GRAVELLY CLAY (CL): black (5Y 2.5/2), moist, soft, some odor	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
12–16				35	SANDY CLAY (CL): black (7.5YR 2/0), moist, soft, odor.	4" diameter, 0.020" slot Schedule 40 PVC screen; 8" diameter borehole
16–20				100	SANDY GRAVEL (GM): black (5Y 2.5/2), moist, coarse, some odor.	River Sand; End Cap
20				25		

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BORING:	**FPEI-MW-2**
BORING LOCATION:	**Corco (Flores Park)**
GROUND SURFACE ELEVATION AND DATUM:	2.369 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	06/22/05
DATE FINISHED:	06/22/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: 6.56' MSL)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1					GRAVEL-SAND MIXTURE (GW): dark grayish brown (2.5Y 3/2), moist, coarse, no odor	4" diameter Schedule 40 PVC casing
2						
3						Neat cement grout
4				0		
5					SANDY CLAY (CL): black (2.5Y 2/0), moist, soft, odor.	Bentonite chip seal
6						8" diameter borehole
7						River Sand
8				15		
9					NR	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10						
11						
12				–		4" diameter, 0.020" slot, Schedule 40 PVC screen
13						
14					NR	8" diameter borehole
15						
16				–		River Sand
17						
18					NR	
19						
20				–		End Cap

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BORING: **FPEI-MW-3**

BORING LOCATION:	Corco (Flores Park)
DRILLING CONTRACTOR:	Ages, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	AMS Power Probe 9600
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
HAMMER WEIGHT:	NA
DROP:	NA
GROUND SURFACE ELEVATION AND DATUM:	1.271 Meters
DATE STARTED:	06/22/05
DATE FINISHED:	06/22/05
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
LOGGED BY:	Joaquin Vargas
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: 6.56' MSL)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						4" diameter Schedule 40 PVC casing
2					NR	
3						Neat cement grout
4						
5						Bentonite chip seal
6					GRAVELLY SAND (SW): dark grayish brown (2.5Y 4/2), moist, medium stiff, no odor	8" diameter borehole
7						River Sand
8				0		
9						
10					GRAVEL-SAND MIXTURE (GW): gray (5Y 6/1), moist, stiff, no odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
11						
12				0		
13						4" diameter, 0.020" slot, Schedule 40 PVC screen
14					GRAVEL-SAND MIXTURE (GW): gray (5Y 6/1), moist, stiff, no odor	
15						8" diameter borehole
16				0		River Sand
17						
18					NR	
19						
20						End Cap

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BORING: **FPEI-MW-4**

BORING LOCATION:	**Corco (Flores Park)**
DRILLING CONTRACTOR:	Ages, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	AMS Power Probe 9600
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
HAMMER WEIGHT:	NA
DROP:	NA
GROUND SURFACE ELEVATION AND DATUM:	1.111 Meters
DATE STARTED:	06/22/05
DATE FINISHED:	06/22/05
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
LOGGED BY:	Joaquin Vargas
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: 6.56' MSL	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1					SANDY GRAVEL (GM): black (7.5Y 2/0), moist, coarse, some odor.	4" diameter Schedule 40 PVC casing
2						
3						Neat cement grout.
4				0		
5					CLAYEY GRAVEL POORLY SORTED (GC): black (7.5YR 2/0), moist, coarse, no odor	Bentonite chip seal
6						8" diameter borehole
7						River Sand
8				0		
9					CLAYEY GRAVEL POORLY SORTED (GC): black (7.5YR 2/0), moist, coarse, no odor	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10						
11						
12				0		
13						4" diameter, 0.020" slot. Schedule 40 PVC screen
14					NR	
15						8" diameter borehole
16				–		River Sand
17						
18					NR	
19						
20						End Cap

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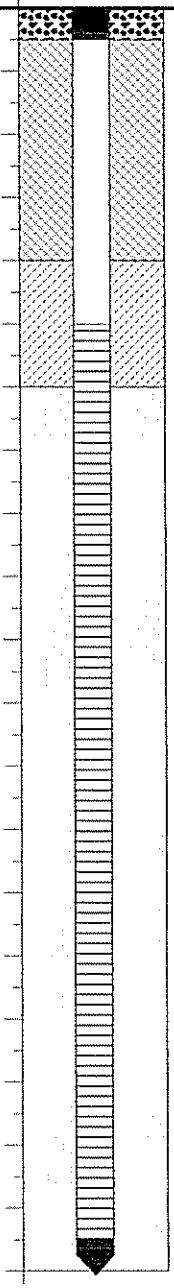
BORING: **FPEI-MW-5**

BORING LOCATION:	**Corco (Flores Park)**
DRILLING CONTRACTOR:	Ages, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	AMS Power Probe 9600
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
HAMMER WEIGHT:	NA
DROP:	NA
GROUND SURFACE ELEVATION AND DATUM:	1.782 Meters
DATE STARTED:	06/22/05
DATE FINISHED:	06/22/05
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DEPTH TO WATER: FIRST:	
COMPL	
CASING:	NA
LOGGED BY:	Joaquin Vargas
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0					Surface Elevation: 6.56' MSL	Traffic Rated Well Box
1					SANDY GRAVEL (GM): olive (5Y 5/3), moist, cobbles, no odor.	4" diameter Schedule 40 PVC casing
2						
3						Neat cement grout
4				0		
5					NR	Bentonite chip seal
6						8" diameter borehole
7						River Sand
8						
9					NR	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10						
11						
12						4" diameter, 0.020" slot. Schedule 40 PVC screen
13					SANDY CLAY (CL): dark gray (5Y 4/1), moist, soft, odor.	
14						8" diameter borehole
15						
16				0		River Sand
17						
18					NR	
19						
20						End Cap



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BORING: **FPEI-MW-6**

BORING LOCATION:	**Corco (Flores Park)**
DRILLING CONTRACTOR:	Ages, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	AMS Power Probe 9600
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
HAMMER WEIGHT:	NA
DROP:	NA
GROUND SURFACE ELEVATION AND DATUM:	2.172 Meters
DATE STARTED:	06/22/05
DATE FINISHED:	06/22/05
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
LOGGED BY:	Joaquin Vargas
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: 6.56' MSL	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						4" diameter Schedule 40 PVC casing
2					TOP SOIL	
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6					GRAVELLY CLAY (CL): dark olive gray (5Y 3/2), moist, soft, no odor.	8" diameter borehole
7						River Sand
8				0		
9						
10					HIGHLY ORGANIC SOIL (PT): black (5Y 2.5/1), moist, some odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm
11						
12				20		
13						4" diameter, 0.020" slot. Schedule 40 PVC screen
14					NR	
15						8" diameter borehole
16				–		River Sand
17						
18					NR	
19						
20						End Cap

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BORING:	**FPEI-MW-7**
BORING LOCATION:	**Corco (Flores Park)**
GROUND SURFACE ELEVATION AND DATUM:	
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	08/30/05
DATE FINISHED:	08/30/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	12
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color. moist. % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: 6.56' MSL)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						4" diameter Schedule 40 PVC casing
2					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist. soft. odor	
3						Neat cement grout
4				15		
5						Bentonite chip seal
6					SANDY CLAY (CL): dark gray (2 5Y 4/1), moist, soft. some odor.	8" diameter borehole
7						River Sand
8				115		
9						
10					GRAVELLY SANDY CLAY (CL): black (5Y 2 5/2), moist. soft. odor	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
11						
12				100		
13						4" diameter, 0.020" slot, Schedule 40 PVC screen
14						
15						8" diameter borehole
16						River Sand
17						
18						
19						
20						End Cap

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BORING:	**FPEI-MW-8**
BORING LOCATION:	**Corco (Flores Park)**
GROUND SURFACE ELEVATION AND DATUM:	
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	08/30/05
DATE FINISHED:	08/30/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	12
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: 6.56' MSL)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						4" diameter Schedule 40 PVC casing
2					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, odor	
3						Neat cement grout
4				10		
5						Bentonite chip seal
6					GRAVELLY SANDY CLAY (CL): black (5Y 2.5/2), moist, soft, odor	8" diameter borehole
7						River Sand
8				25		
9						
10					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, odor	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas: readings in ppm
11						
12				105		
13						4" diameter, 0.020" slot, Schedule 40 PVC screen
14						
15						8" diameter borehole
16						River Sand
17						
18						
19						
20						End Cap

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BORING:	**FPEI-MW-9**
BORING LOCATION:	**Corco (Flores Park)**
GROUND SURFACE ELEVATION AND DATUM:	
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED: 08/30/05	DATE FINISHED: 08/30/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.): 16	SCREEN INTERVAL (ft.): 0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	CASING: NA
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT: NA DROP: NA	RESPONSIBLE PROFESSIONAL: Luis D. Figueroa
	PROJECT NO. 05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: 6.56' MSL)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						4" diameter Schedule 40 PVC casing
2					GRAVELLY SANDY CLAY (CL): black (5Y 2.5/2), moist, soft, some odor	
3						Neat cement grout.
4				25		
5						Bentonite chip seal
6					GRAVELLY SANDY CLAY (CL): black (5Y 2.5/2), moist, soft, odor	8" diameter borehole
7						River Sand
8				175		
9						
10					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm
11						
12				225		
13						4" diameter, 0.020" slot, Schedule 40 PVC screen
14					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, odor.	8" diameter borehole
15						
16				10		River Sand
17						
18						
19						
20						End Cap

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BORING:	**FPEI-MW-10**
BORING LOCATION:	**Corco (Flores Park)**
GROUND SURFACE ELEVATION AND DATUM:	
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED: 08/30/05	DATE FINISHED: 08/30/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.): 12	SCREEN INTERVAL (ft.): 0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL	CASING: NA
SAMPLING METHOD:	4-foot continuous core system [4' x 2.5"]
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT: NA DROP: NA	RESPONSIBLE PROFESSIONAL: Luis D. Figueroa
	PROJECT NO 05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: 6.56' MSL	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						4" diameter Schedule 40 PVC casing
2					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, no odor.	
3						Neat cement grout
4				0		
5						Bentonite chip seal
6					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, no odor.	8" diameter borehole
7						River Sand
8				0		
9						
10					SANDY CLAY (CL): dark gray (2.5Y 4/1), moist, soft, some odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
11						
12				25		
13						4" diameter, 0.020" slot, Schedule 40 PVC screen
14						
15						8" diameter borehole
16						River Sand
17						
18						
19						
20						End Cap

APPENDIX II C

LABORATORY RESULTS AND CHAIN OF CUSTODY DOCUMENTS

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July 7, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on June 29, 2005. Please reference Pace project number 05-1554 when inquiring about this report.

Client Site: 98-000208
Client Ref.: Services

Pace Sample Identification	Client Sample Identification
0506-1657	B-42 (4ft)
0506-1658	B-43(4ft)
0506-1659	B-45 (4ft)
0506-1660	B-46 (4ft)
0506-1661	B-47 (4ft)
0506-1662	B-48 (4ft)
0506-1663	B-49 (4ft)

Pace Sample Identification	Client Sample Identification
0506-1664	B-50 (4ft)
0506-1665	DUP
0506-1666	EB
0506-1667	FB
0506-1668	TB
0506-1669	EB-3
0506-1670	FB-3

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

S Cruz for M. Martinez 7/8/05

Milton Martinez Barreto
Project Manager

MMB: scm

Enclosures

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: 98-000208
Client Ref.: Services

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1657**
Client Sample ID: **B-42 (4ft)**
Sample Matrix: Solid

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	06/30/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	06/30/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: 98-000208
Client Ref.: Services

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1658**
Client Sample ID: **B-43(4ft)**
Sample Matrix: Solid

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	06/30/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	06/30/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	06/30/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: 98-000208
Client Ref.: Services

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1659**
Client Sample ID: **B-45 (4ft)**
Sample Matrix: Solid

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	13	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1660**
Client Sample ID: **B-46 (4ft)**
Sample Matrix: Solid

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	330	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	340	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
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Client Site: 98-000208
Client Ref.: Services

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1661**
Client Sample ID: **B-47 (4ft)**
Sample Matrix: Solid

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	240	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	140	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: 98-000208
Client Ref.: Services

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1662**
Client Sample ID: **B-48 (4ft)**
Sample Matrix: Solid

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	11000	50	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	1000	500	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	1100	250	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<13	13	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	26	13	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<13	13	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	26	25	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	17	13	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Surrogate standards for GRO/BTEX were not recovered due to sample dilution.

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Lab Project ID: **05-1554**
Lab Sample ID: **0506-1663**
Client Sample ID: **B-49 (4ft)**
Sample Matrix: Solid

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	9.8	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 05-1554
Lab Sample ID: 0506-1664
Client Sample ID: B-50 (4ft)
Sample Matrix: Solid

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1554**
Lab Sample ID: **0506-1665**
Client Sample ID: **DUP**
Sample Matrix: Solid

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	06/30/2005	0001890-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	06/30/2005	0001890-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/01/2005	0001903-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/01/2005	0001902-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/01/2005	0001902-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1554**
Lab Sample ID: **0506-1666**
Client Sample ID: **EB**
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	06/30/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	06/30/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Client Site: 98-000208
Client Ref.: Services

Lab Project ID: **05-1554**
Lab Sample ID: **0506-1667**
Client Sample ID: **FB**
Sample Matrix: Aqueous

Date Sampled: 06/28/2005
Date Received: 06/29/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	06/30/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	06/30/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1554**
Lab Sample ID: **0506-1668**
Client Sample ID: **TB**
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015[1]	<0.10	0.10	mg/L	RGG	06/30/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
Ethylbenzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
Toluene	8021B[1]	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050
m,p-Xylene	8021B[1]	<0.010	0.010	mg/L	RGG	06/30/2005	0001900-1	<0.010
o-Xylene	8021B[1]	<0.0050	0.0050	mg/L	RGG	06/30/2005	0001900-1	<0.0050

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1554**
Lab Sample ID: **0506-1669**
Client Sample ID: **EB-3**
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015[1]	<0.50	0.50	mg/L	KIS	06/30/2005	0001891-1	<0.50
Oil Range Organics (ORO)	Mod 8015[1]	<5.0	5.0	mg/L	KIS	06/30/2005	0001891-1	<5.0

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 05-1554
Lab Sample ID: 0506-1670
Client Sample ID: FB-3
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Services

Date Sampled: 06/28/2005
Date Received: 06/29/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	06/30/2005	0001891-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	06/30/2005	0001891-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Approved by: _____ Date: July 08, 2005

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A 1032606
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CHAIN OF CUSTODY / Analytical Request Document

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Page: 1 of 2

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AGES inc	Report To: AGES	Attention: AGES
Address: PO Box 1054	Copy To:	Company Name: AGES
Dorado PR 00646-1054		Address:
Email To: AGES @ Cayuinet	Purchase Order No.:	Pace Quote Reference:
Phone: 787-270-3100 Fax: 270-3110	Project Name: Coral Flores Park	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ Other Soil Burn

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

Filtered (Y/N) / Requested Analysis: GRO, DRO, ORO, BTEX

Pace Project Number: 05-1554

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	GRO	DRO	ORO	BTEX	Residual Chlorine (Y/N)	Lab I.D
1	B-42	SL	G			6/28/05	1:00		2	X								X	X	X	X	2(4oz)	0506-1657
2	B-43						1:15		2														1658
3	B-45						2:00		2														1659
4	B-46						2:30		2														1660
5	B-47						2:35		1													(4oz)	1661
6	B-48						2:45		1													BT	1662
7	B-49						2:50		2													2(4oz)	1663
8	B-50						2:55		2														1664
9	DUP						—		2														1665
10	EB	WT					12:30		3				X					X		X		3PV	1666
11	FB	WT					3:00		3				X					X		X			1667
12	TB	WT					3:10		3				X					X		X			1668

(4 ft)

Additional Comments:

Pls send GC Chromatograms as/ac, Calibration Curves on sample B-48 analyze the section that is labeled Analyze this part.

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	6/29/05	12:50	[signature]	6/29/05	12:50
[signature]	6/29/05	1:52	[signature]	6/29/05	1632

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
4	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joaquin A. Vargas

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM / DD / YY): 6/29/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

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Page: 2 of 2

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Company: AVES inc	Report To: AVES	Attention: AVES
Address: PO Box 1054 Dorado PR 00646-1054	Copy To:	Company Name: AVES
		Address:
Email To: AVES @ Coquinet	Purchase Order No.:	Pace Quote Reference:
Phone: 270-3100 Fax: 270-3110	Project Name: Corco Flores Park	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ Other Soil Bank

SITE LOCATION ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N) / Requested Analysis: DRO	ORO			Residual Chlorine (Y/N)	Pace Project Number 05.1554 Lab I.D
1	EB-3	WT	G			6/28/05	12:30		1	X								X	X		GH		1669
2	FB-3	WT	G			↓	3:00		1	X								X	X		GH		1670
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

Additional Comments:
PS Send GC Chromatograms
QA/QC, Calibration Curves

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	6/28/05	12:50	[signature]	6/29/05	12:50
[signature]	6/29/05	4:32	Jeff Oak	6/29/05	1632

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joaquin A. Vargas

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/28/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-341	is1	GC-S-1-346	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-340	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	MB Aq	n/a	1900/1901	001F0101	Water	5mL	1	6/30/05 16:56	Opening CCV's from Close of previous run.
2	n/a	LCS Aq	n/a	1900/1901	002F0201	Water	5mL	1	6/30/05 17:28	**Run# 3729**
3	n/a	LCSD Aq	n/a	1900/1901	003F0301	Water	5mL	1	6/30/05 18:00	
4	05-1554	1666	<2	1900/1901	004F0401	Water	5mL	1	6/30/05 18:33	
5	05-1554	1667	<2	1900/1901	005F0501	Water	5mL	1	6/30/05 19:05	
6	05-1554	1668	<2	1900/1901	006F0601	Water	5mL	1	6/30/05 19:37	
7	n/a	MB Sol	n/a	1902/1903	007F0701	Soil	10.00g	1	6/30/05 20:10	
8	n/a	LCS Sol	n/a	1902/1903	008F0801	Soil	5.00g	1	6/30/05 20:42	
9	05-1554	1657	n/a	1902/1903	009F0901	Soil	10.01g	1	6/30/05 21:14	
10	05-1554	1657MS	n/a	1902/1903	010F1001	Soil	5.01g	1	6/30/05 21:47	
11	n/a	GRO CCV	n/a	n/a	011F1101	Water	5mL	1	6/30/05 22:18	
12	n/a	BTEX CCV	n/a	n/a	012F1201	Water	5mL	1	6/30/05 22:50	
13	05-1554	1657SD	n/a	1902/1903	013F1301	Soil	5.03g	1	6/30/05 23:23	
14	05-1554	1658	n/a	1902/1903	014F1401	Soil	10.03g	1	6/30/05 23:55	
15	05-1554	1659	n/a	1902/1903	015F1501	Soil	10.00g	1	7/1/05 0:27	**Run# 3730**
16	05-1554	1660	n/a	1902/1903	016F1601	Soil	9.99g	1	7/1/05 0:59	
17	05-1554	1661	n/a	1902/1903	017F1701	Soil	9.96g	1	7/1/05 1:31	
18	05-1554	1662	n/a	1902/1903	018F1801	Soil	9.97g	50	7/1/05 2:03	
19	05-1554	1663	n/a	1902/1903	019F1901	Soil	10.01g	1	7/1/05 2:35	
20	05-1554	1664	n/a	1902/1903	020F2001	Soil	10.00g	1	7/1/05 3:08	
21	05-1554	1665	n/a	1902/1903	021F2101	Soil	10.03g	1	7/1/05 3:40	

PACE ANALY. :AL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-341	is1	GC-S-1-346	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-340	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	n/a	GRO CCV	n/a	n/a	022F2201	Water	5mL	1	7/1/05 4:12	
23	n/a	BTEX CCV	n/a	n/a	023F2301	Water	5mL	1	7/1/05 4:44	
24	05-1567	1762	<2	1900/1901	024F2401	Water	5mL	1	7/1/05 5:16	
25	05-1567	1763	~~<2~~ >2	1900/1901	025F2501	Water	5mL	1	7/1/05 5:48	Sample received unpreserved. 7/01/05
26	05-1567	1764	<2	1900/1901	026F2601	Water	5mL	1	7/1/05 6:20	
27	05-1567	1765	<2	n/a	027F2701	Water	5mL	1	7/1/05 6:51	Foam-over-- Do not Report. Rerun.
28	05-1567	1766	<2	1900/1901	028F2801	Water	5mL	1	7/1/05 7:24	
29	05-1567	1767	<2	1900/1901	029F2901	Water	5mL	1	7/1/05 7:56	
30	05-1567	1768	<2	1900/1901	030F3001	Water	5mL	1	7/1/05 8:28	
31	n/a	GRO CCV	n/a	n/a	031F3101	Water	5mL	1	7/1/05 9:00	
32	n/a	BTEX CCV	n/a	n/a	032F3201	Water	5mL	1	7/1/05 9:33	

DEE 7/01/05

AC 7/01/05

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
´ ·ponse via : Initial Calibration

Non-Spiked Sample: 001F0101.D

	Spike Sample	Spike Duplicate Sample
File ID :	002F0201.D	003F0301.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	30-Jun-2005, 17:28:27	30-Jun-2005, 18:00:39

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1513	1630	92	99	7	20	70-130
Benzene	0.0	23	27	26	117	113	3	20	70-130
Toluene	0.0	123	123	122	100	99	1	20	70-130
Ethylbenzene	0.0	29	28	25	96	85	11	20	70-130
m,p-Xylene	0.0	103	101	95	98	93	6	20	70-130
o-Xylene	0.0	42	39	40	93	96	3	20	70-130

- Fails Limit Check

0617ARCH.M Fri Jul 01 10:21:39 2005 VOA

Data File Name **008F0801.D**
Date Acquired **30-Jun-2005, 20:42:39**
Method File **2GROBTEX.M**
Sample Name **LCS Sol,1,,2**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Gasoline	1528.37	1650	93	70 - 130	Pass
BFB-FID	93.15	100	93	70 - 130	Pass
Benzene	28.84	22.8	126	70 - 130	Pass
Toluene	111.27	123.3	90	70 - 130	Pass
Ethylbenzene	26.99	29.4	92	70 - 130	Pass
m,p-Xylene	86.25	102.6	84	70 - 130	Pass
o-Xylene	32.71	41.7	78	70 - 130	Pass
4-Bromofluorobenzene	73.76	100	74	70 - 130	Pass

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 009F0901.D

	Spike Sample	Spike Duplicate Sample
File ID :	010F1001.D	013F1301.D
Sample :	1554-1657MS,1,,3	1554-1657SD,1,,3
Acq Time:	30-Jun-2005, 21:47:00	30-Jun-2005, 23:23:16

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1389	1468	84	89	6	20	70-130
Benzene	0.0	23	28	29	124	126	1	20	70-130
Toluene	0.0	123	110	132	90	107	18	20	70-130
Ethylbenzene	0.0	29	26	27	88	91	3	20	70-130
m,p-Xylene	0.0	103	86	97	84	95	12	20	70-130
o-Xylene	0.0	42	34	38	80	90	12	20	70-130

- Fails Limit Check

0617ARCH.M Fri Jul 01 10:28:03 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID1A.CH Vial: 41
Acq On : 30-Jun-2005, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID2B.CH Vial: 41
Acq On : 30-Jun-05, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

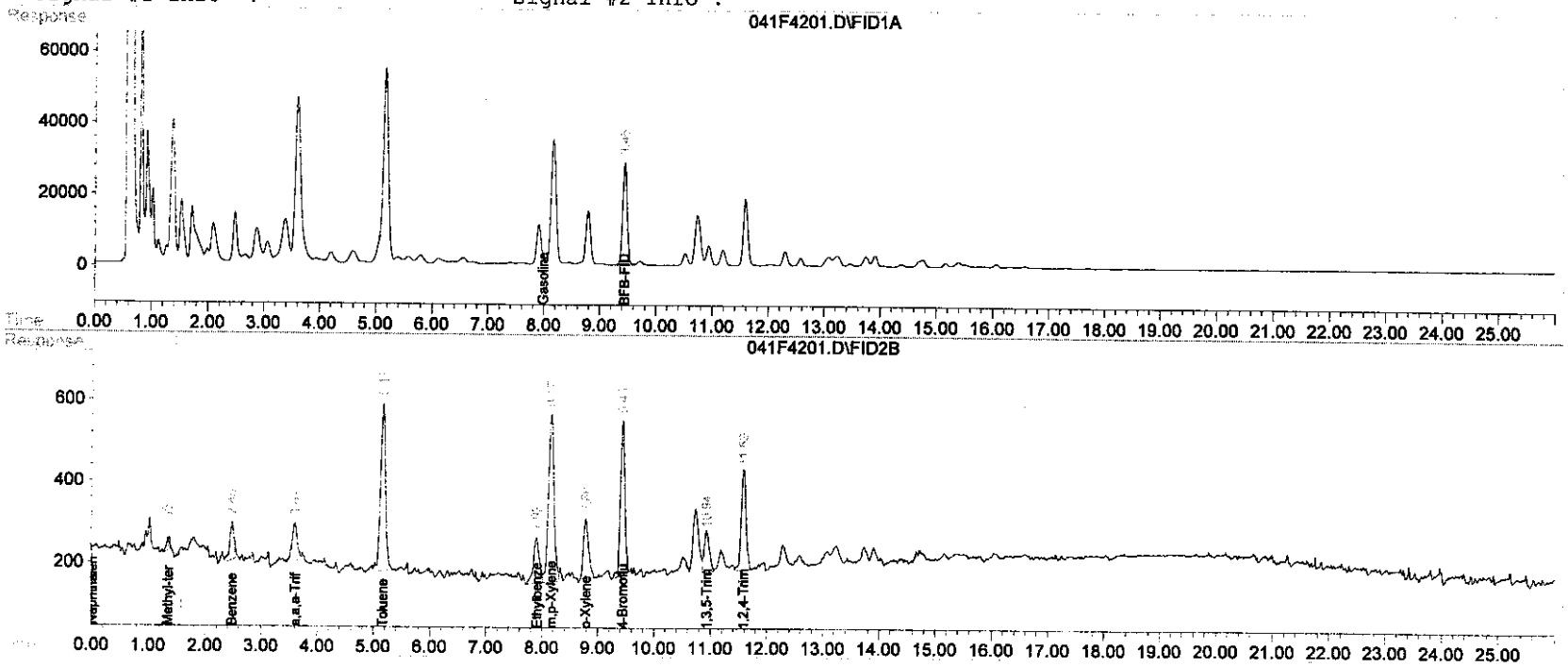
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6101	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1623354	103.946 ug/L
Spiked Amount 100.000		Recovery =	103.95%
1 S 4-Bromofluorobenzene	9.45	20929	97.889 ug/L
Spiked Amount 100.000		Recovery =	97.89%
Target Compounds			
1) H T M Gasoline	8.00	25094964	919.696 ug/L
5) T Methyl-tert-butyl ether	1.35	774	15.347 ug/L
6) T M Benzene	2.49	4691	20.998 ug/L
7) T M Toluene	5.17	24663	80.854 ug/L
8) T M Ethylbenzene	7.92	8144	25.824 ug/L
9) T M m,p-Xylene	8.17	27776	69.773 ug/L
10) T M o-Xylene	8.80	9297	28.318 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6788	13.240 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	15101	39.281 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data Fi : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F42 D\FID1A.CH Vial: 41
Acq On : 30-Jun-2005, 13:20:11 Opera .: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID2B.CH Vial: 41
Acq On : 30-Jun-05, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID1A.CH Vial: 42
Acq On : 30-Jun-2005, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID2B.CH Vial: 42
Acq On : 30-Jun-05, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6216	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1599597	102.421 ug/L
Spiked Amount 100.000		Recovery =	102.42%
1 S 4-Bromofluorobenzene	9.45	21591	99.103 ug/L
Spiked Amount 100.000		Recovery =	99.10%
Target Compounds			
1) H T M Gasoline	8.00	18768591	653.473 ug/L
5) T Methyl-tert-butyl ether	1.35	2302	45.741 ug/L
6) T M Benzene	2.48	12880	54.089 ug/L
7) T M Toluene	5.17	16334	52.203 ug/L
8) T M Ethylbenzene	7.91	16464	53.674 ug/L
9) T M m,p-Xylene	8.18	41770	104.194 ug/L
10) T M o-Xylene	8.80	16455	49.887 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	26686	51.085 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18359	47.086 ug/L
14) T Naphthalene	16.07	9953	49.348 ug/L

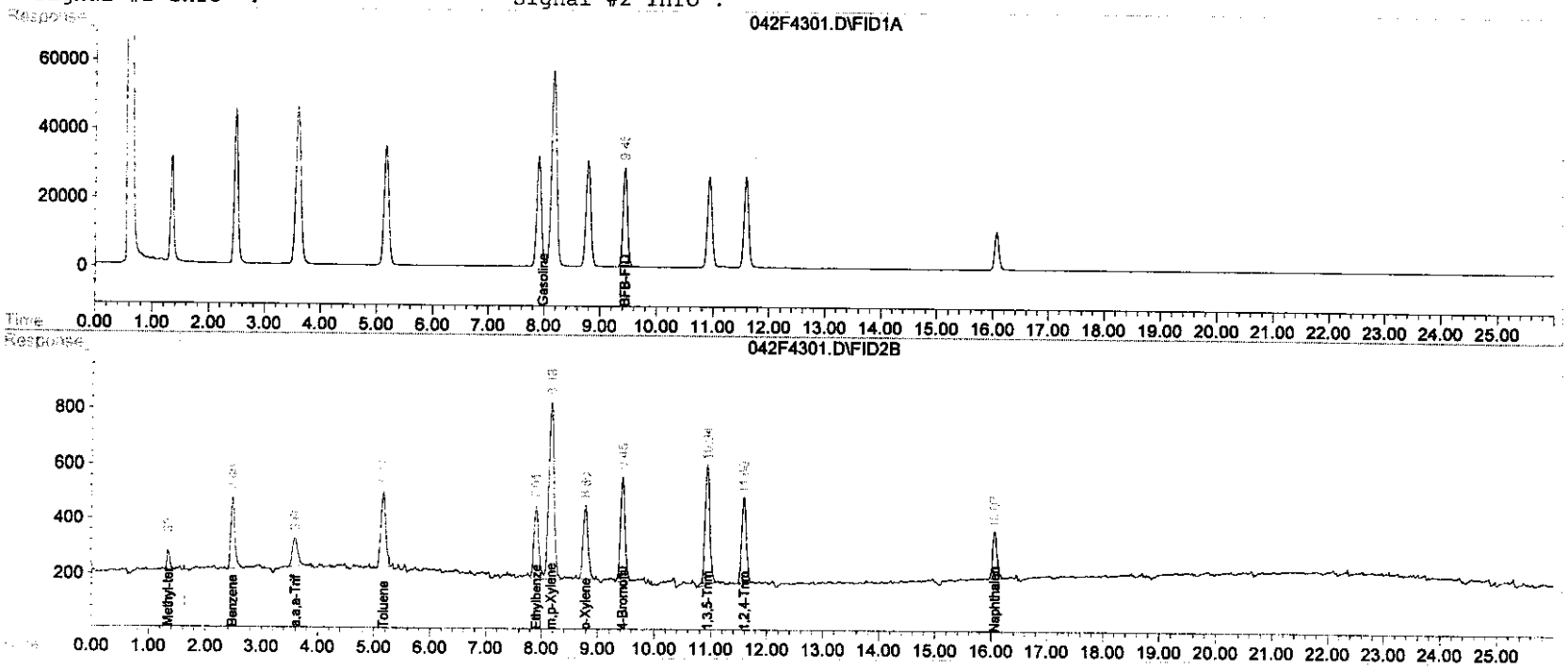
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F43' D\FID1A.CH Vial: 42
Acq On : 30-Jun-2005, 13:52:18 Opera. .: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID2B.CH Vial: 42
Acq On : 30-Jun-05, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID1A.CH Vial: 1
Acq On : 30-Jun-2005, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID2B.CH Vial: 1
Acq On : 30-Jun-05, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

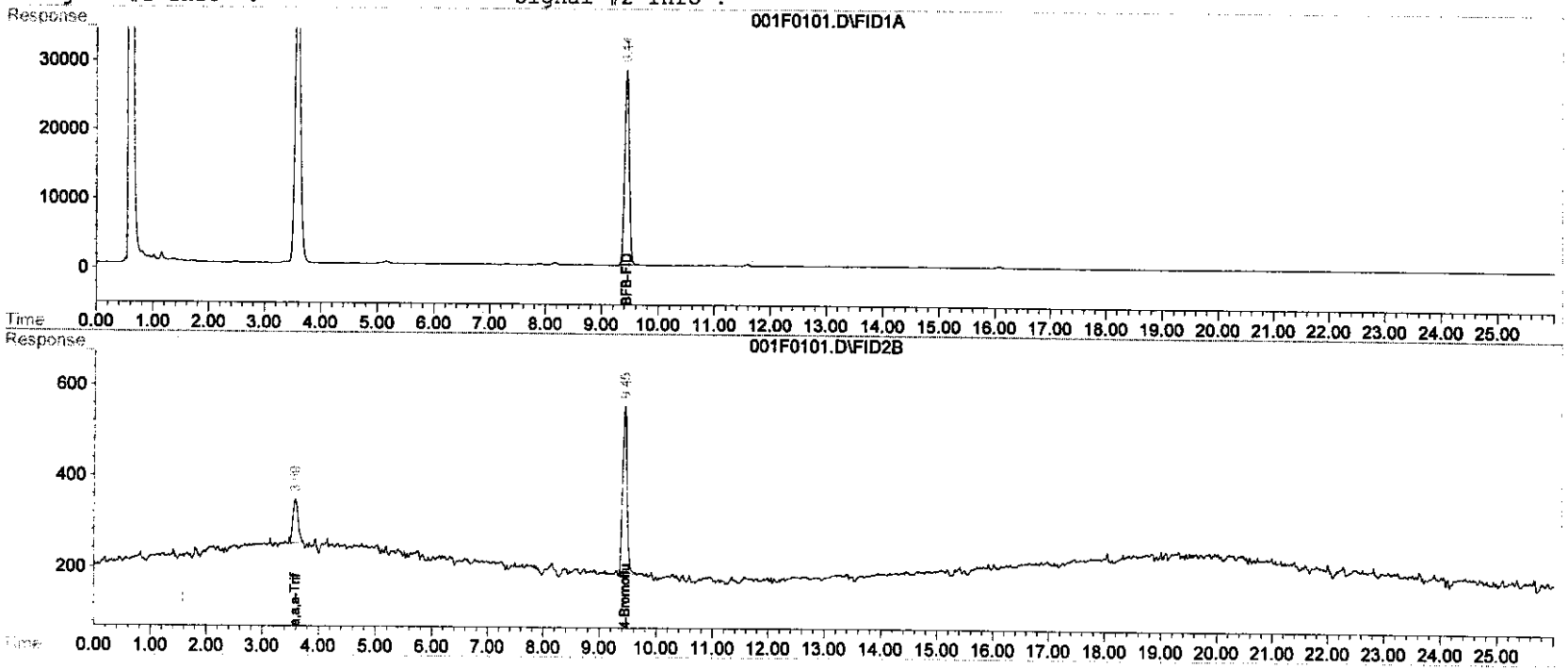
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6194	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1569982	100.520 ug/L
Spiked Amount 100.000		Recovery =	100.52%
1[illegible] S 4-Bromofluorobenzene	9.45	20287	93.459 ug/L
S[illegible]ed Amount 100.000		Recovery =	93.46%
Target Compounds			
1) H T M Gasoline	8.00	3052032	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F01^^.D\FID1A.CH Vial: 1
Acq On : 30-Jun-2005, 16:56:32 Opera :: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID2B.CH Vial: 1
Acq On : 30-Jun-05, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID1A.CH Vial: 2
Acq On : 30-Jun-2005, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID2B.CH Vial: 2
Acq On : 30-Jun-05, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

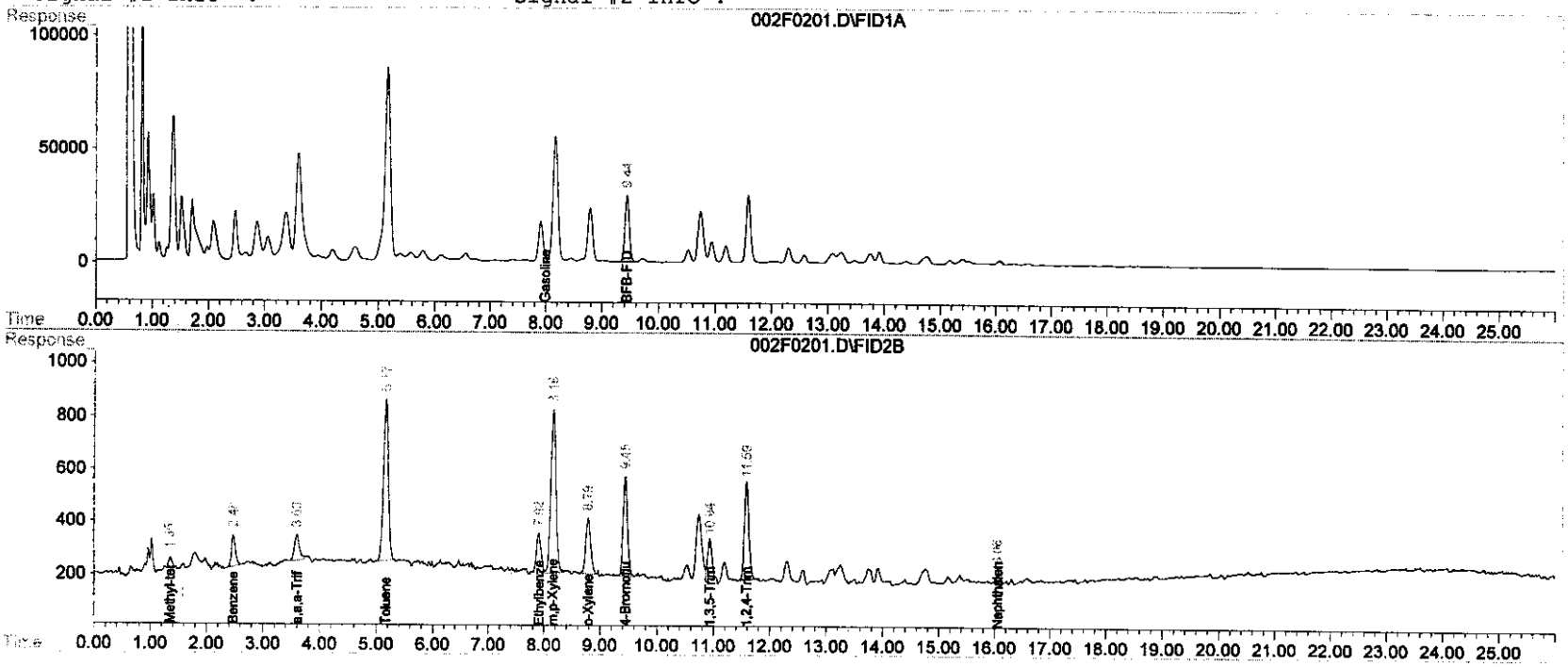
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6014	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1673169	107.144 ug/L
Spiked Amount 100.000		Recovery =	107.14%
1 S 4-Bromofluorobenzene	9.45	20932	99.313 ug/L
S .ed Amount 100.000		Recovery =	99.31%
Target Compounds			
1) H T M Gasoline	8.00	39201998	1513.342 ug/L
5) T Methyl-tert-butyl ether	1.35	1551	31.703 ug/L
6) T M Benzene	2.48	5951	26.602 ug/L
7) T M Toluene	5.17	36807	122.922 ug/L
8) T M Ethylbenzene	7.92	8684	28.138 ug/L m
9) T M m,p-Xylene	8.16	39201	100.999 ug/L
10) T M o-Xylene	8.79	12416	38.701 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10217	20.216 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	21991	58.570 ug/L
14) T Naphthalene	16.06	1715	11.992 ug/L

Data Fi1 : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F02^^ D\FID1A.CH Vial: 2
Acq On : 30-Jun-2005, 17:28:27 Opera .: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID2B.CH Vial: 2
Acq On : 30-Jun-05, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID1A.CH Vial: 3
Acq On : 30-Jun-2005, 18:00:39 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID2B.CH Vial: 3
Acq On : 30-Jun-05, 18:00:39 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

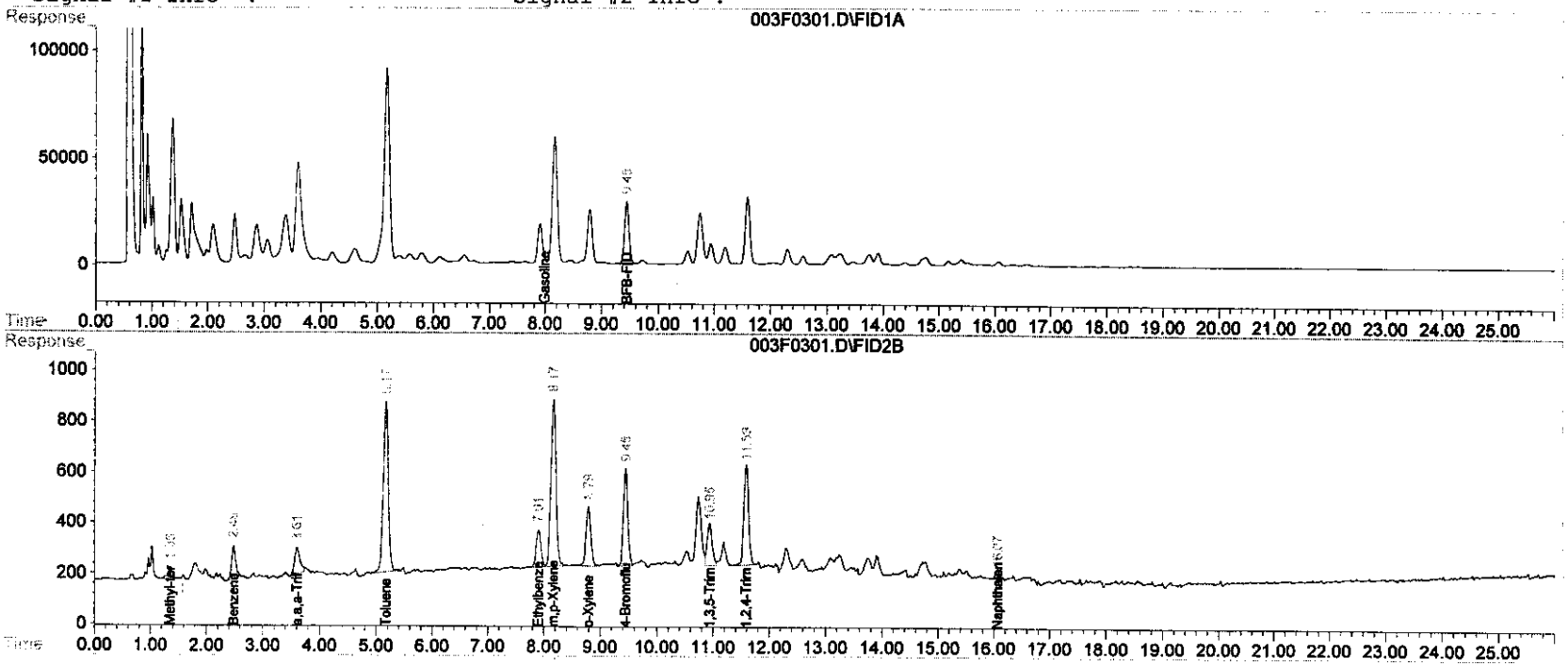
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6787	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1701248	108.946 ug/L
Spiked Amount 100.000		Recovery =	108.95%
S 4-Bromofluorobenzene	9.45	21367	89.830 ug/L
Spiked Amount 100.000		Recovery =	89.83%
Target Compounds			
1) H T M Gasoline	8.00	41974895	1630.030 ug/L
5) T Methyl-tert-butyl ether	1.36	2084	37.842 ug/L
6) T M Benzene	2.49	6482	25.725 ug/L
7) T M Toluene	5.17	41230	121.998 ug/L
8) T M Ethylbenzene	7.92	8833	25.114 ug/L
9) T M m,p-Xylene	8.17	41871	95.452 ug/L
10) T M o-Xylene	8.80	14456	39.955 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10608	18.599 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	23857	56.256 ug/L
14) T Naphthalene	16.07	1413	9.806 ug/L

```
Data Fi'   : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F03´  D\FID1A.CH Vial: 3
Acq On     : 30-Jun-2005, 18:00:39                    Opera  .: RG
Sample     : LCSD Aq,,,2                              Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID2B.CH Vial: 3
Acq On     : 30-Jun-05, 18:00:39                      Operator: RG
Sample     : LCSD Aq,,,2                              Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul  1 11:19 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\004F0401.D\FID1A.CH Vial: 4
Acq On : 30-Jun-2005, 18:33:23 Operator: RG
Sample : 1554-1666,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\004F0401.D\FID2B.CH Vial: 4
Acq On : 30-Jun-05, 18:33:23 Operator: RG
Sample : 1554-1666,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

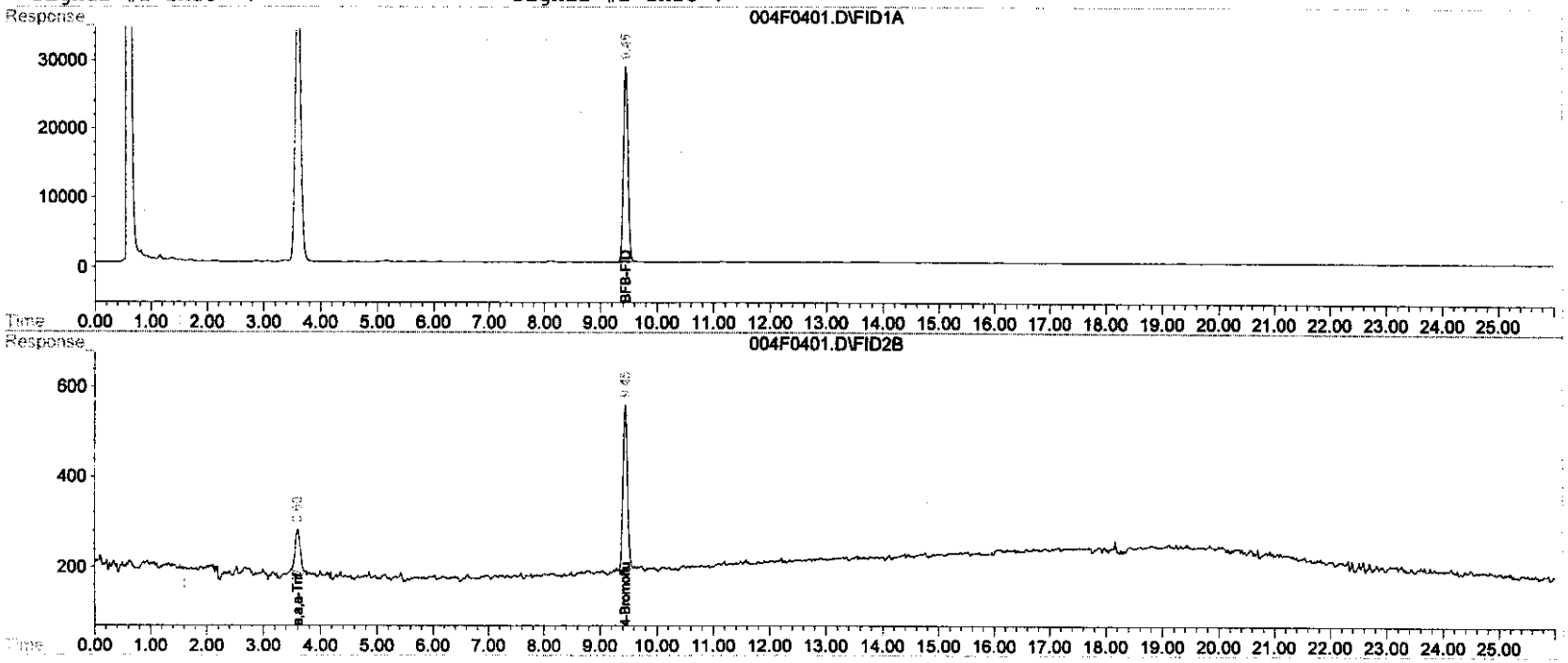
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6024	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1578311	101.054 ug/L
Spiked Amount 100.000		Recovery =	101.05%
3 S 4-Bromofluorobenzene	9.45	20407	96.655 ug/L
Spiked Amount 100.000		Recovery =	96.66%
Target Compounds			
1) H T M Gasoline	8.00	3042580	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

```
Data Fil    O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\004F04'  D\FID1A.CH Vial: 4
Acq On     : 30-Jun-2005, 18:33:23                    Opera. .: RG
Sample     : 1554-1666,,,                             Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\004F0401.D\FID2B.CH Vial: 4
Acq On     : 30-Jun-05, 18:33:23                      Operator: RG
Sample     : 1554-1666,,,                             Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul  1 11:12 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\005F0501.D\FID1A.CH Vial: 5
Acq On : 30-Jun-2005, 19:05:25 Operator: RG
Sample : 1554-1667,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\005F0501.D\FID2B.CH Vial: 5
Acq On : 30-Jun-05, 19:05:25 Operator: RG
Sample : 1554-1667,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

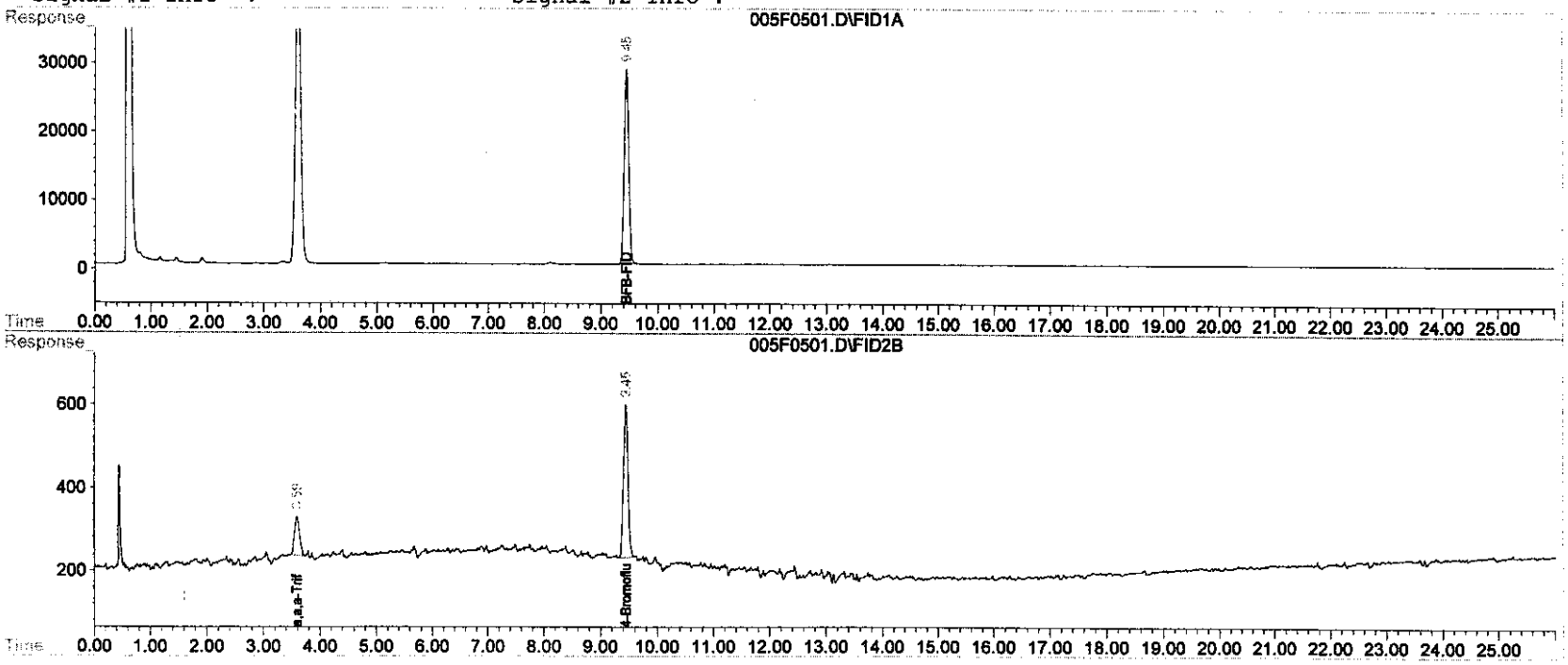
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5724	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1578431	101.062 ug/L
Spiked Amount 100.000		Recovery =	101.06%
3 S 4-Bromofluorobenzene	9.45	20302	101.206 ug/L
Spiked Amount 100.000		Recovery =	101.21%
Target Compounds			
1) H T M Gasoline	8.00	3012720	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

```
Data Fi'   : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\005F05'  .D\FID1A.CH Vial: 5
Acq On     : 30-Jun-2005, 19:05:25                    Opera  .: RG
Sample     : 1554-1667,,,                             Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\005F0501.D\FID2B.CH Vial: 5
Acq On     : 30-Jun-05, 19:05:25                      Operator: RG
Sample     : 1554-1667,,,                             Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul  1 11:12 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\006F0601.D\FID1A.CH Vial: 6
Acq On : 30-Jun-2005, 19:37:59 Operator: RG
Sample : 1554-1668,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\006F0601.D\FID2B.CH Vial: 6
Acq On : 30-Jun-05, 19:37:59 Operator: RG
Sample : 1554-1668,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

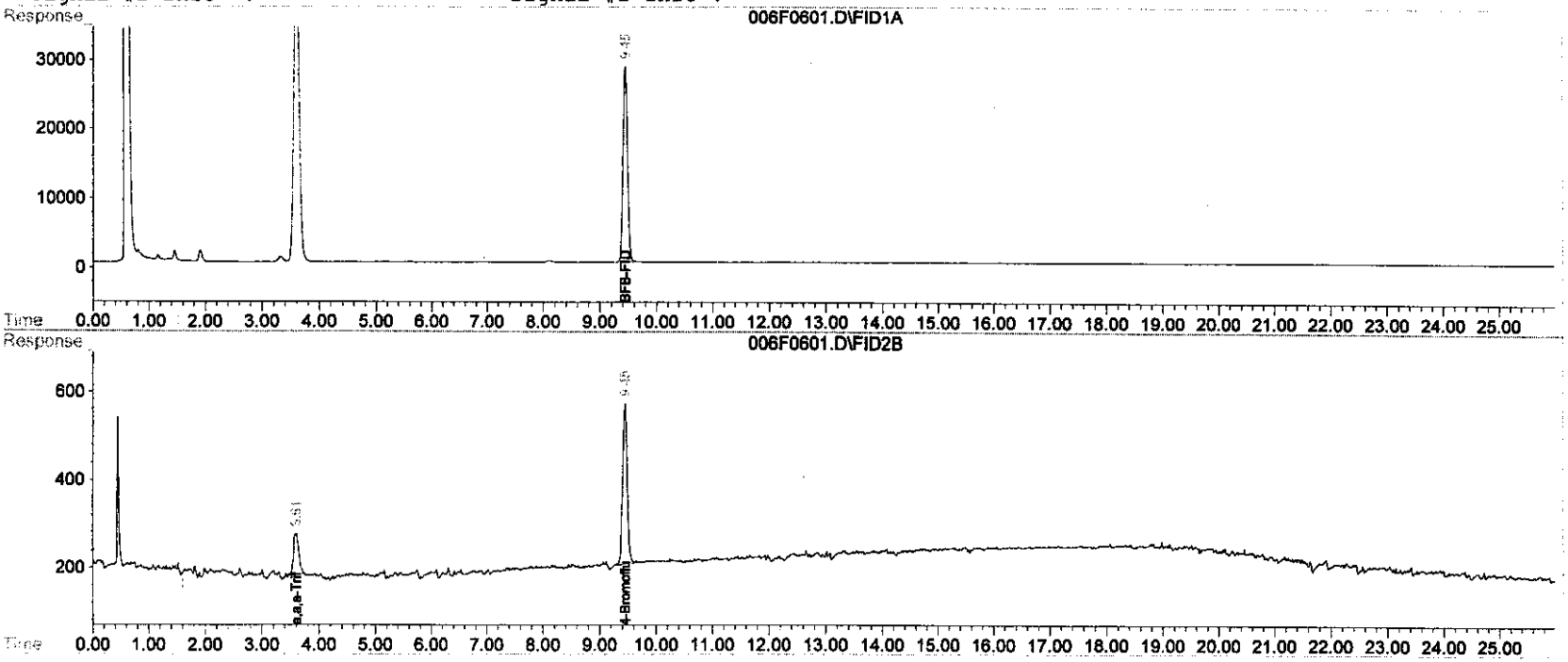
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5966	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1572269	100.666 ug/L
Spiked Amount 100.000		Recovery =	100.67%
1 S 4-Bromofluorobenzene	9.45	20658	98.802 ug/L
Spiked Amount 100.000		Recovery =	98.80%
Target Compounds			
1) H T M Gasoline	8.00	3091303	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

```
Data Fi  : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\006F06  D\FID1A.CH Vial: 6
Acq On   : 30-Jun-2005, 19:37:59                    Opera  : RG
Sample   : 1554-1668,,,                             Inst   : HP5890
Misc     :                                          Multiplr: 1.00
IntFile  : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\006F0601.D\FID2B.CH Vial: 6
Acq On    : 30-Jun-05, 19:37:59                     Operator: RG
Sample    : 1554-1668,,,                            Inst    : HP5890
Misc      :                                         Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  1 11:12 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\007F0701.D\FID1A.CH Vial: 7
Acq On : 30-Jun-2005, 20:10:05 Operator: RG
Sample : MB Sol,1,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\007F0701.D\FID2B.CH Vial: 7
Acq On : 30-Jun-05, 20:10:05 Operator: RG
Sample : MB Sol,1,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

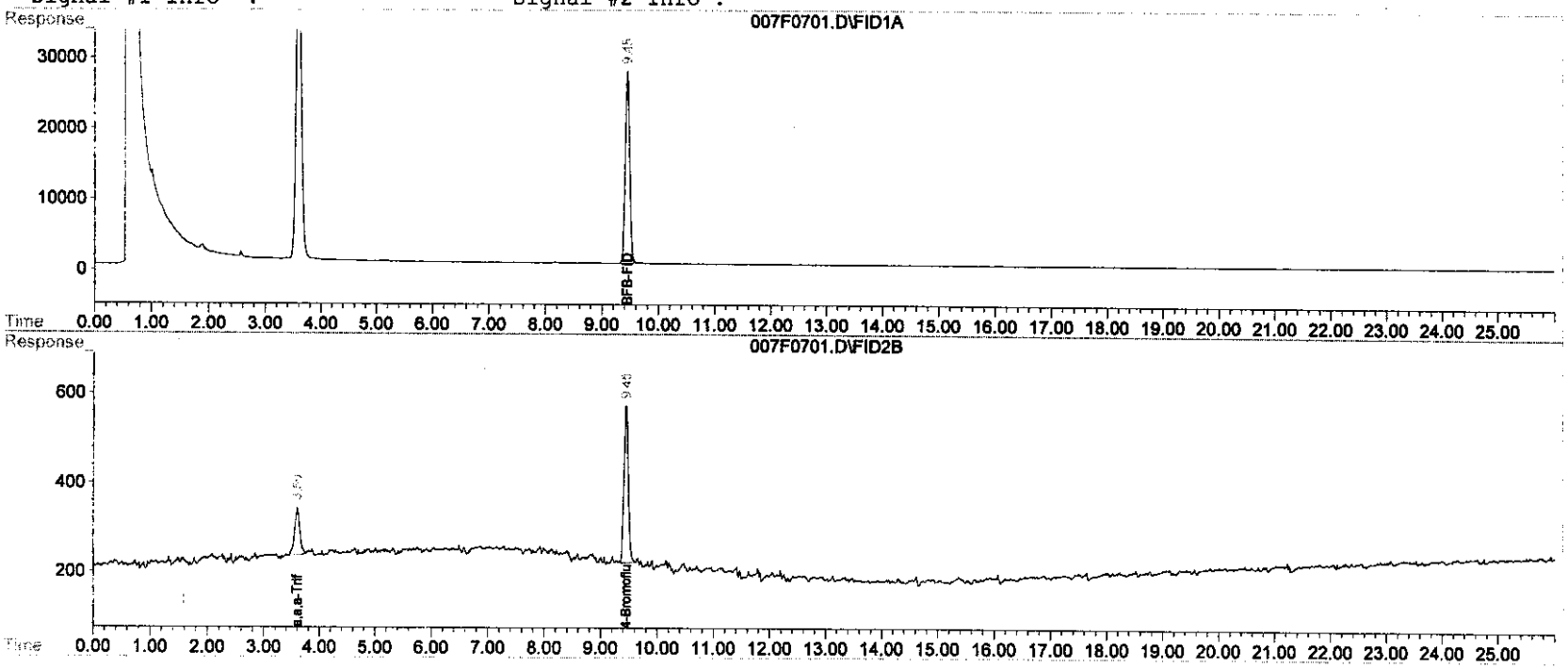
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6650	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1500566	96.063 ug/L
Spiked Amount 100.000		Recovery =	96.06%
1 S 4-Bromofluorobenzene	9.45	19283	82.733 ug/L
Spiked Amount 100.000		Recovery =	82.73%
Target Compounds			
1) H T M Gasoline	8.00	3109966	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

```
Data Fi'  : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\007F07^  D\FID1A.CH Vial: 7
Acq On    : 30-Jun-2005, 20:10:05                    Opera  .: RG
Sample    : MB Sol,1,,1                              Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\007F0701.D\FID2B.CH Vial: 7
Acq On    : 30-Jun-05, 20:10:05                      Operator: RG
Sample    : MB Sol,1,,1                              Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  1 11:12 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\008F0801.D\FID1A.CH Vial: 8
Acq On : 30-Jun-2005, 20:42:39 Operator: RG
Sample : LCS Sol,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\008F0801.D\FID2B.CH Vial: 8
Acq On : 30-Jun-05, 20:42:39 Operator: RG
Sample : LCS Sol,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

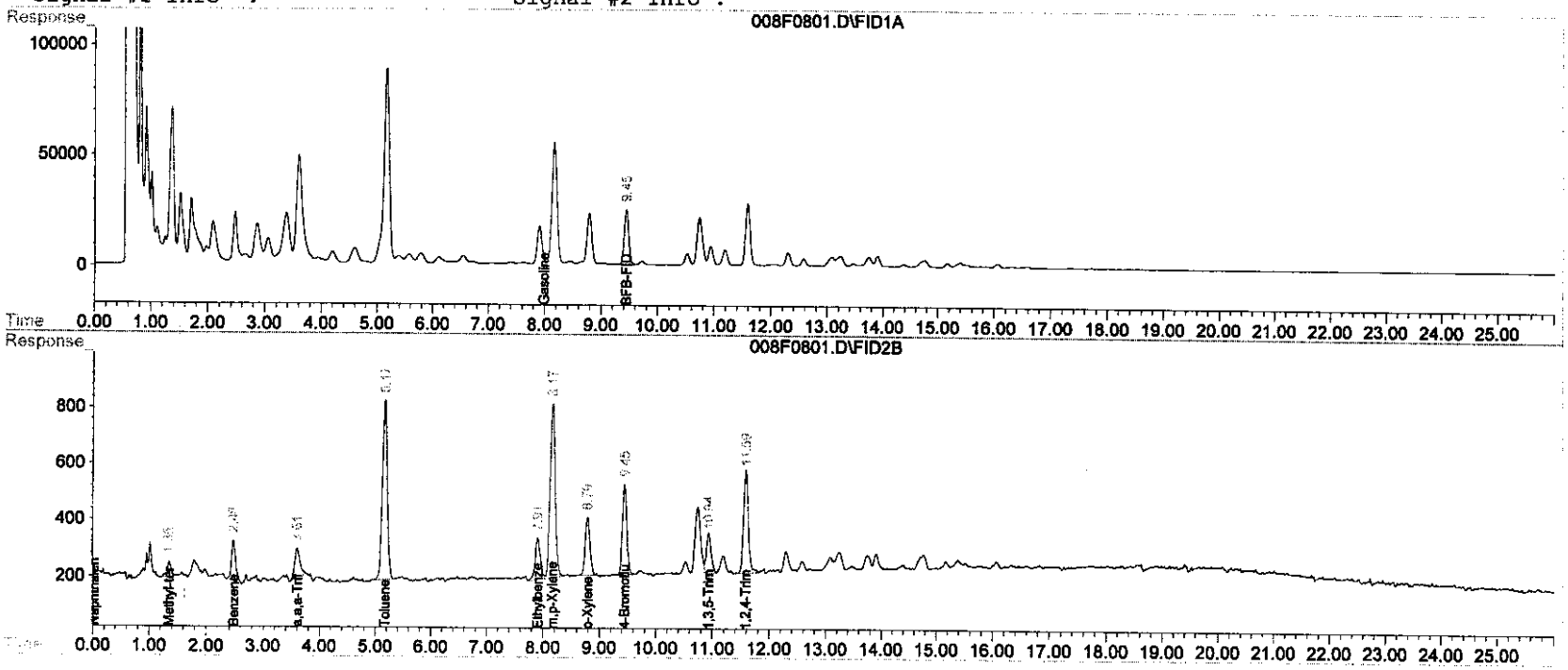
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	7007	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1455226	93.153 ug/L
Spiked Amount 100.000		Recovery =	93.15%
3 S 4-Bromofluorobenzene	9.45	18114	73.758 ug/L
Spiked Amount 100.000		Recovery =	73.76%
Target Compounds			
1) H T M Gasoline	8.00	39559169	1528.373 ug/L
5) T Methyl-tert-butyl ether	1.35	2514	44.307 ug/L
6) T M Benzene	2.48	7550	28.835 ug/L
7) T M Toluene	5.17	38854	111.266 ug/L
8) T M Ethylbenzene	7.91	9740	26.991 ug/L
9) T M m,p-Xylene	8.17	39173	86.253 ug/L
10) T M o-Xylene	8.79	12280	32.705 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8722	14.813 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	22251	50.711 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data Fil : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\008F08^ D\FID1A.CH Vial: 8
Acq On : 30-Jun-2005, 20:42:39 Opera : RG
Sample : LCS Sol,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\008F0801.D\FID2B.CH Vial: 8
Acq On : 30-Jun-05, 20:42:39 Operator: RG
Sample : LCS Sol,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\009F0901.D\FID1A.CH Vial: 9
Acq On : 30-Jun-2005, 21:14:40 Operator: RG
Sample : 1554-1657,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\009F0901.D\FID2B.CH Vial: 9
Acq On : 30-Jun-05, 21:14:40 Operator: RG
Sample : 1554-1657,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

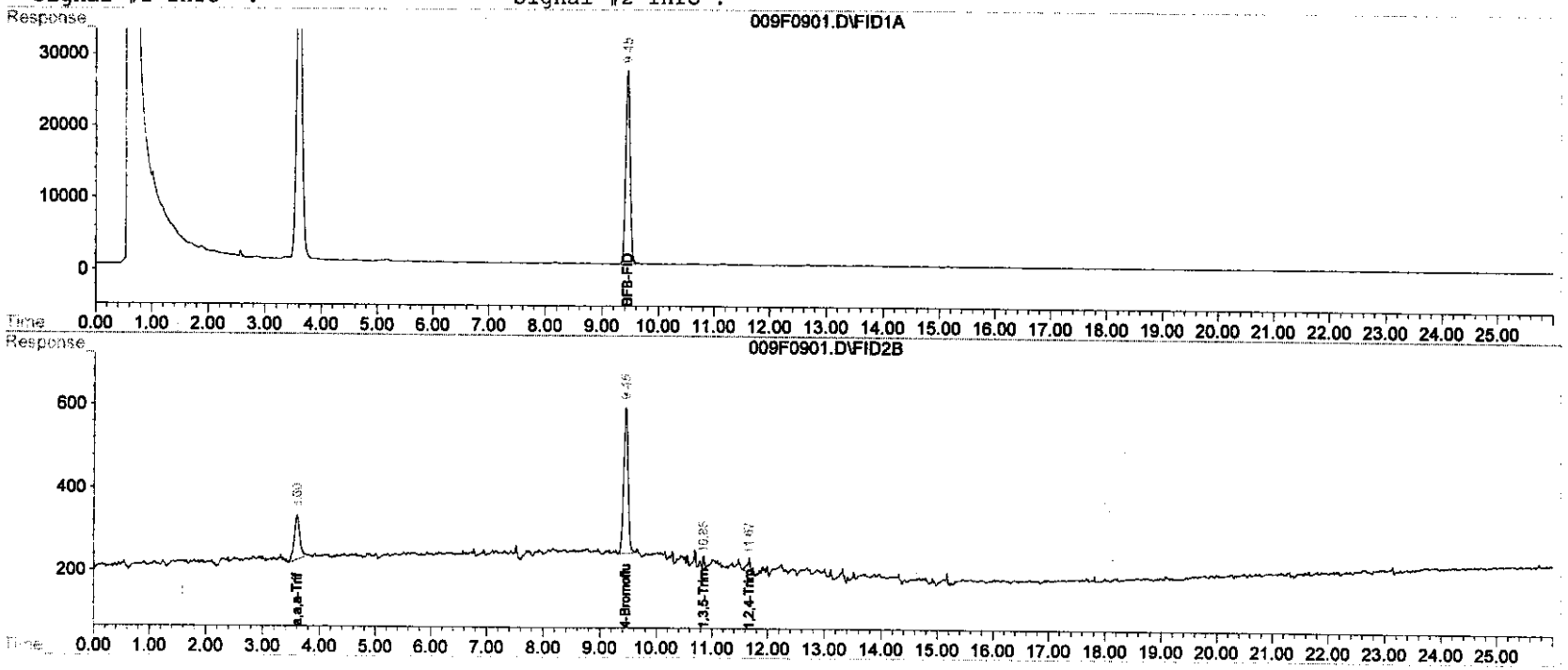
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7144	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1496957	95.832 ug/L
Spiked Amount 100.000		Recovery =	95.83%
1 S 4-Bromofluorobenzene	9.45	19513	77.934 ug/L
Spiked Amount 100.000		Recovery =	77.93%
Target Compounds			
1) H T M Gasoline	8.00	3208541	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	10.85	611	1.018 ug/L
13) T 1,2,4-Trimethylbenzene	11.67	1357	1.970 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\009F09 D\FID1A.CH Vial: 9
Acq On : 30-Jun-2005, 21:14:40 Opera .: RG
Sample : 1554-1657,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\009F0901.D\FID2B.CH Vial: 9
Acq On : 30-Jun-05, 21:14:40 Operator: RG
Sample : 1554-1657,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\010F1001.D\FID1A.CH Vial: 10
Acq On : 30-Jun-2005, 21:47:00 Operator: RG
Sample : 1554-1657MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\010F1001.D\FID2B.CH Vial: 10
Acq On : 30-Jun-05, 21:47:00 Operator: RG
Sample : 1554-1657MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

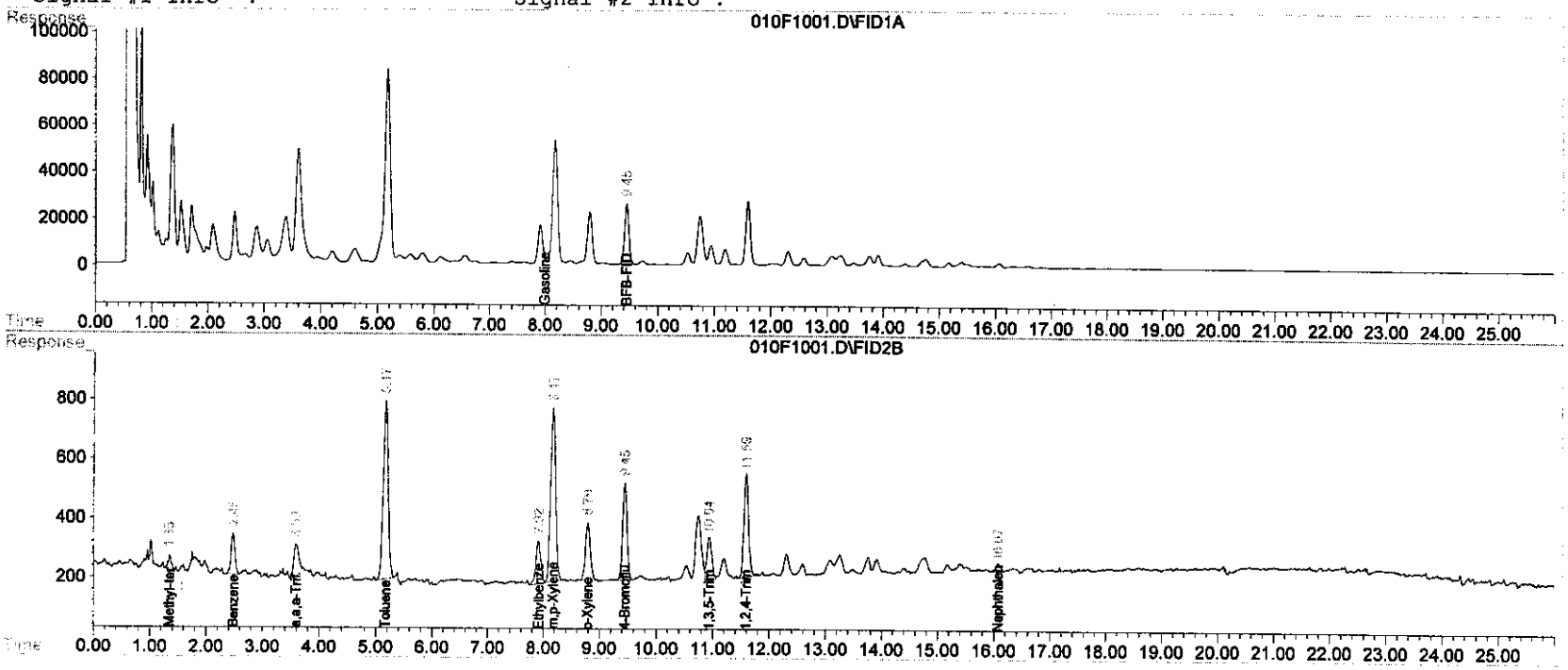
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6580	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1489392	95.346 ug/L
Spiked Amount 100.000		Recovery =	95.35%
1 S 4-Bromofluorobenzene	9.45	18350	79.576 ug/L
Spiked Amount 100.000		Recovery =	79.58%
Target Compounds			
1) H T M Gasoline	8.00	36252951	1389.242 ug/L
5) T Methyl-tert-butyl ether	1.35	1936	36.257 ug/L
6) T M Benzene	2.49	6944	28.271 ug/L
7) T M Toluene	5.17	36229	110.486 ug/L
8) T M Ethylbenzene	7.92	8764	25.763 ug/L
9) T M m,p-Xylene	8.17	36563	85.722 ug/L
10) T M o-Xylene	8.79	11816	33.539 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9085	16.432 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20969	50.900 ug/L
14) T Naphthalene	16.07	1683	11.156 ug/L

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\010F1[illegible].D\FID1A.CH Vial: 10
Acq On : 30-Jun-2005, 21:47:00 Opera[illegible]: RG
Sample : 1554-1657MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\010F1001.D\FID2B.CH Vial: 10
Acq On : 30-Jun-05, 21:47:00 Operator: RG
Sample : 1554-1657MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID1A.CH Vial: 11
Acq On : 30-Jun-2005, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID2B.CH Vial: 11
Acq On : 30-Jun-05, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

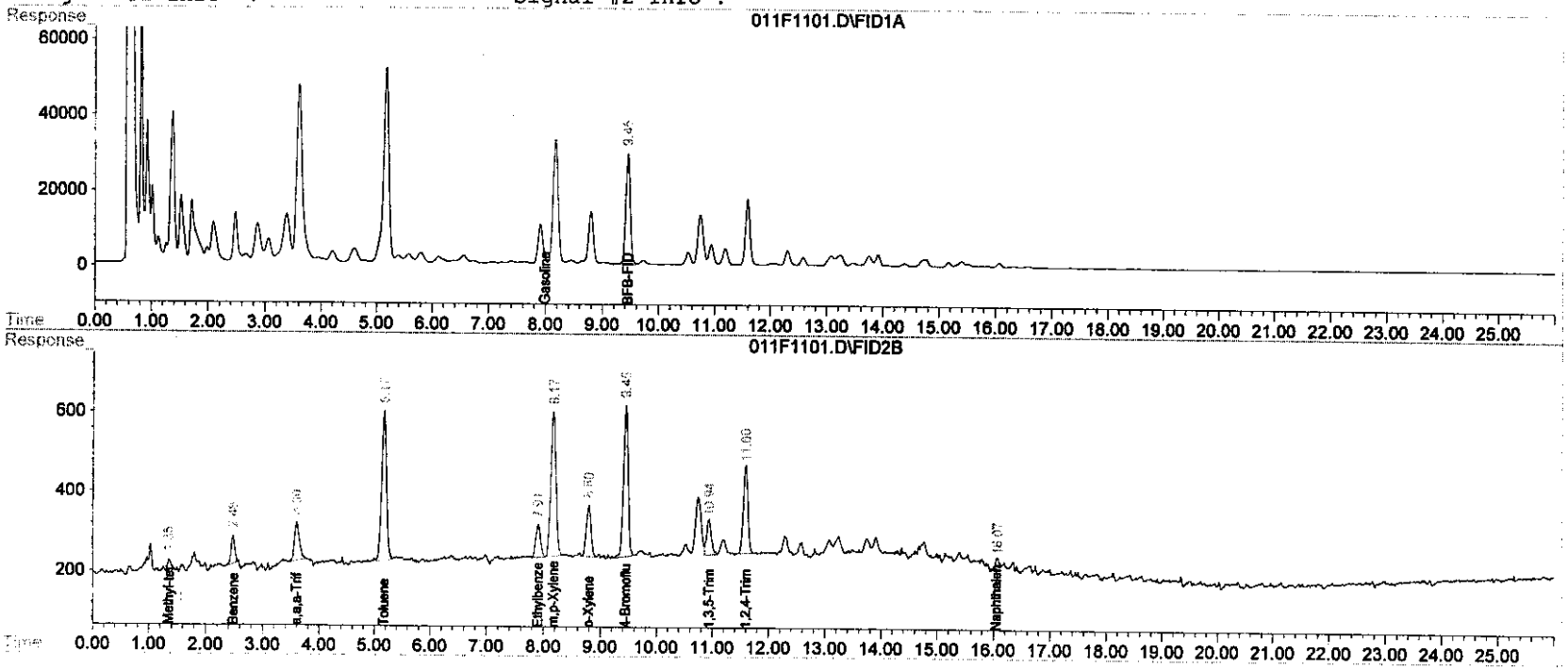
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5903	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1653948	105.910 ug/L
Spiked Amount 100.000		Recovery =	105.91%
3 S 4-Bromofluorobenzene	9.45	21868	105.696 ug/L
Spiked Amount 100.000		Recovery =	105.70%
Target Compounds			
1) H T M Gasoline	8.00	24731567	904.404 ug/L
5) T Methyl-tert-butyl ether	1.35	961	19.837 ug/L
6) T M Benzene	2.48	3155	15.046 ug/L
7) T M Toluene	5.17	22625	76.600 ug/L
8) T M Ethylbenzene	7.91	4924	15.205 ug/L
9) T M m,p-Xylene	8.17	22850	58.931 ug/L
10) T M o-Xylene	8.80	7315	22.847 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5464	11.015 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	13029	34.902 ug/L
14) T Naphthalene	16.06	1357	10.422 ug/L

Data Fi : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1 .D\FID1A.CH Vial: 11
Acq On : 30-Jun-2005, 22:18:46 Opera r: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID2B.CH Vial: 11
Acq On : 30-Jun-05, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID1A.CH Vial: 12
Acq On : 30-Jun-2005, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID2B.CH Vial: 12
Acq On : 30-Jun-05, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	6444	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1571779	100.635 ug/L
Spiked Amount 100.000		Recovery =	100.64%
1 S 4-Bromofluorobenzene	9.45	20947	92.754 ug/L
S. .ed Amount 100.000		Recovery =	92.75%
Target Compounds			
1) H T M Gasoline	8.00	17661598	606.889 ug/L
5) T Methyl-tert-butyl ether	1.35	2050	39.232 ug/L
6) T M Benzene	2.49	11839	48.127 ug/L
7) T M Toluene	5.17	15898	48.953 ug/L
8) T M Ethylbenzene	7.92	14212	44.282 ug/L
9) T M m,p-Xylene	8.17	37813	90.666 ug/L
10) T M o-Xylene	8.80	15685	45.797 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24657	45.533 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18522	45.796 ug/L
14) T Naphthalene	16.08	9538	45.917 ug/L

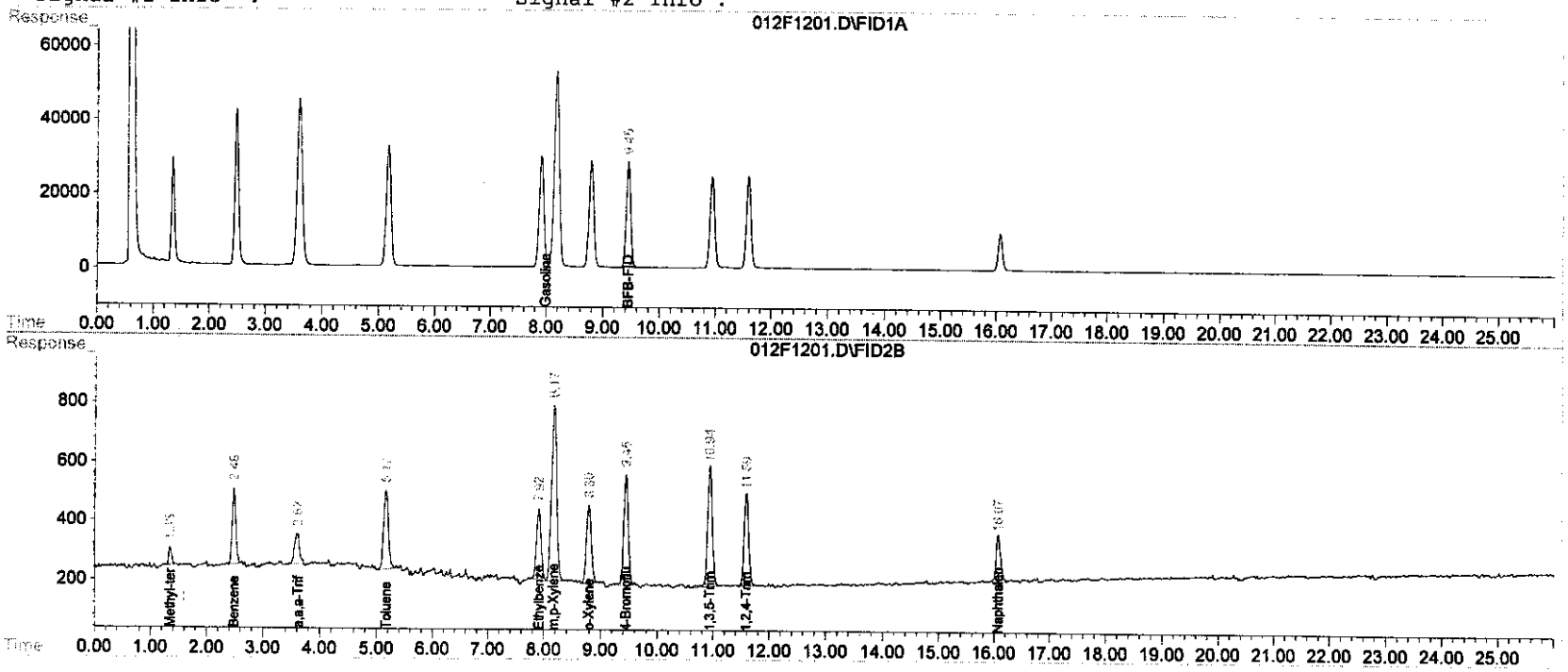
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F12^^.D\FID1A.CH Vial: 12
Acq On : 30-Jun-2005, 22:50:59 Opera : RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID2B.CH Vial: 12
Acq On : 30-Jun-05, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\013F1301.D\FID1A.CH Vial: 13
Acq On : 30-Jun-2005, 23:23:16 Operator: RG
Sample : 1554-1657SD,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\013F1301.D\FID2B.CH Vial: 13
Acq On : 30-Jun-05, 23:23:16 Operator: RG
Sample : 1554-1657SD,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5897	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1519570	97.283 ug/L
Spiked Amount 100.000		Recovery =	97.28%
3) S 4-Bromofluorobenzene	9.45	18823	91.084 ug/L
Spiked Amount 100.000		Recovery =	91.08%
Target Compounds			
1) H T M Gasoline	8.00	38126485	1468.083 ug/L
5) T Methyl-tert-butyl ether	1.36	1847	38.622 ug/L
6) T M Benzene	2.48	6306	28.629 ug/L
7) T M Toluene	5.17	38783	132.167 ug/L
8) T M Ethylbenzene	7.91	8101	26.649 ug/L
9) T M m,p-Xylene	8.17	36971	97.048 ug/L
10) T M o-Xylene	8.80	11871	37.712 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8796	17.751 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20828	56.536 ug/L
14) T Naphthalene	16.07	2017	13.607 ug/L

```
Data Fi`   : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\013F13   D\FID1A.CH Vial: 13
Acq On     : 30-Jun-2005, 23:23:16                    Opera  :: RG
Sample     : 1554-1657SD,1,,3                         Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\013F1301.D\FID2B.CH Vial: 13
Acq On     : 30-Jun-05, 23:23:16                      Operator: RG
Sample     : 1554-1657SD,1,,3                         Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul  1 11:13 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
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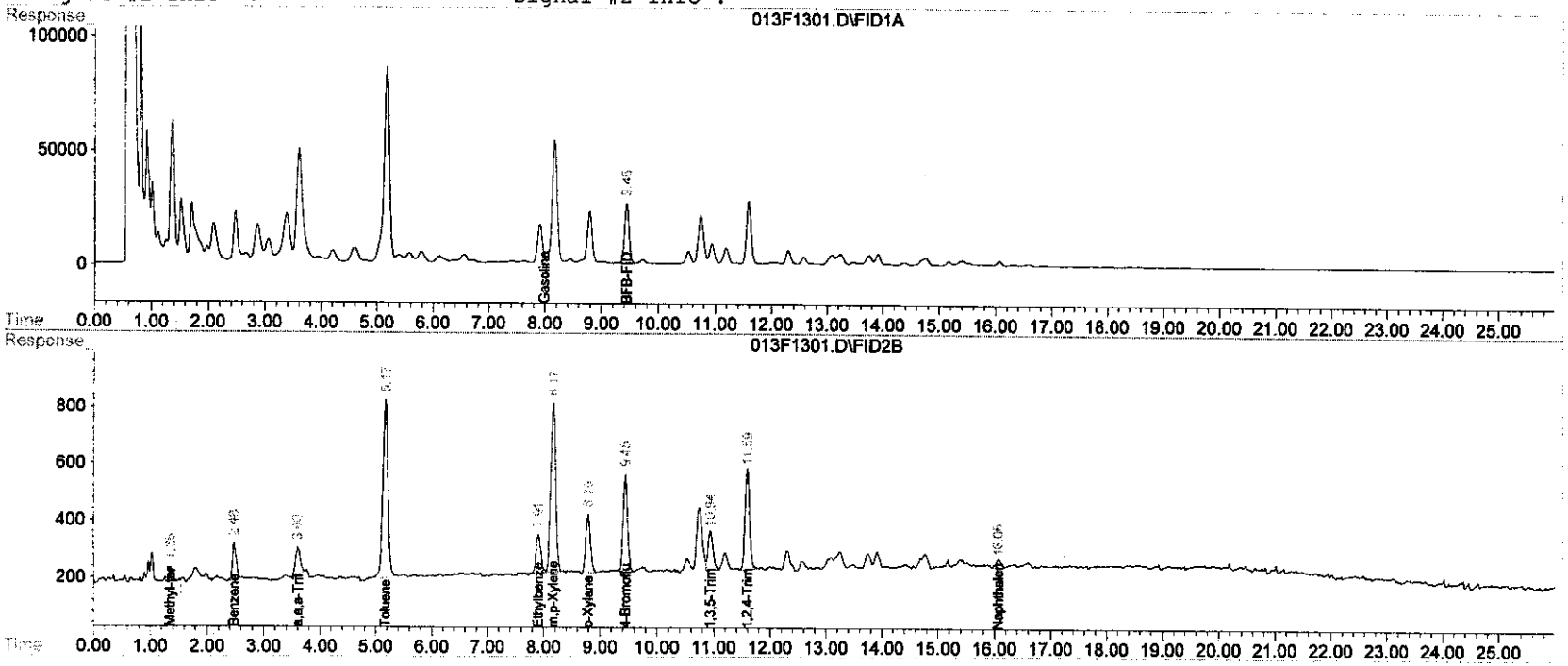


Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\014F1401.D\FID1A.CH Vial: 14
Acq On : 30-Jun-2005, 23:55:09 Operator: RG
Sample : 1554-1658,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\014F1401.D\FID2B.CH Vial: 14
Acq On : 30-Jun-05, 23:55:09 Operator: RG
Sample : 1554-1658,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

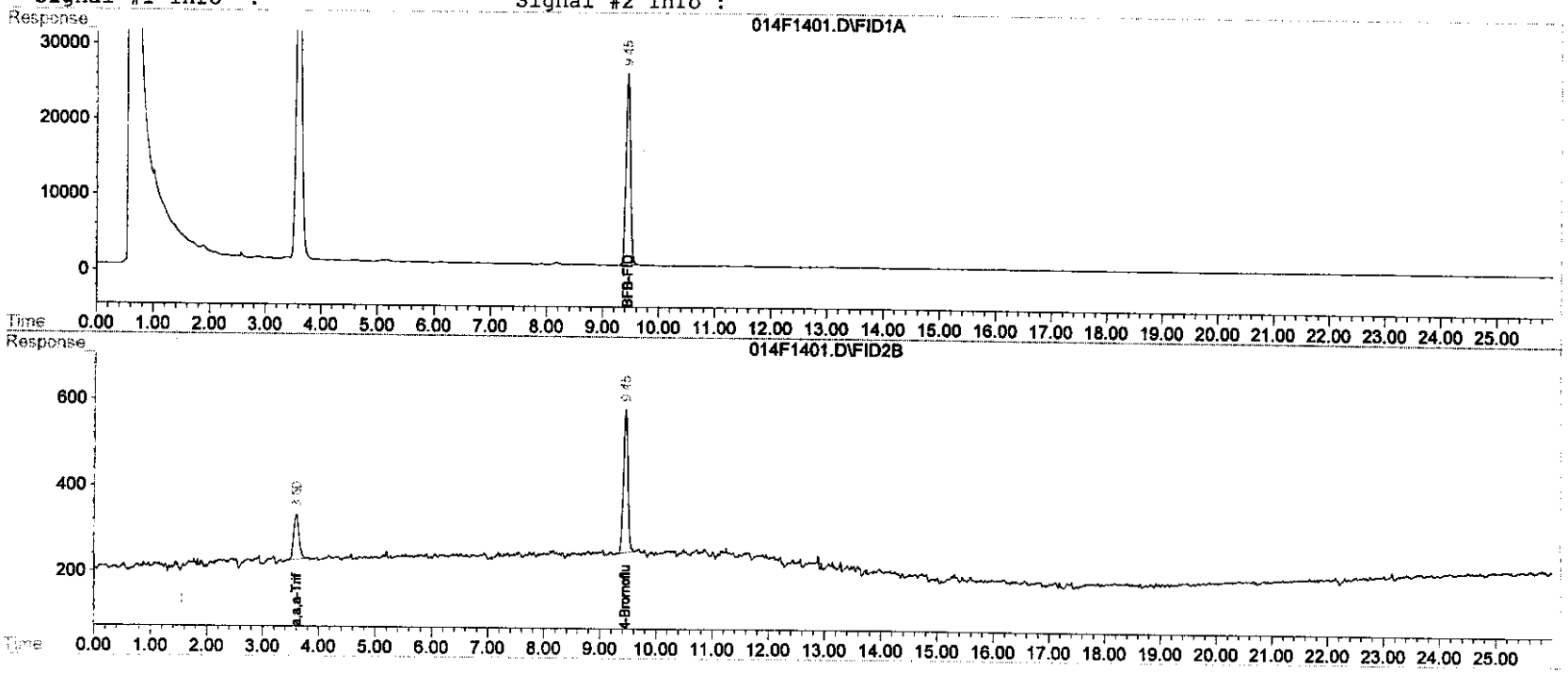
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6812	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1414484	90.537 ug/L
Spiked Amount 100.000		Recovery =	90.54%
3) S 4-Bromofluorobenzene	9.45	18431	77.201 ug/L
Spiked Amount 100.000		Recovery =	77.20%
Target Compounds			
1) H T M Gasoline	8.00	3193498	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi` : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\014F14` .D\FID1A.CH Vial: 14
Acq On : 30-Jun-2005, 23:55:09 Opera :: RG
Sample : 1554-1658,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\014F1401.D\FID2B.CH Vial: 14
Acq On : 30-Jun-05, 23:55:09 Operator: RG
Sample : 1554-1658,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\015F1501.D\FID1A.CH Vial: 15
Acq On : 01-Jul-2005, 00:27:23 Operator: RG
Sample : 1554-1659,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\015F1501.D\FID2B.CH Vial: 15
Acq On : 01-Jul-05, 00:27:23 Operator: RG
Sample : 1554-1659,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

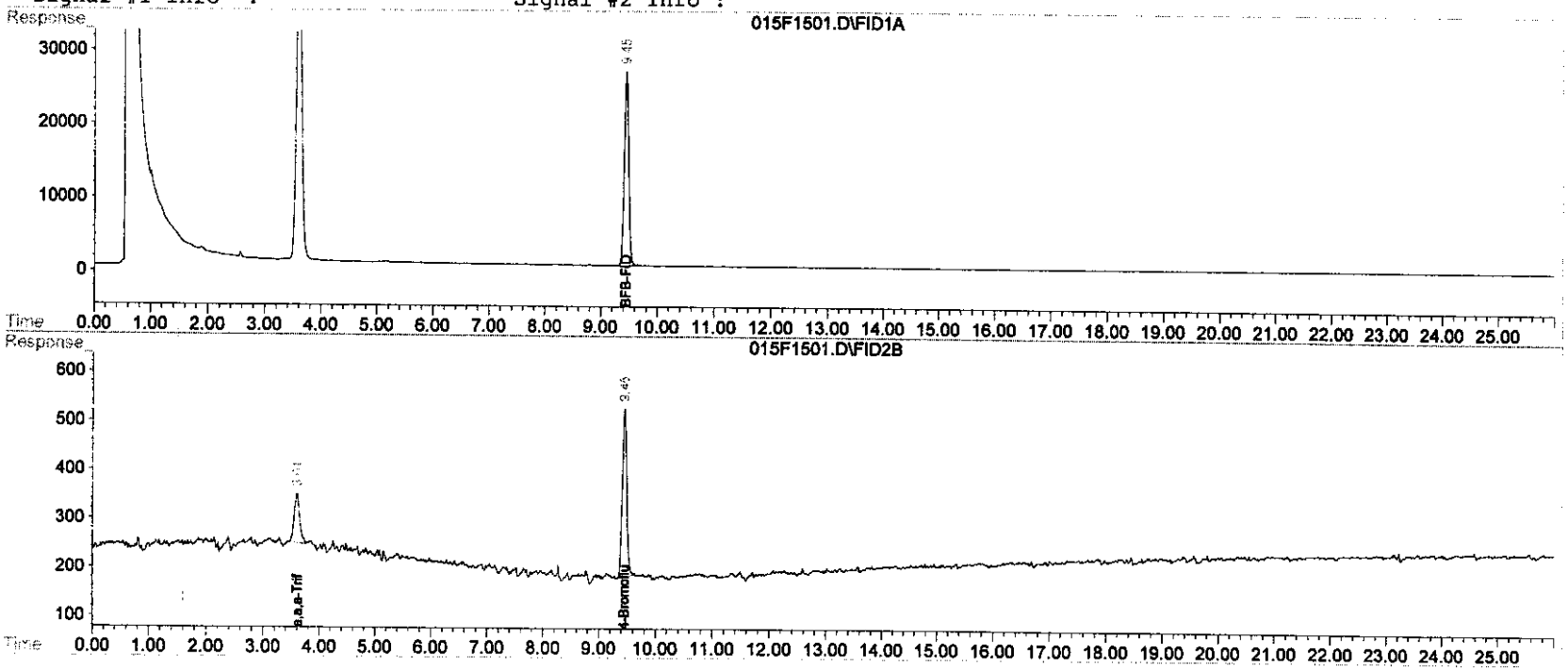
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6883	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1463856	93.707 ug/L
Spiked Amount 100.000		Recovery =	93.71%
1 S 4-Bromofluorobenzene	9.45	18962	78.609 ug/L
Spiked Amount 100.000		Recovery =	78.61%
Target Compounds			
1) H T M Gasoline	8.00	3106749	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\015F1! .D\FID1A.CH Vial: 15
Acq On : 01-Jul-2005, 00:27:23 Opera r: RG
Sample : 1554-1659,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\015F1501.D\FID2B.CH Vial: 15
Acq On : 01-Jul-05, 00:27:23 Operator: RG
Sample : 1554-1659,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\016F1601.D\FID1A.CH Vial: 16
Acq On : 01-Jul-2005, 00:59:38 Operator: RG
Sample : 1554-1660,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\016F1601.D\FID2B.CH Vial: 16
Acq On : 01-Jul-05, 00:59:38 Operator: RG
Sample : 1554-1660,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

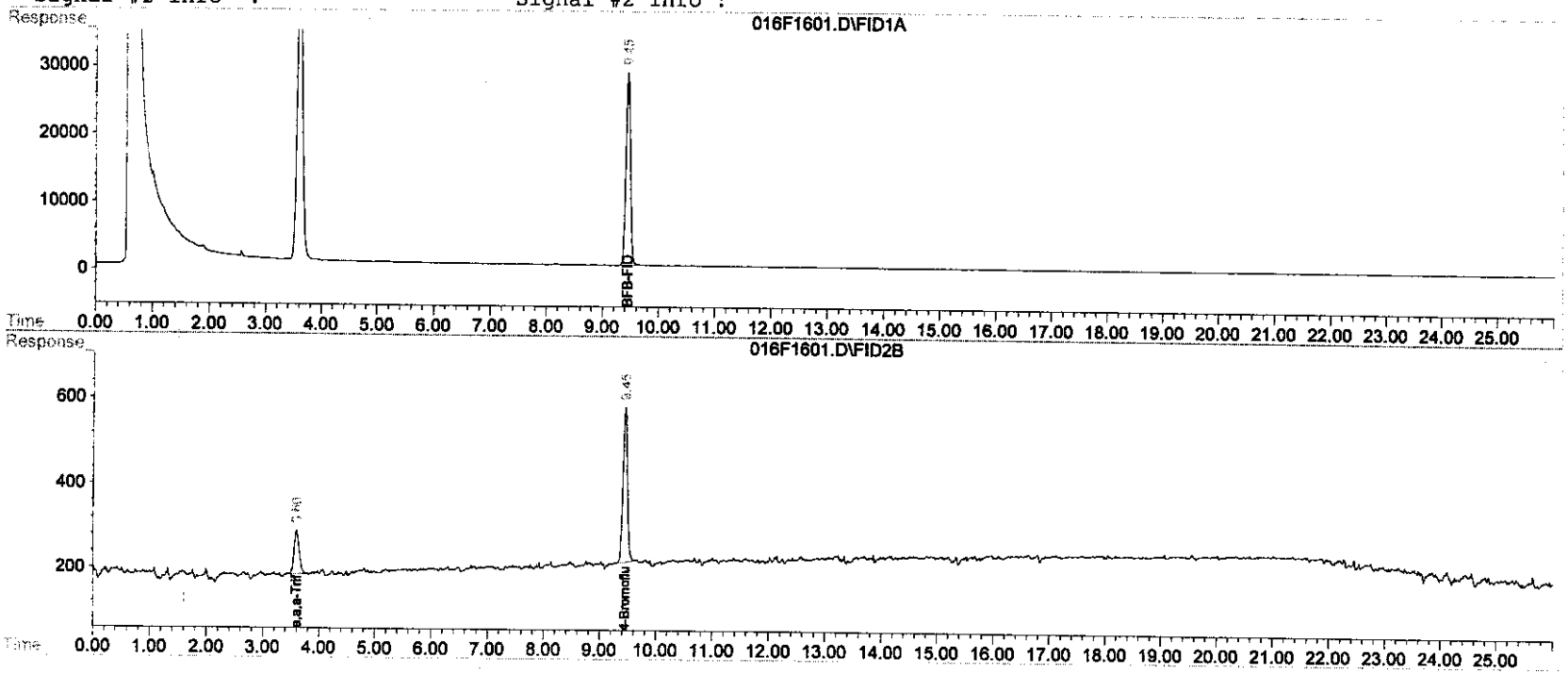
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6389	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1582059	101.295 ug/L
Spiked Amount 100.000		Recovery =	101.30%
7 S 4-Bromofluorobenzene	9.45	20544	91.755 ug/L
Spiked Amount 100.000		Recovery =	91.76%
Target Compounds			
1) H T M Gasoline	8.00	3115617	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi. : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\016F16' D\FID1A.CH Vial: 16
Acq On : 01-Jul-2005, 00:59:38 Opera .: RG
Sample : 1554-1660,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\016F1601.D\FID2B.CH Vial: 16
Acq On : 01-Jul-05, 00:59:38 Operator: RG
Sample : 1554-1660,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\017F1701.D\FID1A.CH Vial: 17
Acq On : 01-Jul-2005, 01:31:29 Operator: RG
Sample : 1554-1661,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\017F1701.D\FID2B.CH Vial: 17
Acq On : 01-Jul-05, 01:31:29 Operator: RG
Sample : 1554-1661,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

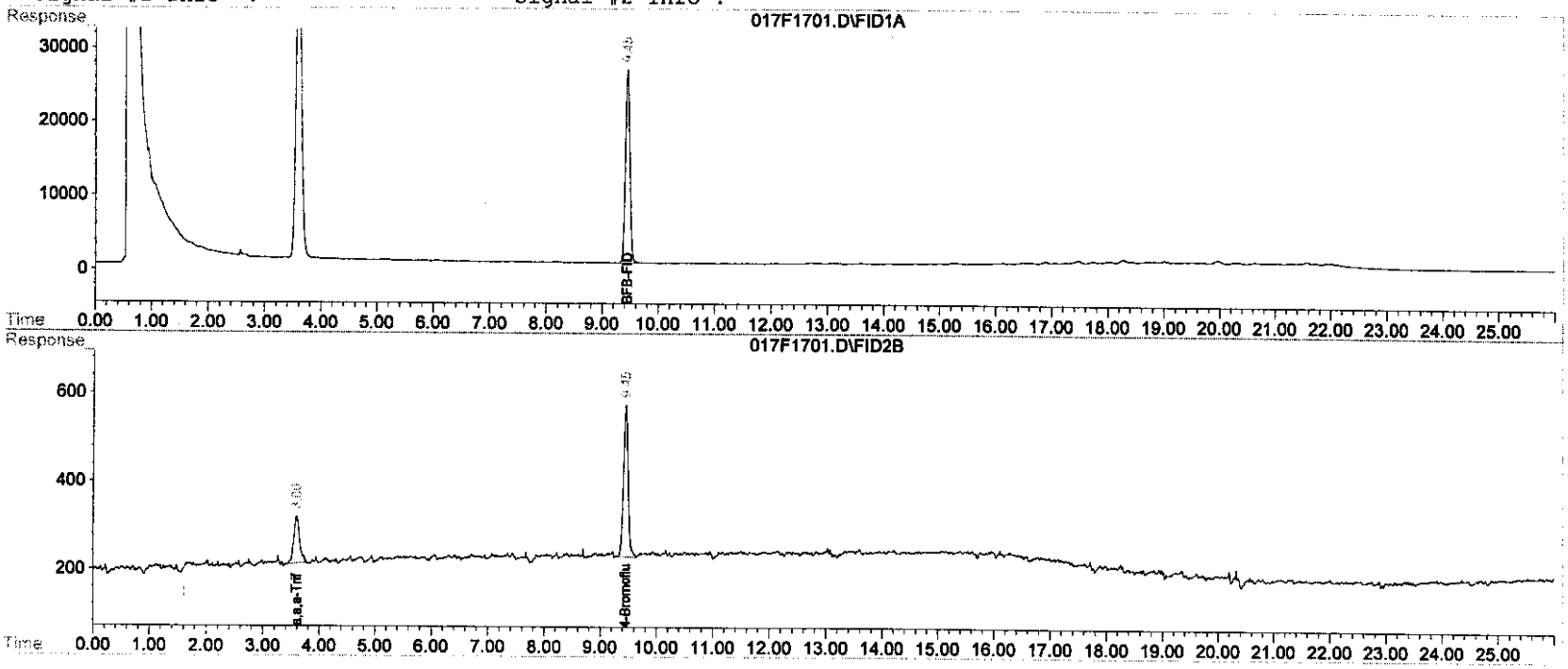
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7478	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1452589	92.983 ug/L
Spiked Amount 100.000		Recovery =	92.98%
1 S 4-Bromofluorobenzene	9.45	19881	75.855 ug/L
Spiked Amount 100.000		Recovery =	75.86%
Target Compounds			
1) H T M Gasoline	8.00	3102314	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\017F17 D\FID1A.CH Vial: 17
Acq On : 01-Jul-2005, 01:31:29 Operator: RG
Sample : 1554-1661,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\017F1701.D\FID2B.CH Vial: 17
Acq On : 01-Jul-05, 01:31:29 Operator: RG
Sample : 1554-1661,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\018F1801.D\FID1A.CH Vial: 18
Acq On : 01-Jul-2005, 02:03:39 Operator: RG
Sample : 1554-1662,1,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\018F1801.D\FID2B.CH Vial: 18
Acq On : 01-Jul-05, 02:03:39 Operator: RG
Sample : 1554-1662,1,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: 50X
Signal #1 Info : Signal #2 Info :

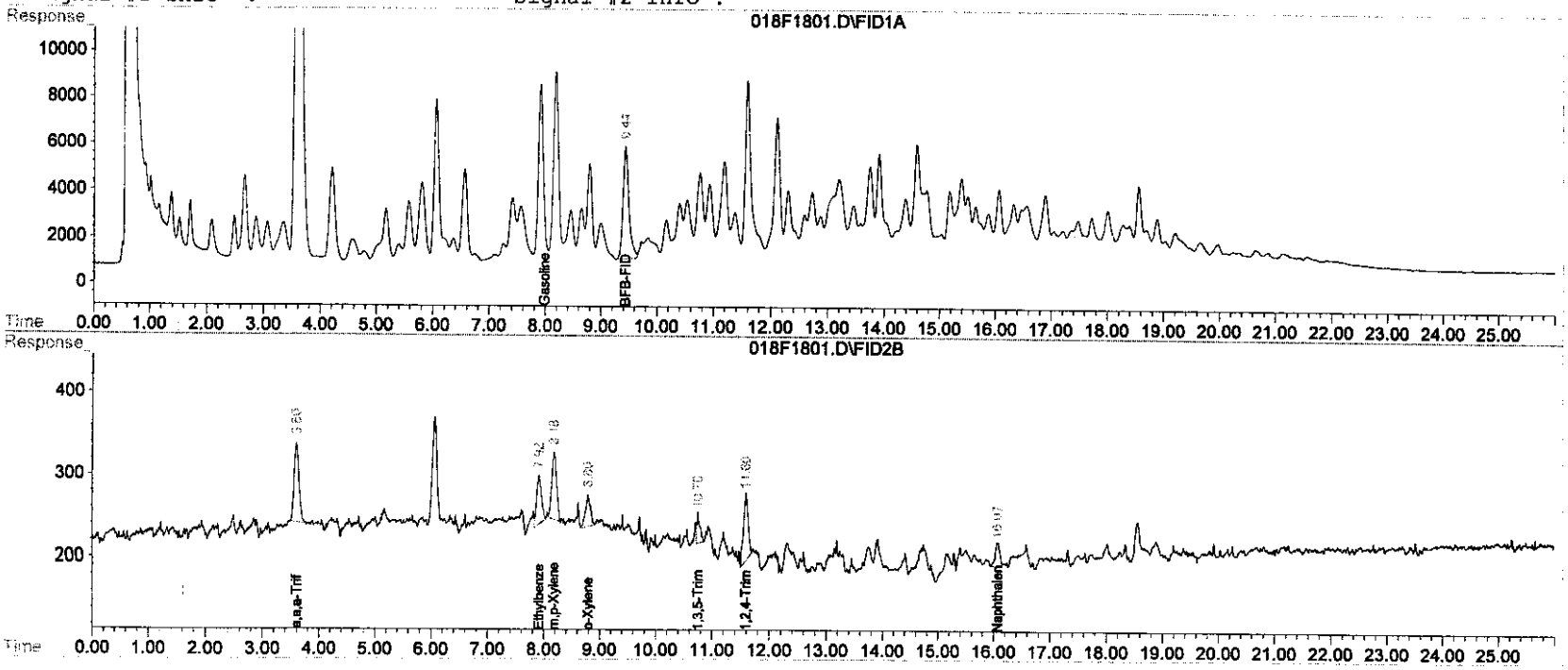
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5836	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	356632	22.627 ug/L
Spiked Amount 100.000		Recovery =	22.63%
1 S 4-Bromofluorobenzene	0.00	0	N.D. ug/L
Spiked Amount 100.000		Recovery =	0.00%
Target Compounds			
1) H T M Gasoline	8.00	13718094	440.940 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.92	3581	10.532 ug/L
9) T M m,p-Xylene	8.18	4772	10.426 ug/L
10) T M o-Xylene	8.80	2310	6.653 ug/L
12) T 1,3,5-Trimethylbenzene	10.76	1394	2.843 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	4696	12.005 ug/L
14) T Naphthalene	16.07	1579	11.575 ug/L

Data Fi] : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\018F18' D\FID1A.CH Vial: 18
Acq On : 01-Jul-2005, 02:03:39 Opera :: RG
Sample : 1554-1662,1,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\018F1801.D\FID2B.CH Vial: 18
Acq On : 01-Jul-05, 02:03:39 Operator: RG
Sample : 1554-1662,1,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\019F1901.D\FID1A.CH Vial: 19
Acq On : 01-Jul-2005, 02:35:45 Operator: RG
Sample : 1554-1663,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\019F1901.D\FID2B.CH Vial: 19
Acq On : 01-Jul-05, 02:35:45 Operator: RG
Sample : 1554-1663,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

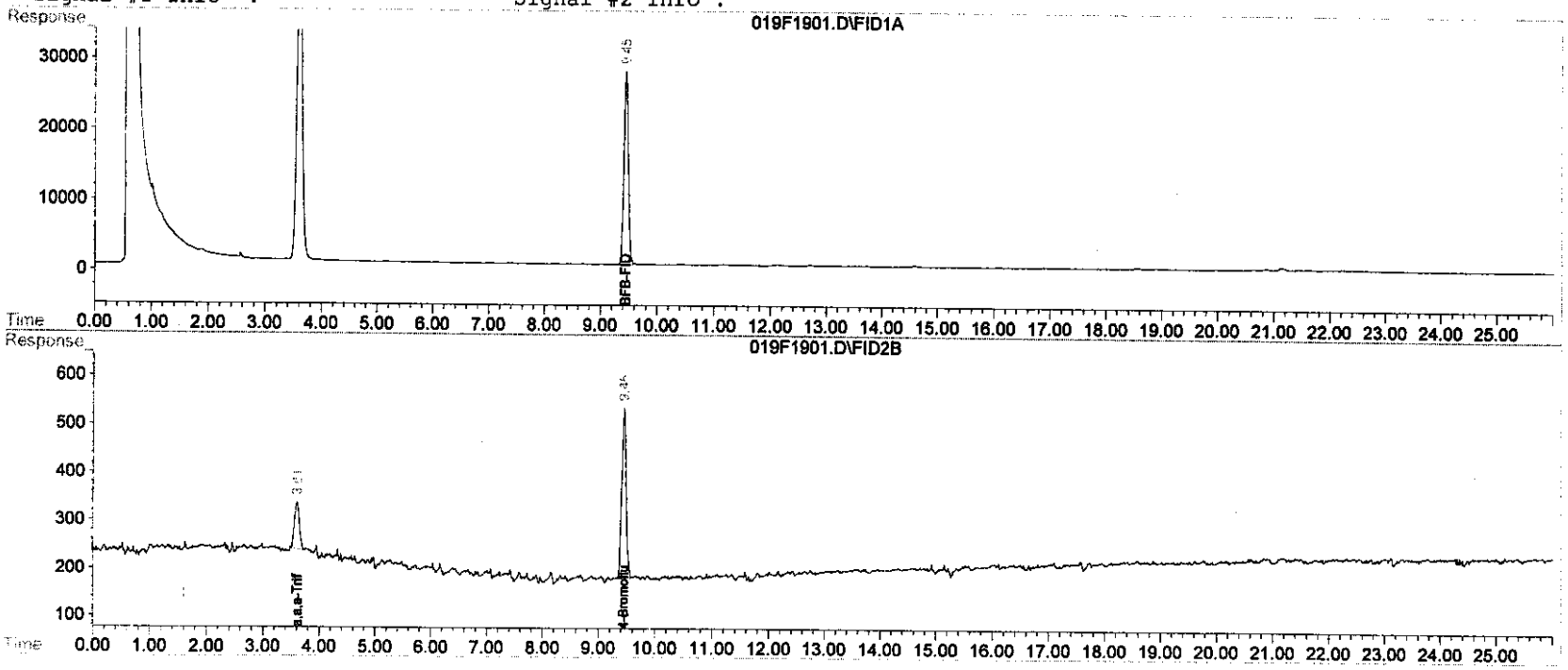
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6048	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1524892	97.625 ug/L
Spiked Amount 100.000		Recovery =	97.63%
3 S 4-Bromofluorobenzene	9.45	19529	92.139 ug/L
Spiked Amount 100.000		Recovery =	92.14%
Target Compounds			
1) H T M Gasoline	8.00	3129977	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fil : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\019F19[illegible].D\FID1A.CH Vial: 19
Acq On : 01-Jul-2005, 02:35:45 Operator: RG
Sample : 1554-1663,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\019F1901.D\FID2B.CH Vial: 19
Acq On : 01-Jul-05, 02:35:45 Operator: RG
Sample : 1554-1663,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\020F2001.D\FID1A.CH Vial: 20
Acq On : 01-Jul-2005, 03:08:24 Operator: RG
Sample : 1554-1664,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\020F2001.D\FID2B.CH Vial: 20
Acq On : 01-Jul-05, 03:08:24 Operator: RG
Sample : 1554-1664,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5932	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1461320	93.544 ug/L
Spiked Amount 100.000		Recovery =	93.54%
1[illegible] S 4-Bromofluorobenzene	9.45	18805	90.457 ug/L
S[illegible]ed Amount 100.000		Recovery =	90.46%
Target Compounds			
1) H T M Gasoline	8.00	3104698	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

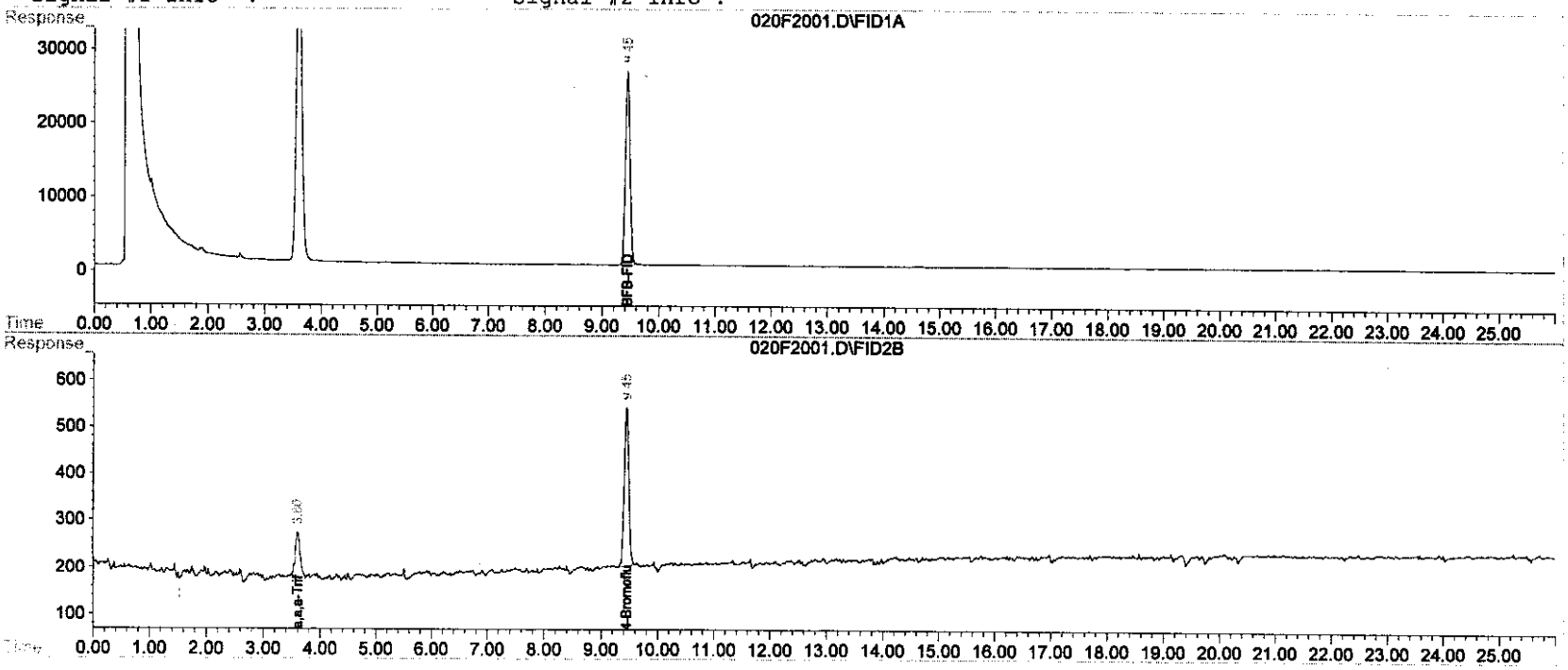
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\020F20'' .D\FID1A.CH Vial: 20
Acq On : 01-Jul-2005, 03:08:24 Opera r: RG
Sample : 1554-1664,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\020F2001.D\FID2B.CH Vial: 20
Acq On : 01-Jul-05, 03:08:24 Operator: RG
Sample : 1554-1664,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\021F2101.D\FID1A.CH Vial: 21
Acq On : 01-Jul-2005, 03:40:31 Operator: RG
Sample : 1554-1665,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\021F2101.D\FID2B.CH Vial: 21
Acq On : 01-Jul-05, 03:40:31 Operator: RG
Sample : 1554-1665,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

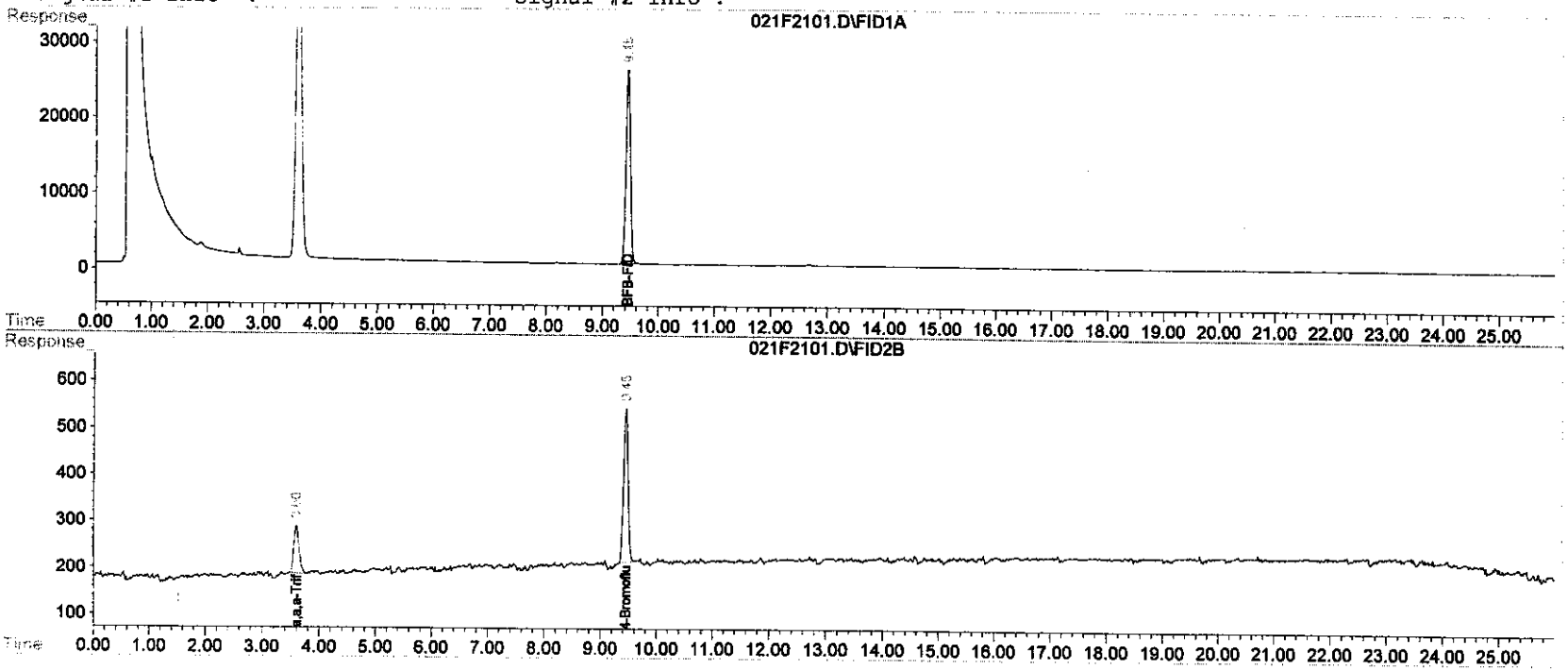
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6408	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1416292	90.653 ug/L
Spiked Amount 100.000		Recovery =	90.65%
1 S 4-Bromofluorobenzene	9.45	18276	81.380 ug/L
S[illegible]ed Amount 100.000		Recovery =	81.38%
Target Compounds			
1) H T M Gasoline	8.00	3102286	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data Fi` : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\021F21´ D\FID1A.CH Vial: 21
Acq On : 01-Jul-2005, 03:40:31 Opera :: RG
Sample : 1554-1665,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\021F2101.D\FID2B.CH Vial: 21
Acq On : 01-Jul-05, 03:40:31 Operator: RG
Sample : 1554-1665,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID1A.CH Vial: 22
Acq On : 01-Jul-2005, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID2B.CH Vial: 22
Acq On : 01-Jul-05, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	5887	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1639235	104.965 ug/L
Spiked Amount 100.000		Recovery =	104.97%
1 S 4-Bromofluorobenzene	9.45	21848	105.899 ug/L
Spiked Amount 100.000		Recovery =	105.90%
Target Compounds			
1) H T M Gasoline	8.00	25329795	929.578 ug/L
5) T Methyl-tert-butyl ether	1.36	509	10.306 ug/L
6) T M Benzene	2.48	3321	15.799 ug/L
7) T M Toluene	5.17	24698	83.952 ug/L
8) T M Ethylbenzene	7.91	5290	16.575 ug/L
9) T M m,p-Xylene	8.17	23384	60.548 ug/L
10) T M o-Xylene	8.79	8382	26.395 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5982	12.092 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14112	38.008 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

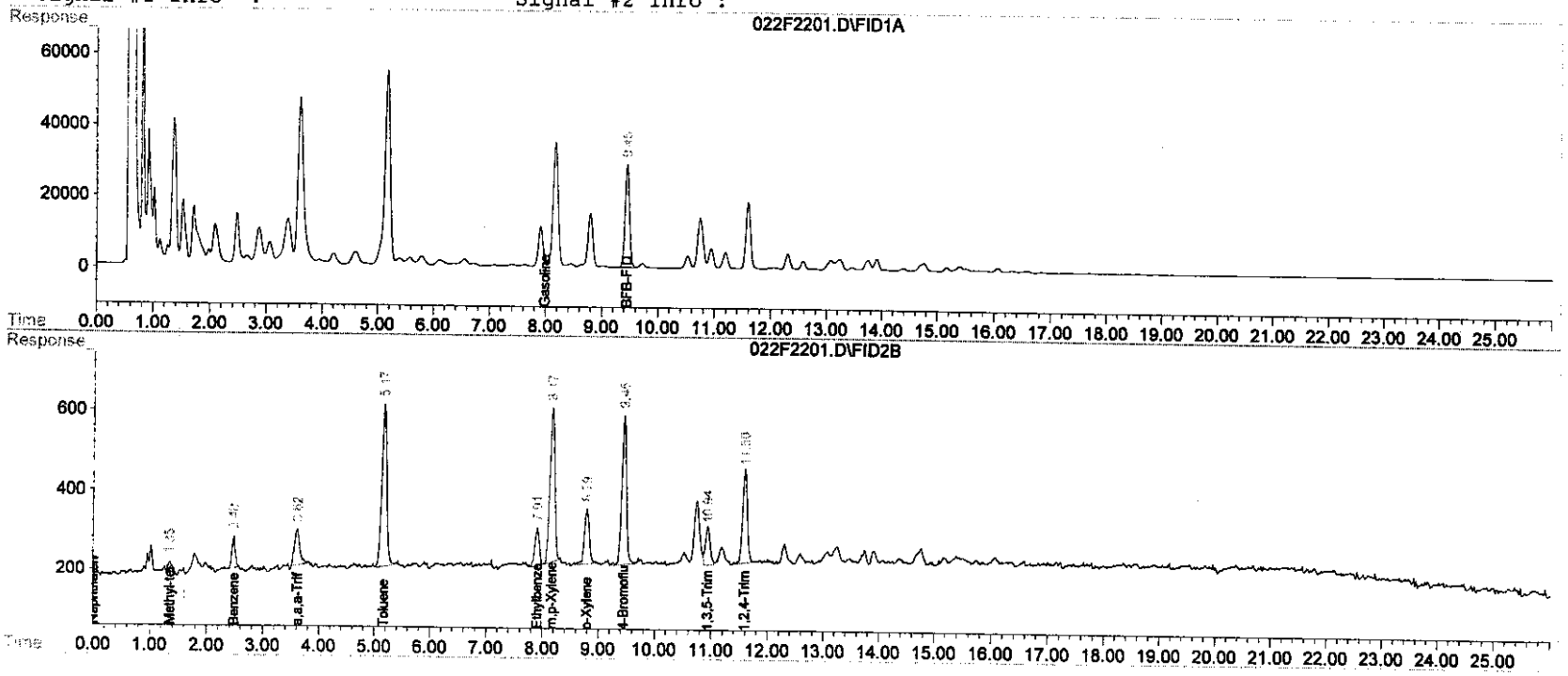
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID1A.CH Vial: 22
Acq On : 01-Jul-2005, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID2B.CH Vial: 22
Acq On : 01-Jul-05, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID1A.CH Vial: 23
Acq On : 01-Jul-2005, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID2B.CH Vial: 23
Acq On : 01-Jul-05, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

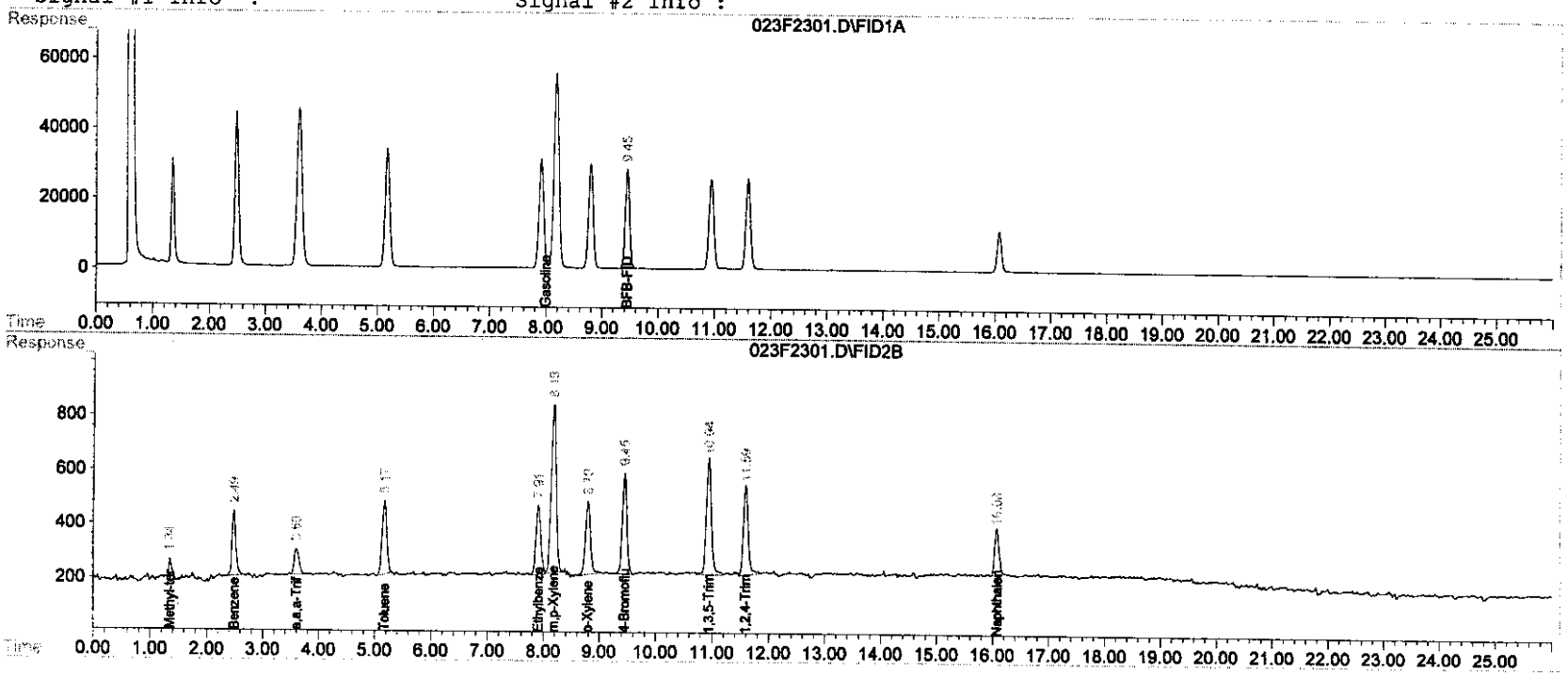
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5745	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1571207	100.598 ug/L
Spiked Amount 100.000		Recovery =	100.60%
1' S 4-Bromofluorobenzene	9.45	21257	105.581 ug/L
Spiked Amount 100.000		Recovery =	105.58%
Target Compounds			
1) H T M Gasoline	8.00	18395186	637.759 ug/L
5) T Methyl-tert-butyl ether	1.34	1737	37.272 ug/L
6) T M Benzene	2.49	11963	54.358 ug/L
7) T M Toluene	5.17	15848	54.860 ug/L
8) T M Ethylbenzene	7.91	15377	54.274 ug/L
9) T M m,p-Xylene	8.18	38964	105.198 ug/L
10) T M o-Xylene	8.80	17075	56.132 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	26873	55.667 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20441	56.961 ug/L
14) T Naphthalene	16.07	9844	52.545 ug/L

Data Fi' : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F23^^.D\FID1A.CH Vial: 23
Acq On : 01-Jul-2005, 04:44:05 Opera : RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID2B.CH Vial: 23
Acq On : 01-Jul-05, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

. .n-Spiked Sample: 0101001.D

	Spike Sample	Spike Duplicate Sample
File ID :	0201002.D	0301003.D
Sample :	lcs 1891	lcs dup 1891
Acq Time:	30 Jun 2005 15:17	30 Jun 2005 15:43

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	4.2	1000	1134	1158	113	115	2	20	70-130

- Fails Limit Check

050331.M Fri Jul 01 09:20:50 2005 MSAD1

Data File Name **0901009.D**
Date Acquired **30 Jun 2005 18:18**
Method File **DROFID3.M**
Sample Name **lcs 1890**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	30.28	25	121	80-144	Pass
Diesel Range Organics	994.45	1000	99	70 - 130	Pass

Spike Recovery and RPD Summary Report - Soil

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

Non-Spiked Sample: 1401014.D

	Spike Sample	Spike Duplicate Sample
File ID :	2301023.D	2401024.D
Sample :	0506-1658 ms	0506-1658 msd
Acq Time:	01 Jul 2005 00:18	01 Jul 2005 00:44

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.2	1000	973	970	97	97	0	20	70-130

- Fails Limit Check

050331.M Fri Jul 01 09:22:11 2005 MSAD1

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	1000CCV	N/A	N/A	4901004	49	Aqueous	10	06-30-05	[illegible]	SCSU-1-022
2		MB	1891		0101001	1					
3		LCS			0201002	2					
4	↓	LCS DUP		↓	0301003	3					
5	05-1595	0506-1596		EB-2	0401004	4					
6	↓	-1597		FB-2	0501005	5					
	05-1554	-1669		EB-3	0601006	6					
8	↓	↓ -1670	↓	FB-3	0701007	7	↓	↓			
9	N/A	MB	1890	N/A	0801008	8	Soil	1			
10	↓	LCS		↓	0901009	9					
11	05-1595	0506-1593		B-22	1001010	10					
12		1000CCV		N/A	1101011	11					SCSU-1-024
13	↓	0506-1598		B-27	1201012	12					
14	05-1554	↓ -1657	↓	B-42 (4ft.)	1301013	13	↓	↓		↓	

Surrogate ID: SCC-1-011F LCS/MS/MSD Spike ID: SCC-1-002A ICV/CCV Spike ID: SCSU-1-022 DCM ID: Lot. 041080

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: SCSU-1-024 DCM ID: N/A

Surrogate ID: / LCS/MS/MSD Spike ID: / ICV/CCV Spike ID: N/A DCM ID: /

NP 07-01-05 [illegible] 07-01-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1554	0506-1658	1890	B-43 (4ft)	401014	14	Soil	1		[illegible]	
2		-1659		B-45 (4ft)	1501015	15					
3		-1660		B-46 (4ft)	1601016	16					
4		-1661		B-47 (4ft)	1701017	17		(2)			
5		-1662		B-48 (4ft)	1801018	18		10X			
6		-1663		B-49 (4ft)	1901019	19		1			
7		-1664		B-50 (4ft)	2001020	20					
8		(2) -1665		DUP	2101021	21					
9		1000 CCU		N/A	2201022	(1) 22					
10		0506-1658		B-43 (4ft)	2301023	23			07-01-05		NS
11		(2) -1659		(2)	2401024	24					MSD
12	(2)	1000CCU	(2)	N/A	2501025	25	(2)	(2)		(2)	
13											
14											

Surrogate ID: SUGC-1-011F LCS/MS/MSD Spike ID: SUGC-1-002A ICV/CCV Spike ID: SLSU-1-024 DCM ID: Sol. 041070 07-01-05

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

(1) [illegible] 07-01-05 N/A [illegible] 07-01-05 (2) [illegible] 07-01-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG (MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	N/A	MB	1890	06-30-05		10.08g	10mL	1	
2	"	LCS				10.01g			
3	05-1535	0506-1573				9.95g			
4	"	-1578				10.08g			
5	05-1554	-1657				9.45g			
6		-1658				9.94g			
7		-1659				10.02g			
8		-1660				9.98g			
9		-1661				10.01g			
10		-1662				9.95g			
11		-1663				10.00g			
12		-1664				9.91g			
13		-1665				10.01g			
14		-1458				10.01g			
15	"	-1658				10.07g			MS
16	N/A	MB	1891			30mL	3	10	MSD
17	"	LCS							
18	05-1535	0506-1546							
19	"	-1597							
20	05-1554	-1669							
21	"	-1670							
22	N/A	LCS DUP							
24									
25									

Spike Witness: 06-30-05

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 041080 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050624 Exp. Date: 06-10
Surrogate ID: SOX-1-011F LCS/MS/MSD ID: SOX-1-002A

VERIFIED AND APPROVED BY: DATE: 7/01/05

06-30-05 N/A 06-30-05

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050629\4901004.D Vial: 49
Acq On : 30 Jun 2005 10:42 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 15:36 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

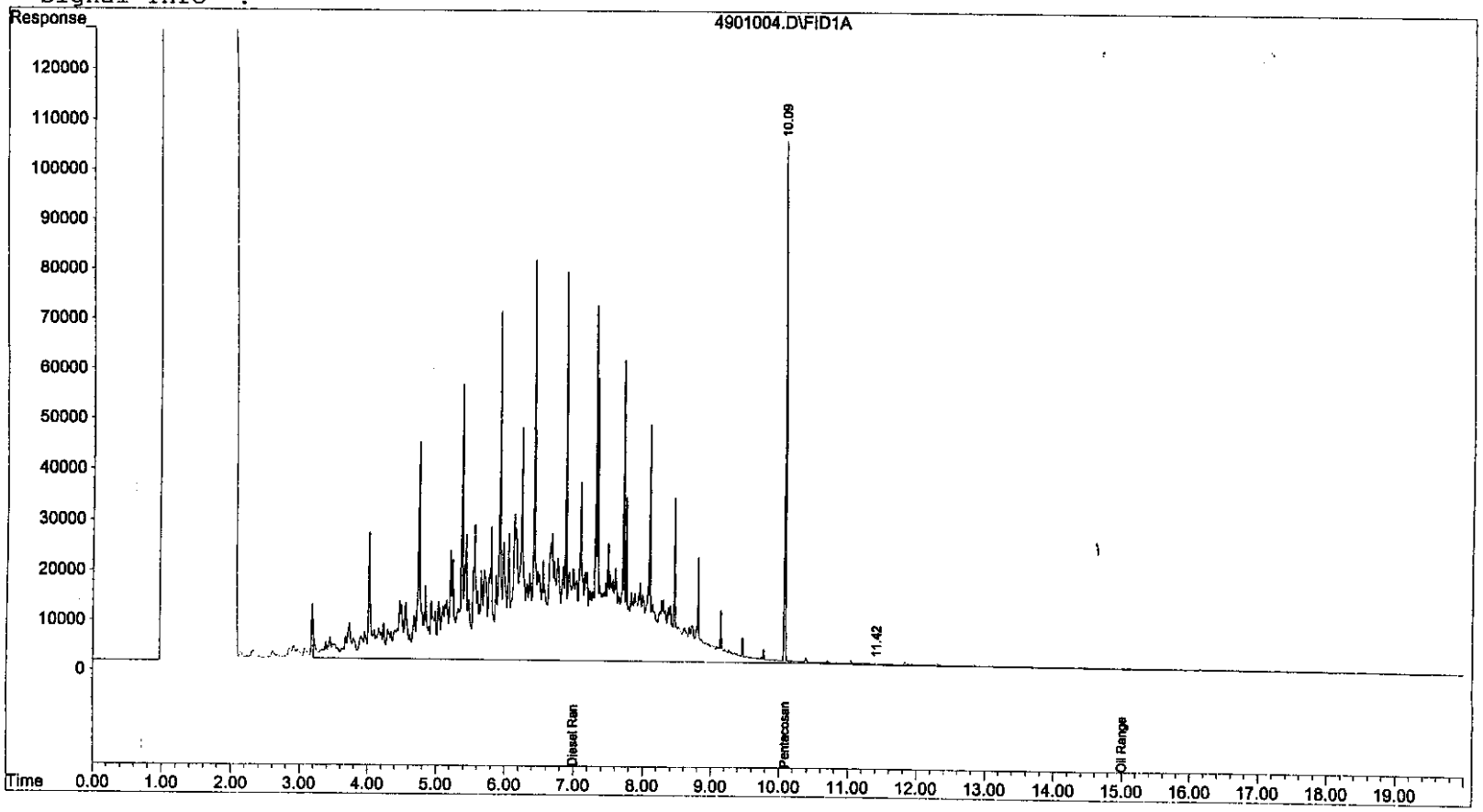
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1098880	27.515 mg/L
Spiked Amount 25.000 Range 80 - 144 Recovery = 110.06% 110%			
Target Compounds			
2) H M Diesel Range Organics	7.00	41894572	1027.888 mg/L 103%
3) H Oil Range Organics	15.00	161410	3.960 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050629\4901004.D Vial: 49
Acq : 30 Jun 2005 10:42 Operator: KMI
Samp : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 15:36 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0101001.D Vial: 1
Acq On : 30 Jun 2005 14:51 Operator: KMI
Sample : mb 1891 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 18:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

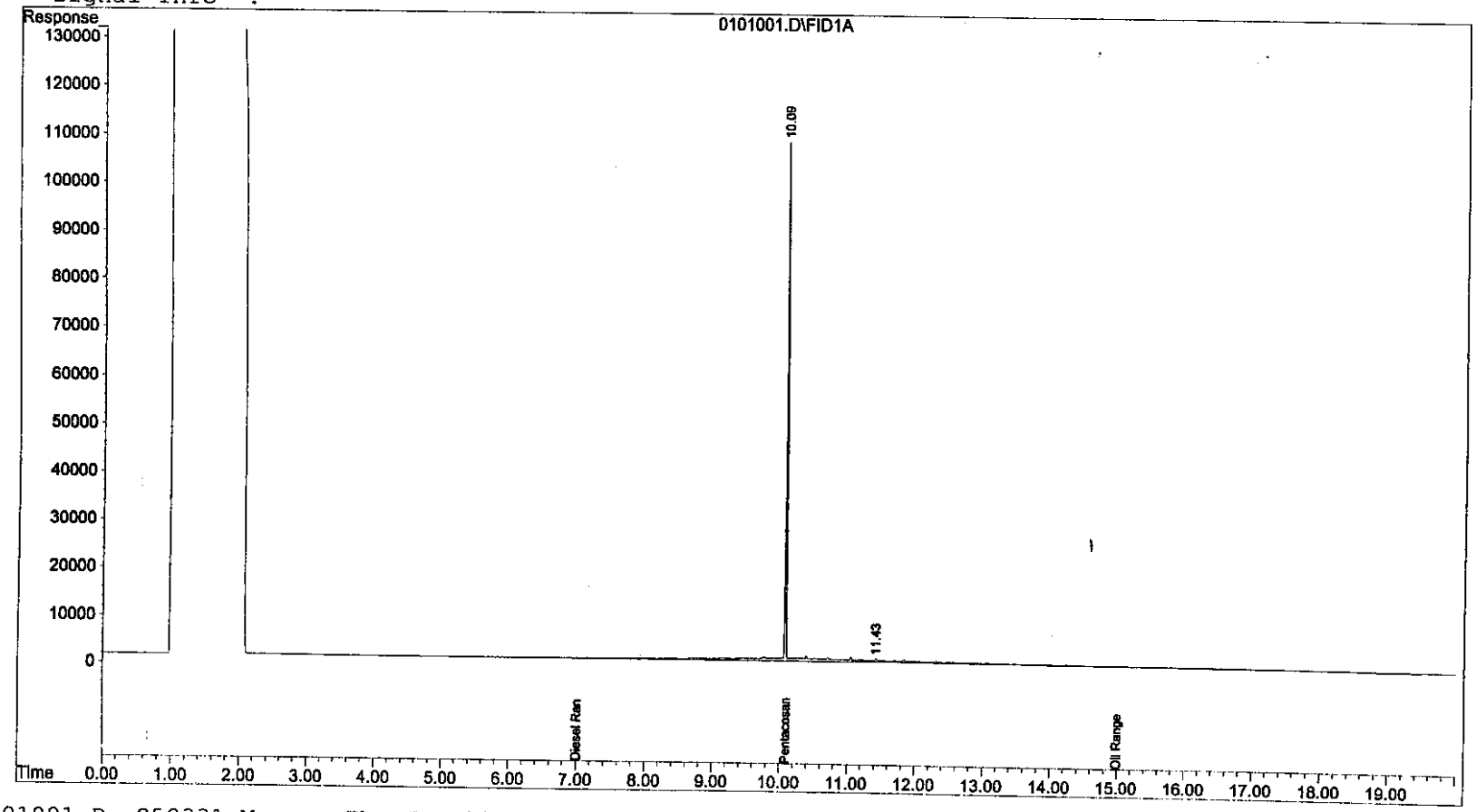
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1130313	28.303 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	113.21% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	172704	4.237 mg/L
3) H Oil Range Organics	15.00	96647	2.371 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0101001.D Vial: 1
Acq : 30 Jun 2005 14:51 Operator: KMI
Sample : mb 1891 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 18:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0201002.D Vial: 2
Acq On : 30 Jun 2005 15:17 Operator: KMI
Sample : lcs 1891 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 18:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

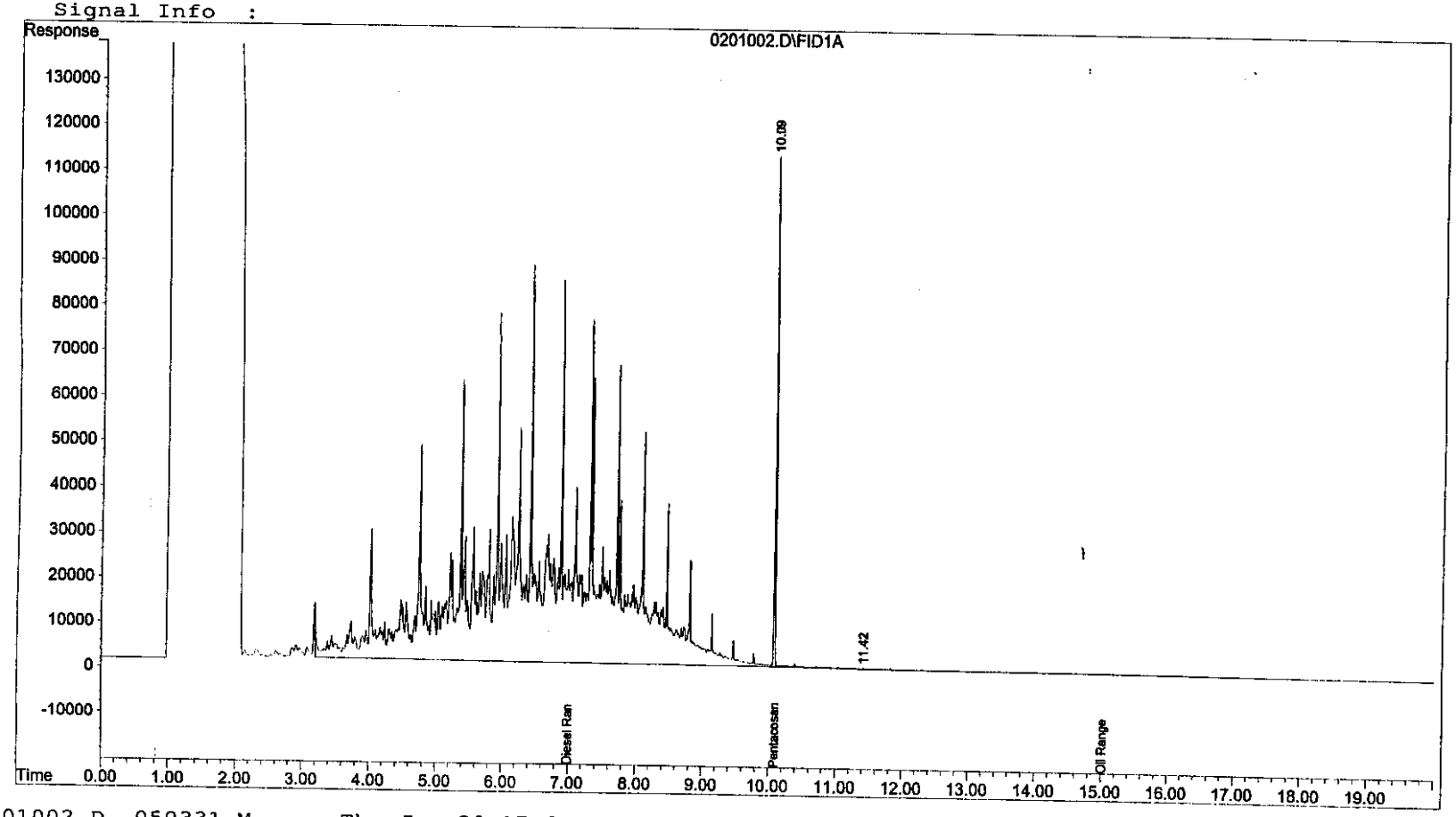
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1210233	30.304 mg/L 121%
Spiked Amount 25.000 Range 80 - 144		Recovery = 121.22%	
Target Compounds			
2) H M Diesel Range Organics	7.00	46207212	1133.700 mg/L 113%
3) H Oil Range Organics	15.00	28007	0.687 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0201002.D Vial: 2
Acq : 30 Jun 2005 15:17 Operator: KMI
Sam : lcs 1891 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 18:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0301003.D Vial: 3
Acq On : 30 Jun 2005 15:43 Operator: KMI
Sample : lcs dup 1891 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 18:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

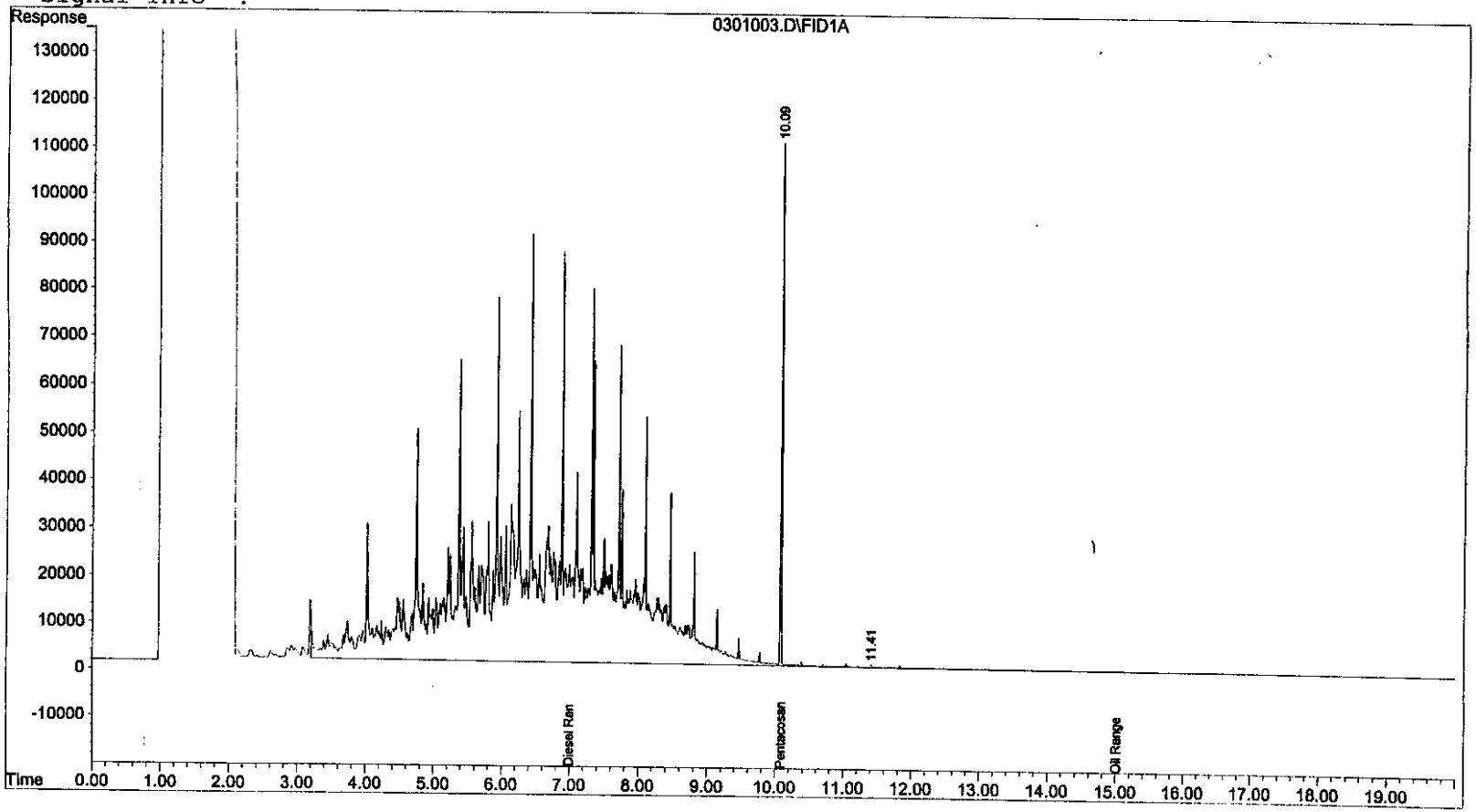
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1194131	29.900 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	119.60% 100%
Target Compounds			
2) H M Diesel Range Organics	7.00	47183060	1157.642 mg/L 116%
3) H Oil Range Organics	15.00	33758	0.828 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0301003.D Vial: 3
Acq : 30 Jun 2005 15:43 Operator: KMI
Samp... : lcs dup 1891 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jun 30 18:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0601006.D Vial: 6
Acq On : 30 Jun 2005 17:00 Operator: KMI
Sample : 0506-1669 Inst : FID3
Misc : EB-3 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:23 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

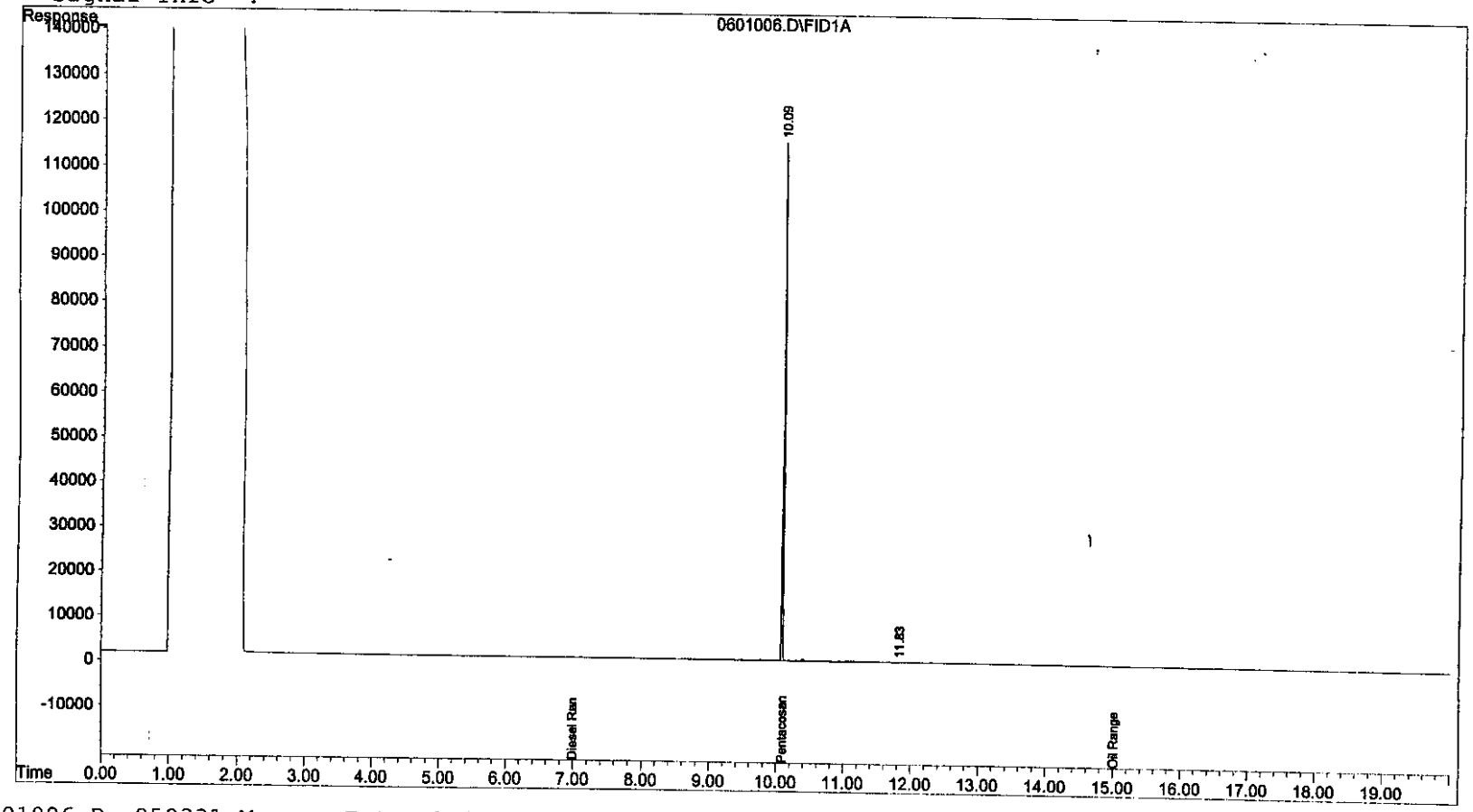
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1180706	29.564 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.26% 118%
Target Compounds			
2) H M Diesel Range Organics	7.00	27761	0.681 mg/L
3) H Oil Range Organics	15.00	17651	0.433 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0601006.D Vial: 6
Acq : 30 Jun 2005 17:00 Operator: KMI
Sample : 0506-1669 Inst : FID3
Misc : EB-3 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:23 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0701007.D Vial: 7
Acq On : 30 Jun 2005 17:26 Operator: KMI
Sample : 0506-1670 Inst : FID3
Misc : FB-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:24 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

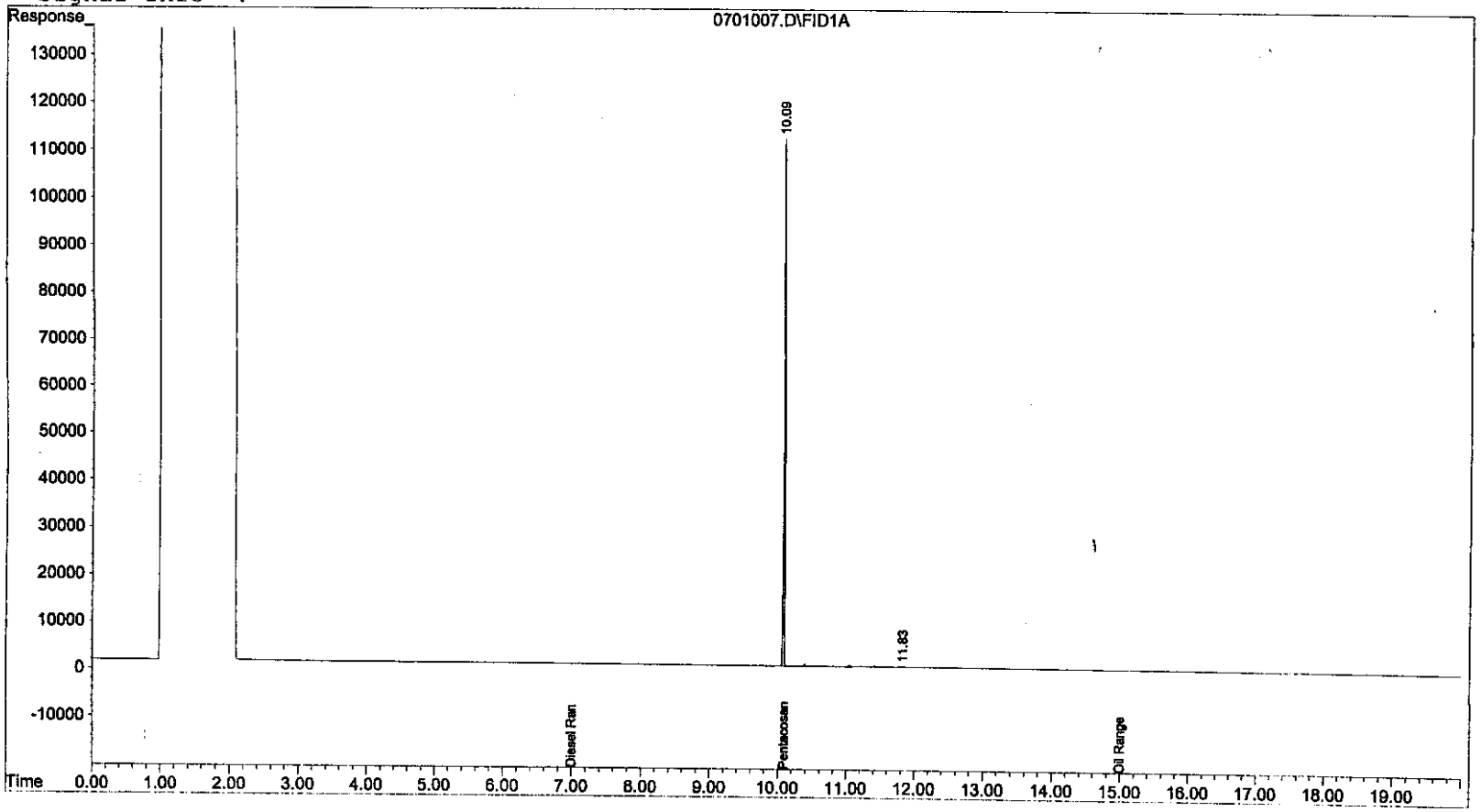
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1185869	29.694 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.78% 119%
Target Compounds			
2) H M Diesel Range Organics	7.00	32148	0.789 mg/L
3) H Oil Range Organics	15.00	20086	0.493 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0701007.D Vial: 7
Acq : 30 Jun 2005 17:26 Operator: KMI
Sample : 0506-1670 Inst : FID3
Misc : FB-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:24 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0801008.D Vial: 8
Acq On : 30 Jun 2005 17:52 Operator: KMI
Sample : mb 1890 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:24 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

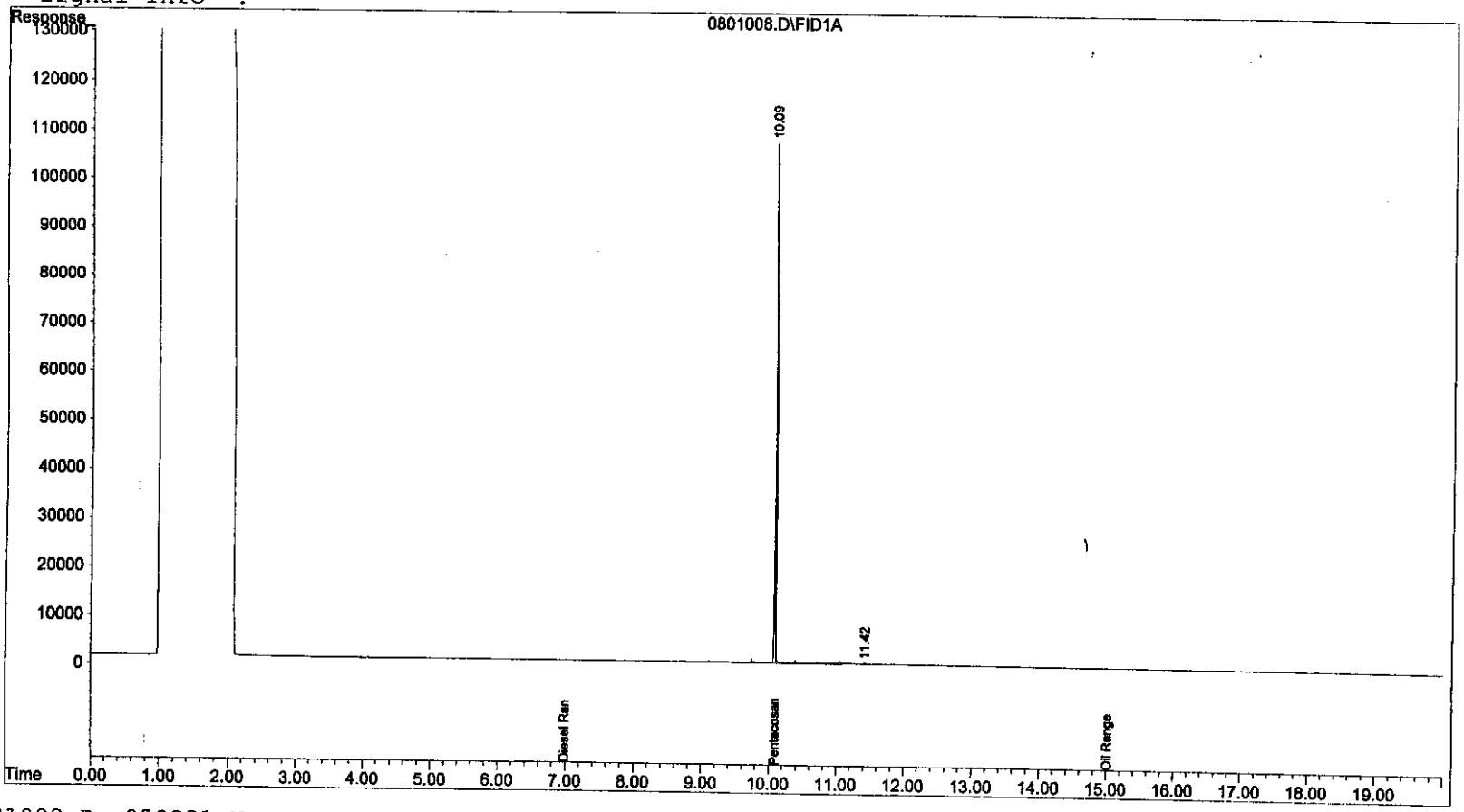
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1125024	28.170 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	112.68% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	59110	1.450 mg/L
3) H Oil Range Organics	15.00	28937	0.710 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0801008.D Vial: 8
Acq : 30 Jun 2005 17:52 Operator: KMI
Samp : mb 1890 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:24 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0901009.D Vial: 9
Acq On : 30 Jun 2005 18:18 Operator: KMI
Sample : lcs 1890 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:24 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

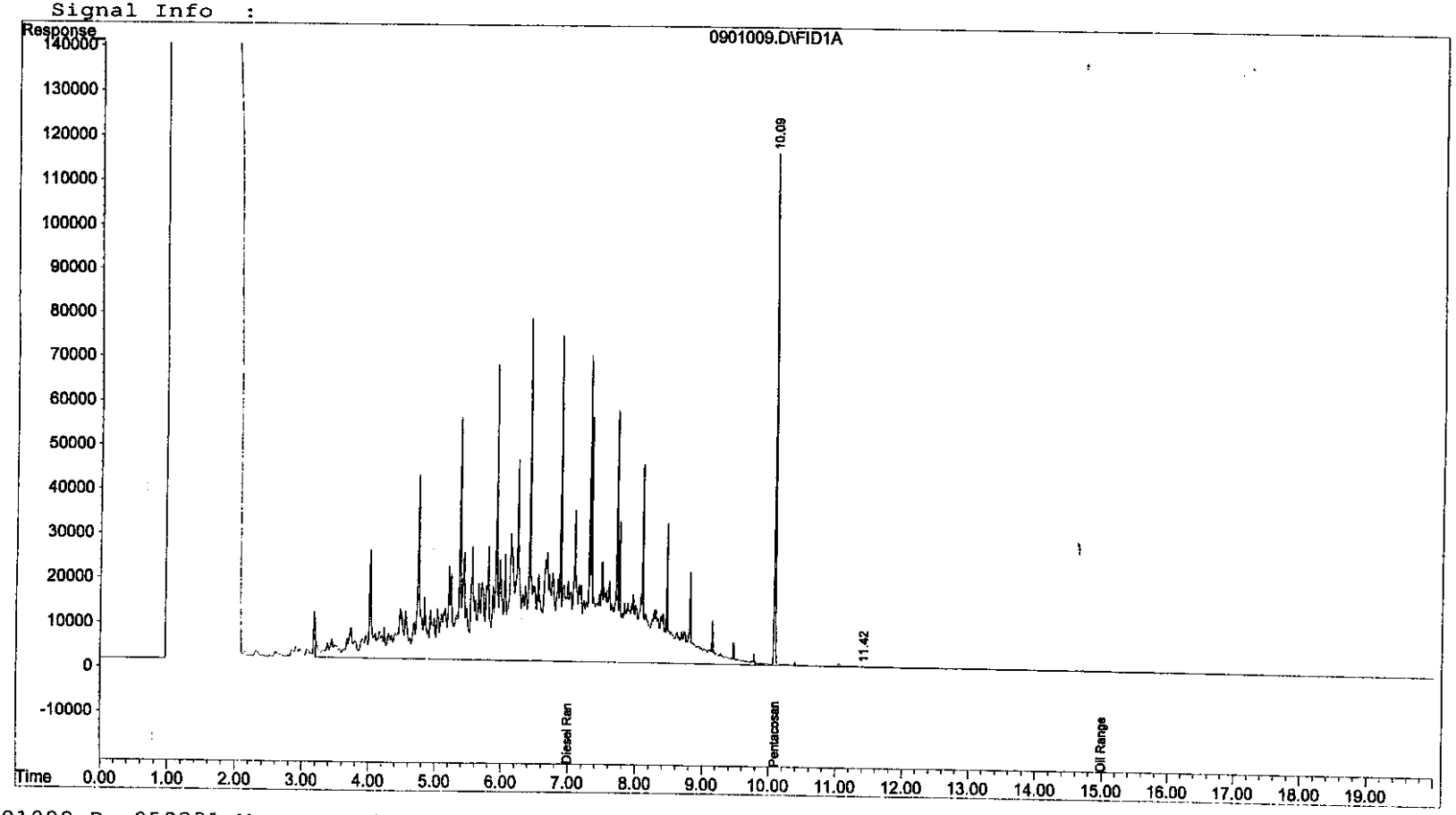
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1209316	30.281 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	121.12% 101%
Target Compounds			
2) H M Diesel Range Organics	7.00	40531578	994.447 mg/L 99%
3) H Oil Range Organics	15.00	29720	0.729 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\0901009.D Vial: 9
Acq : 30 Jun 2005 18:18 Operator: KMI
Sample : lcs 1890 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:24 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1101011.D Vial: 11
Acq On : 30 Jun 2005 19:09 Operator: KMI
Sample : 1000 CCV Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:25 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

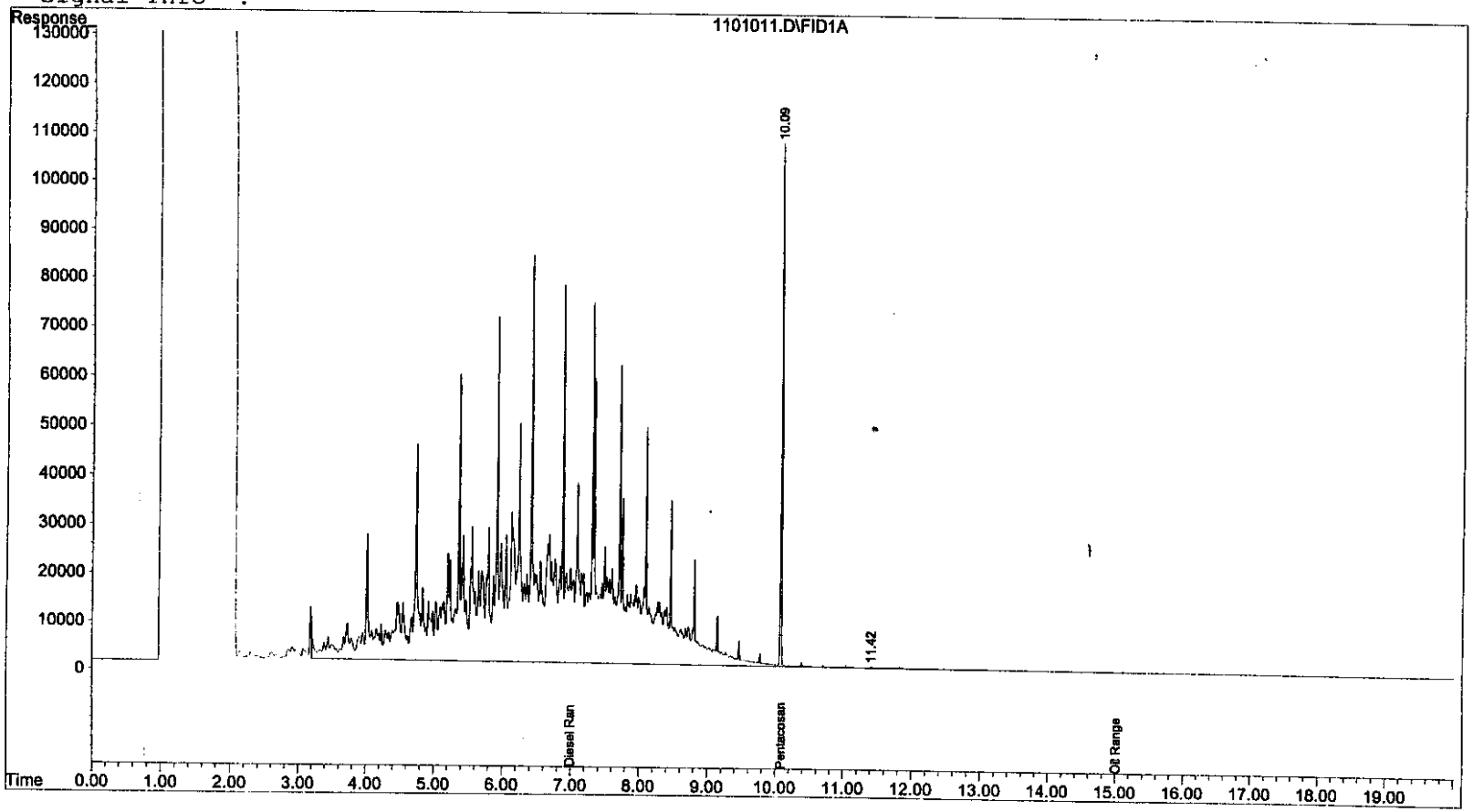
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1088846	27.264 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 109.06%	109%
Target Compounds			
2) H M Diesel Range Organics	7.00	43529606	1068.004 mg/L 107%
3) H Oil Range Organics	15.00	18493	0.454 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1101011.D Vial: 11
Acq : 30 Jun 2005 19:09 Operator: KMI
Sample : 1000 CCV Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:25 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1301013.D Vial: 13
Acq On : 30 Jun 2005 20:01 Operator: KMI
Sample : 0506-1657 Inst : FID3
Misc : B-42 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:25 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Ini
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

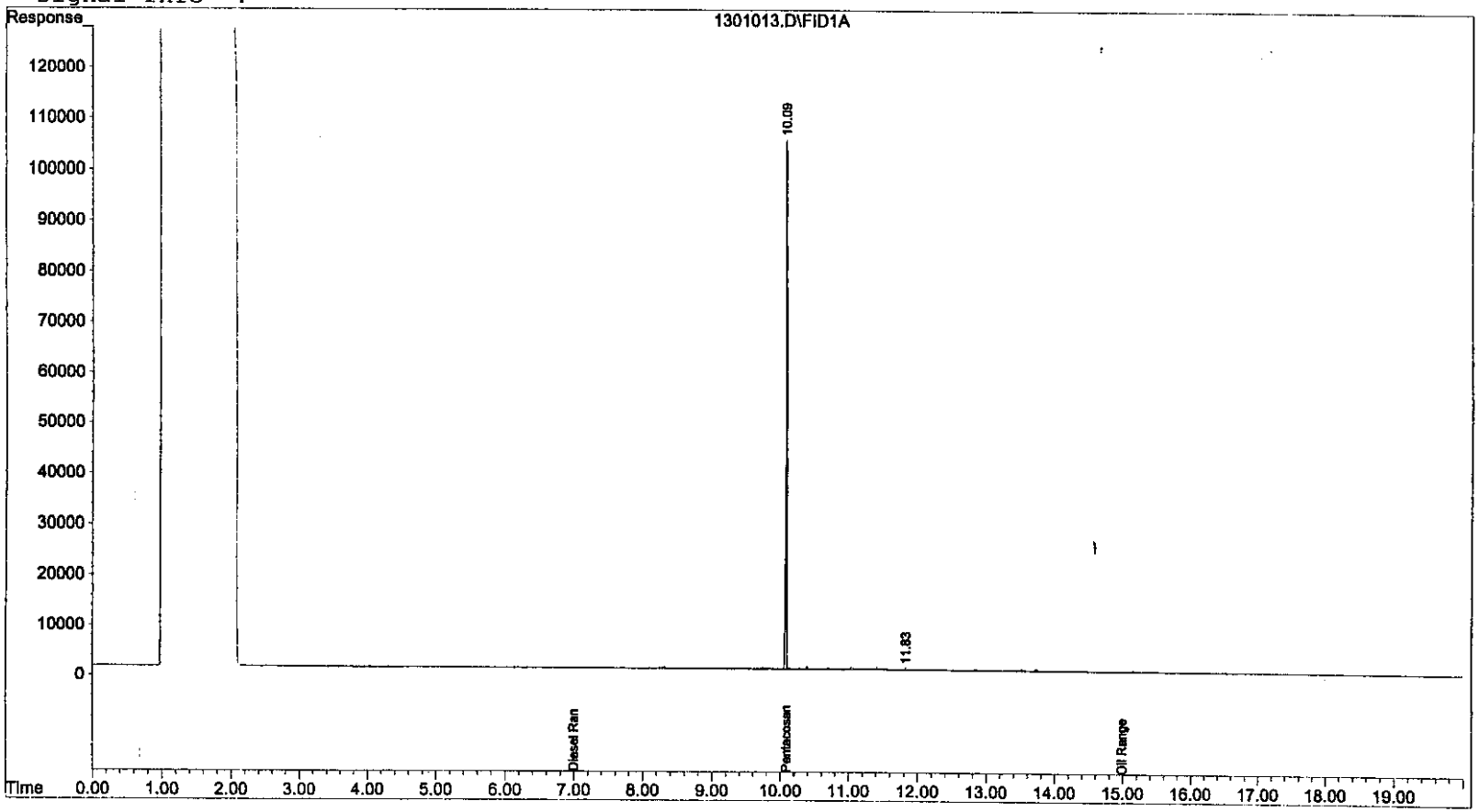
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1056792	26.462 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	105.85% 106%
Target Compounds			
2) H M Diesel Range Organics	7.00	56634	1.390 mg/L
3) H Oil Range Organics	15.00	87899	2.157 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1301013.D Vial: 13
Acq : 30 Jun 2005 20:01 Operator: KMI
Sample : 0506-1657 Inst : FID3
Misc : B-42 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:25 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1401014.D Vial: 14
Acq On : 30 Jun 2005 20:27 Operator: KMI
Sample : 0506-1658 Inst : FID3
Misc : B-43 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

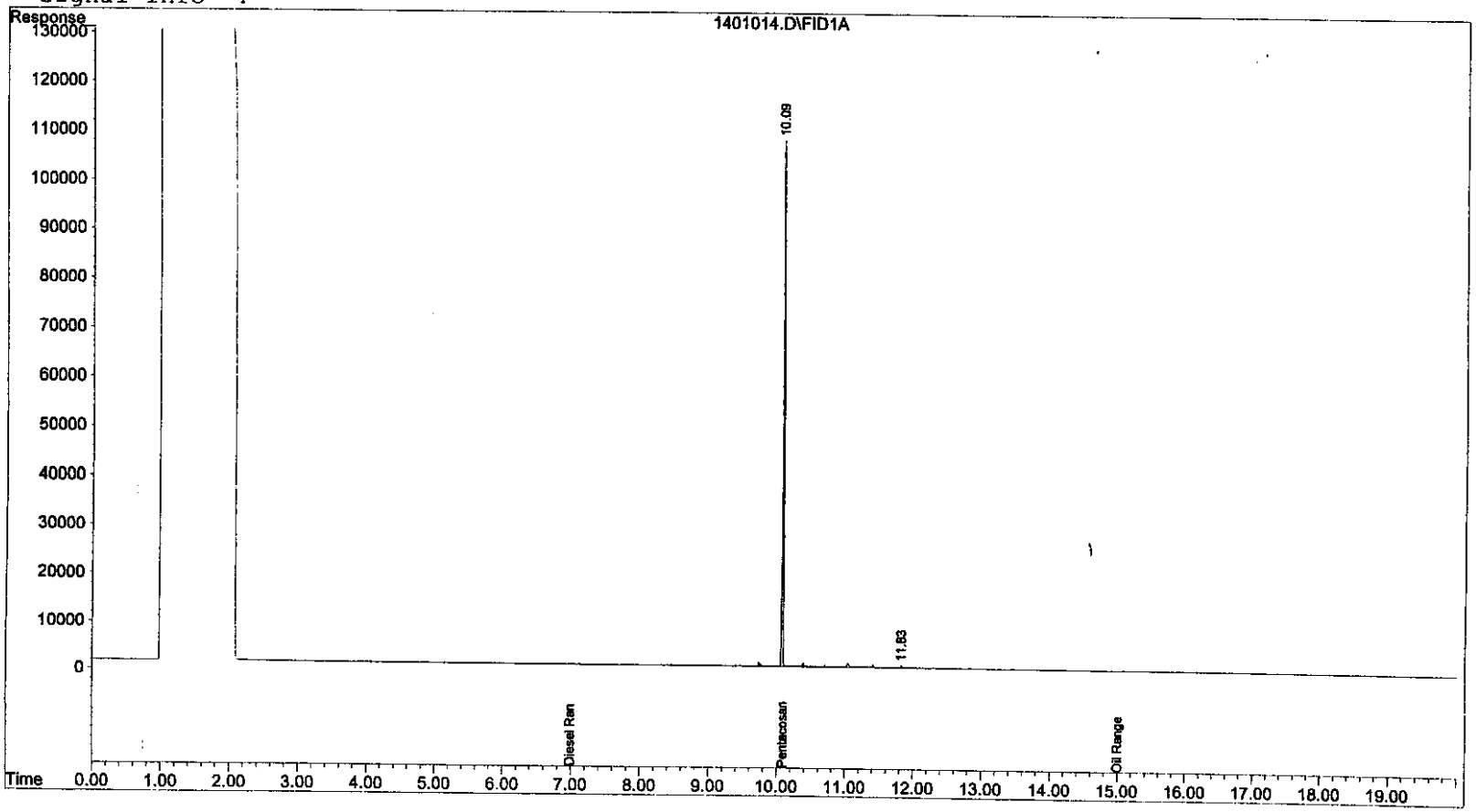
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1155706	28.938 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	115.75% 116%
Target Compounds			
2) H M Diesel Range Organics	7.00	50115	1.230 mg/L
3) H Oil Range Organics	15.00	48966	1.201 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1401014.D Vial: 14
Acq : 30 Jun 2005 20:27 Operator: KMI
Sample : 0506-1658 Inst : FID3
Misc : B-43 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1501015.D Vial: 15
Acq On : 30 Jun 2005 20:52 Operator: KMI
Sample : 0506-1659 Inst : FID3
Misc : B-45 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1090811	27.313 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.25% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	527350	12.939 mg/L 15mg/kg
3) H Oil Range Organics	15.00	286820	7.037 mg/L

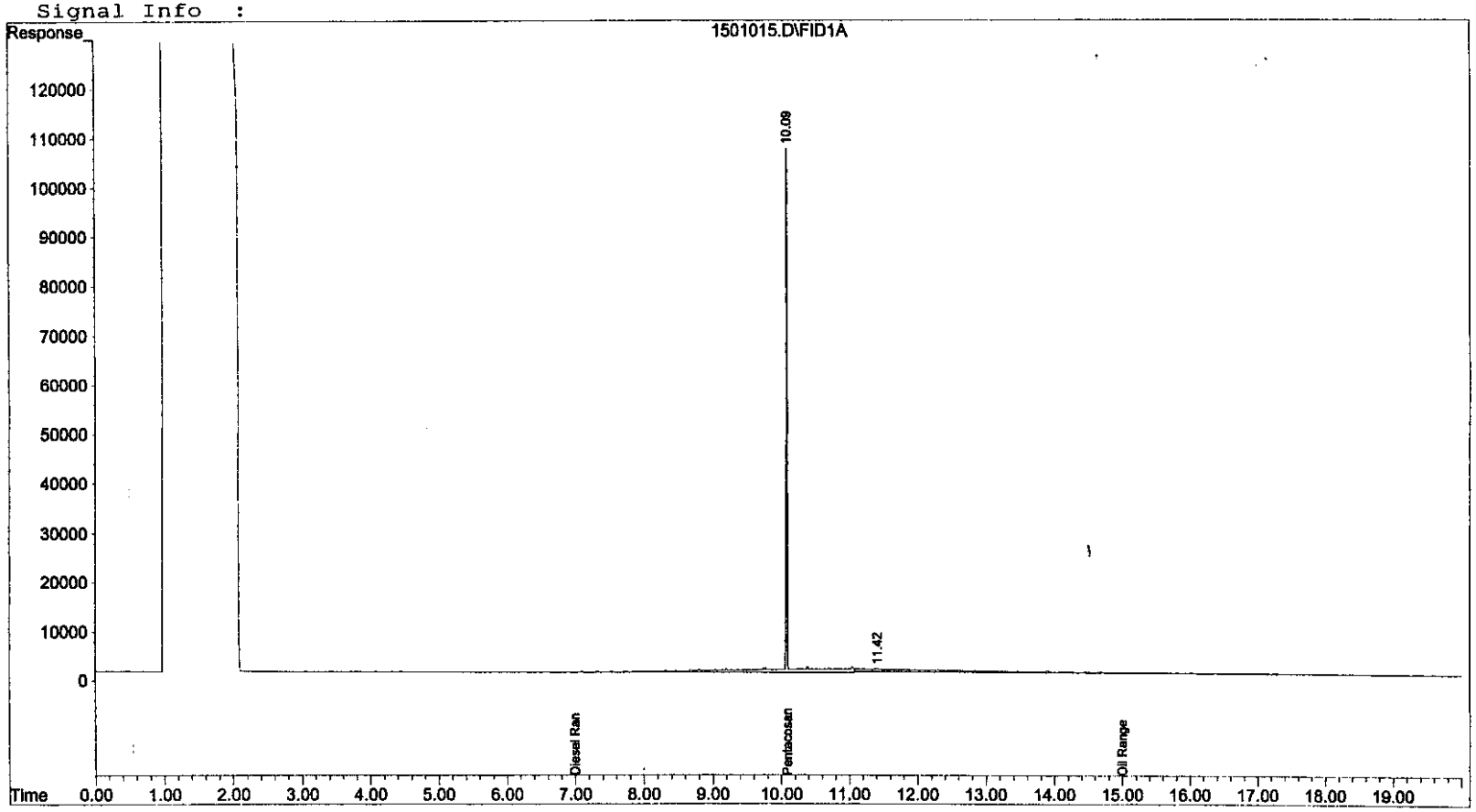
07-01-05

(f)=RT Delta > 1/2 Window (m)=manual int.

Dat ile : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1501015.D Vial: 15
Acq : 30 Jun 2005 20:52 Operator: KMI
Sample : 0506-1659 Inst : FID3
Misc : B-45 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1601016.D Vial: 16
Acq On : 30 Jun 2005 21:18 Operator: KMI
Sample : 0506-1660 Inst : FID3
Misc : B-46 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1179122	29.525 mg/L m
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.10% 118%
Target Compounds			
2) H M Diesel Range Organics	7.00	13389081	328.503 mg/L 330 mg/kg
3) H Oil Range Organics	15.00	13672089	335.446 mg/L 335 mg/kg

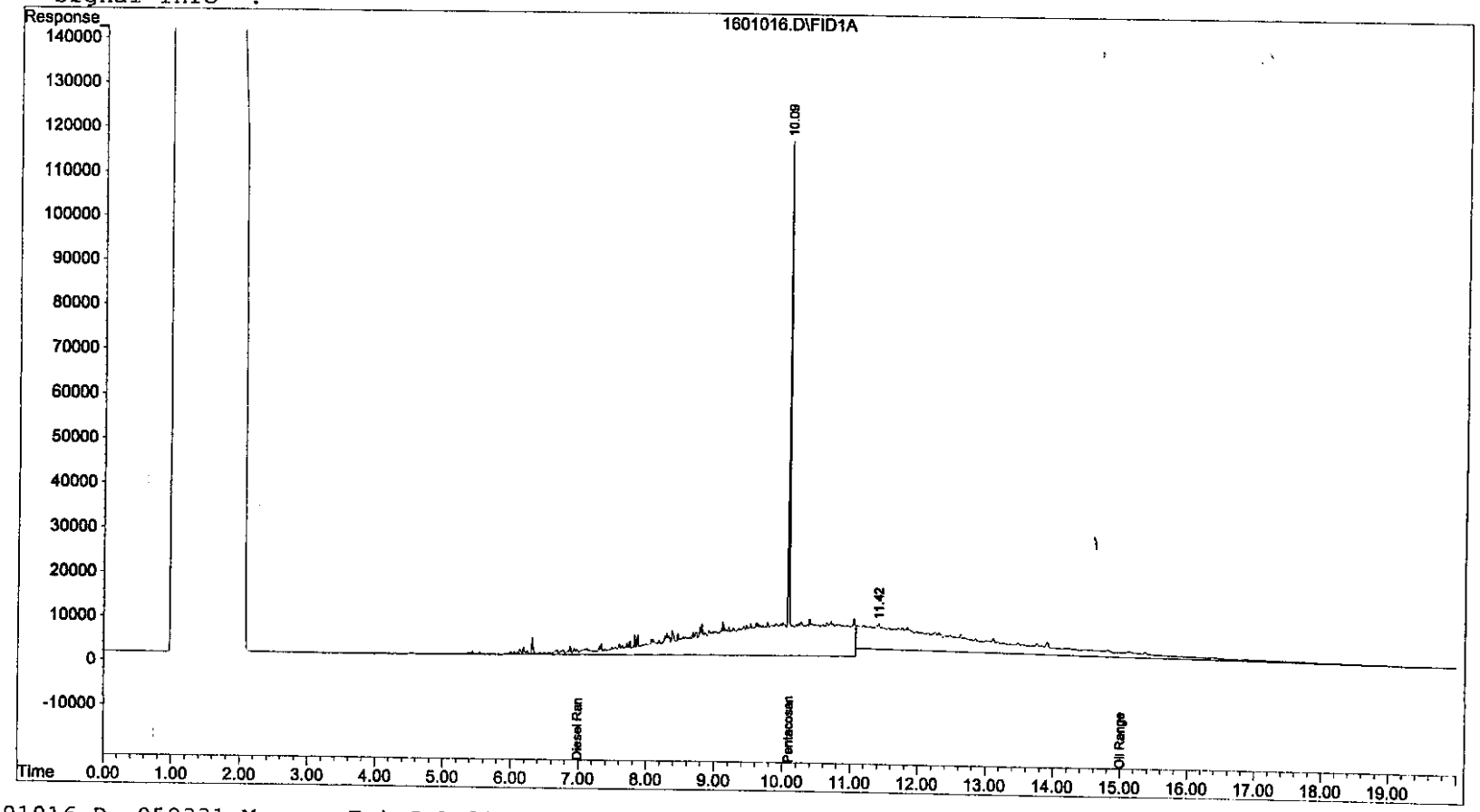
m
07-01-05

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1601016.D Vial: 16
Acq : 30 Jun 2005 21:18 Operator: KMI
Sample : 0506-1660 Inst : FID3
Misc : B-46 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1701017.D Vial: 17
Acq On : 30 Jun 2005 21:44 Operator: KMI
Sample : 0506-1661 Inst : FID3
Misc : B-47 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1253159	31.379 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	125.52% 106%
Target Compounds			
2) H M Diesel Range Organics	7.00	9799497	240.432 mg/L 240 mg/kg
3) H Oil Range Organics	15.00	5877240	144.199 mg/L 140 mg/L

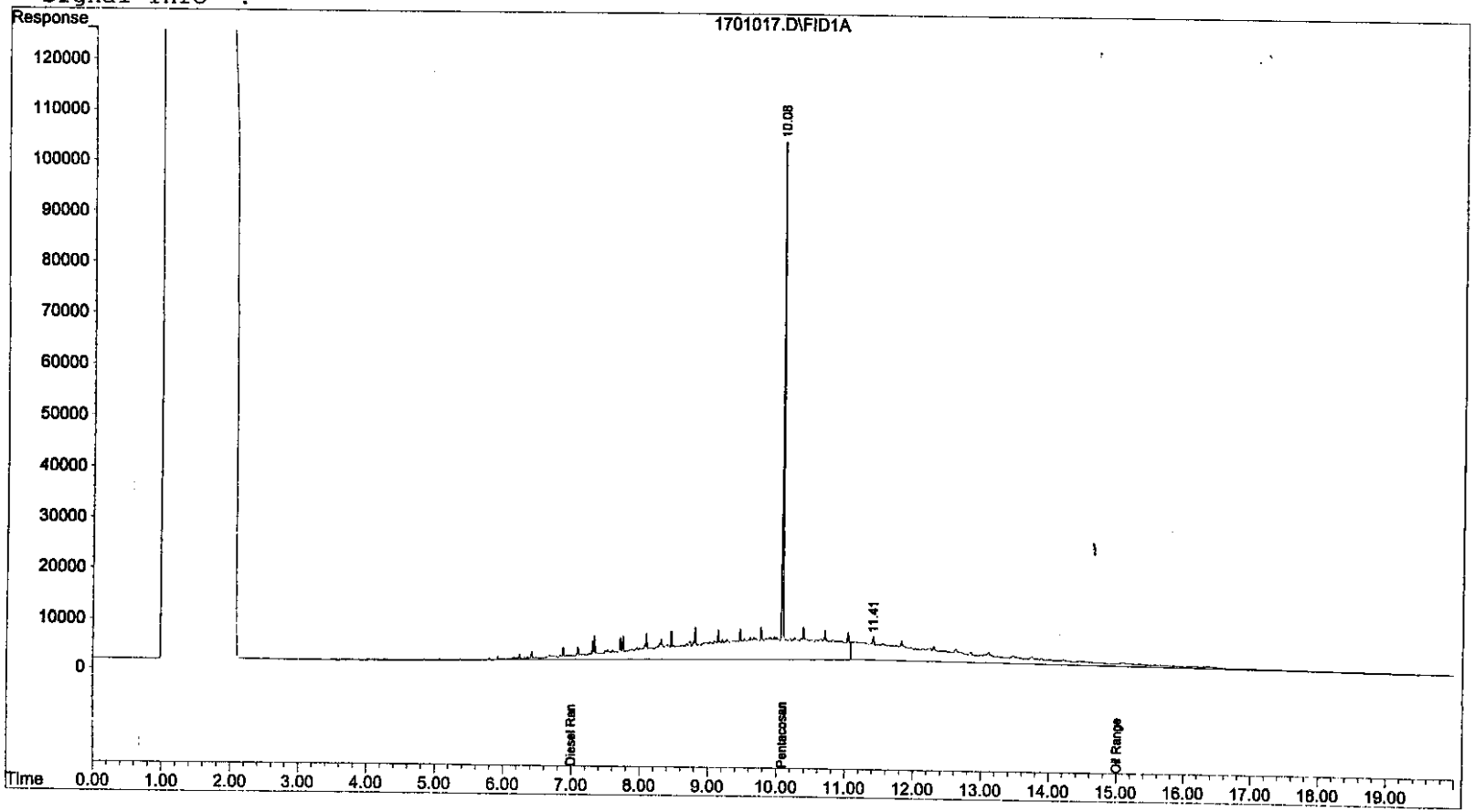
DR
07-01-05

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1701017.D Vial: 17
Acq : 30 Jun 2005 21:44 Operator: KMI
Sample : 0506-1661 Inst : FID3
Misc : B-47 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1801018.D Vial: 18
Acq On : 30 Jun 2005 22:10 Operator: KMI
Sample : 0506-1662 10x PL 07-01-05 Inst : FID3
Misc : B-48 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	509093	12.747 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	50.99%#
Target Compounds			
2) H M Diesel Range Organics	7.00	44399815	1089.355 mg/L x10 = 10894 mg/L
3) H Oil Range Organics	15.00	4246151	104.180 mg/L x10 = 1042 mg/L

PL 07-01-05

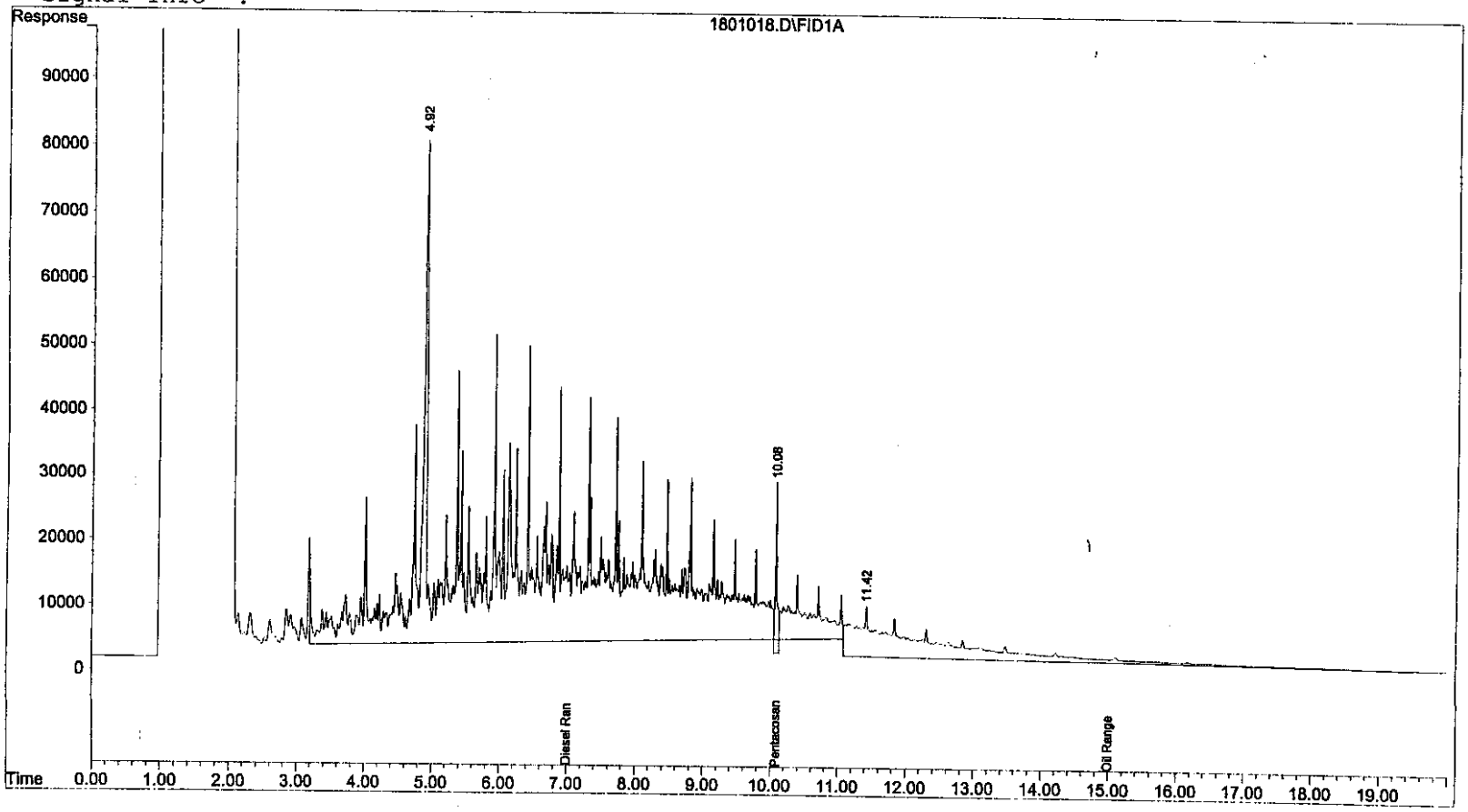
Surrogate standards were not recovered due to sample dilution. PL 07-01-05

(f)=RT Delta > 1/2 Window (m)=manual int.
1801018.D 050331.M Fri Jul 01 08:38:51 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1801018.D Vial: 18
Acq : 30 Jun 2005 22:10 Operator: KMI
Samp : 0506-1662 10K 07-01-05 Inst : FID3
Misc : B-48 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1901019.D Vial: 19
Acq On : 30 Jun 2005 22:36 Operator: KMI
Sample : 0506-1663 Inst : FID3
Misc : B-49 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1028400	25.751 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	103.00% 103%
Target Compounds			
2) H M Diesel Range Organics	7.00	398380	9.774 mg/L 10mg/kg
3) H Oil Range Organics	15.00	141874	3.481 mg/L

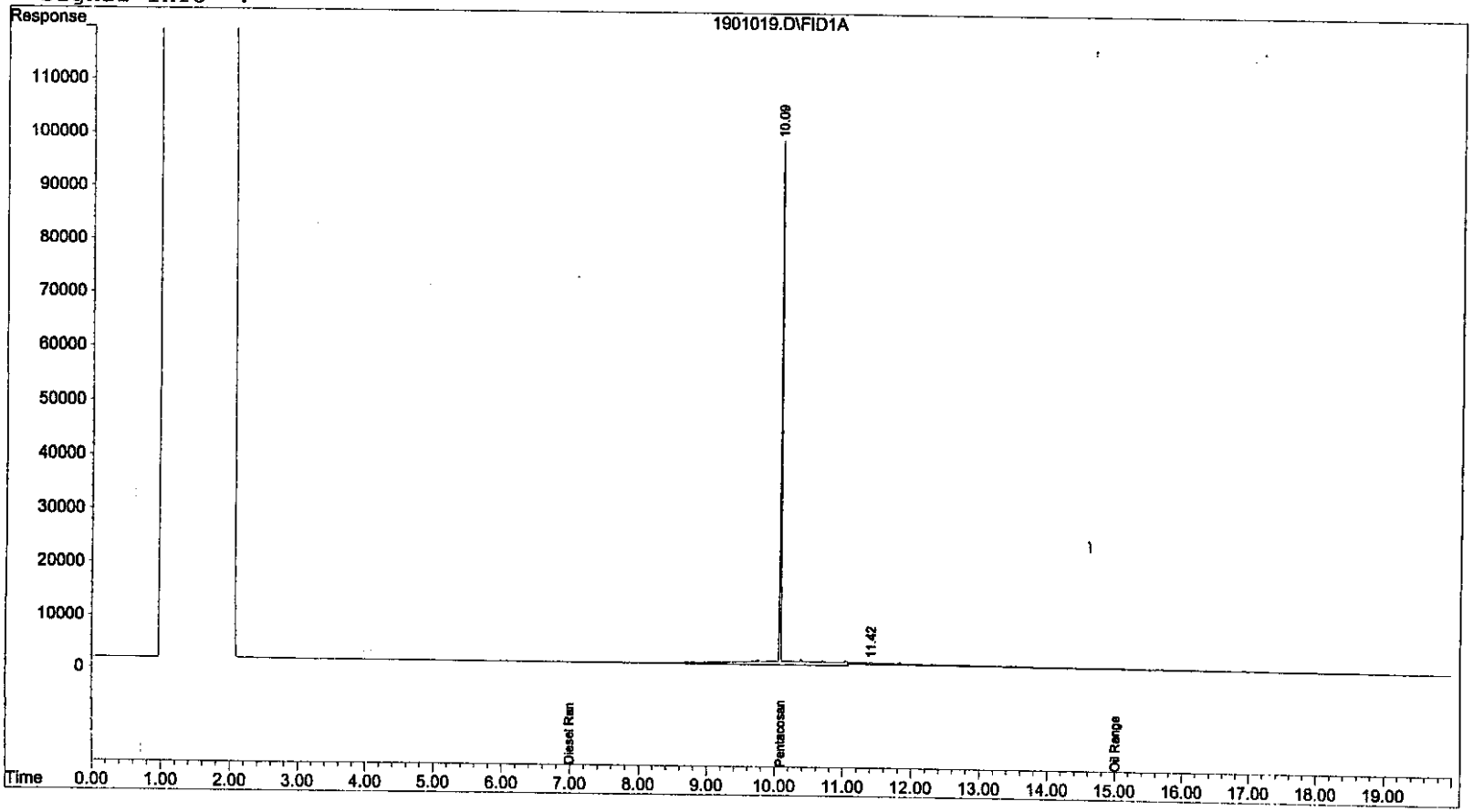
PR 07-01-05

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\1901019.D Vial: 19
Acq : 30 Jun 2005 22:36 Operator: KMI
Sample : 0506-1663 Inst : FID3
Misc : B-49 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2001020.D Vial: 20
Acq On : 30 Jun 2005 23:01 Operator: KMI
Sample : 0506-1664 Inst : FID3
Misc : B-50 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

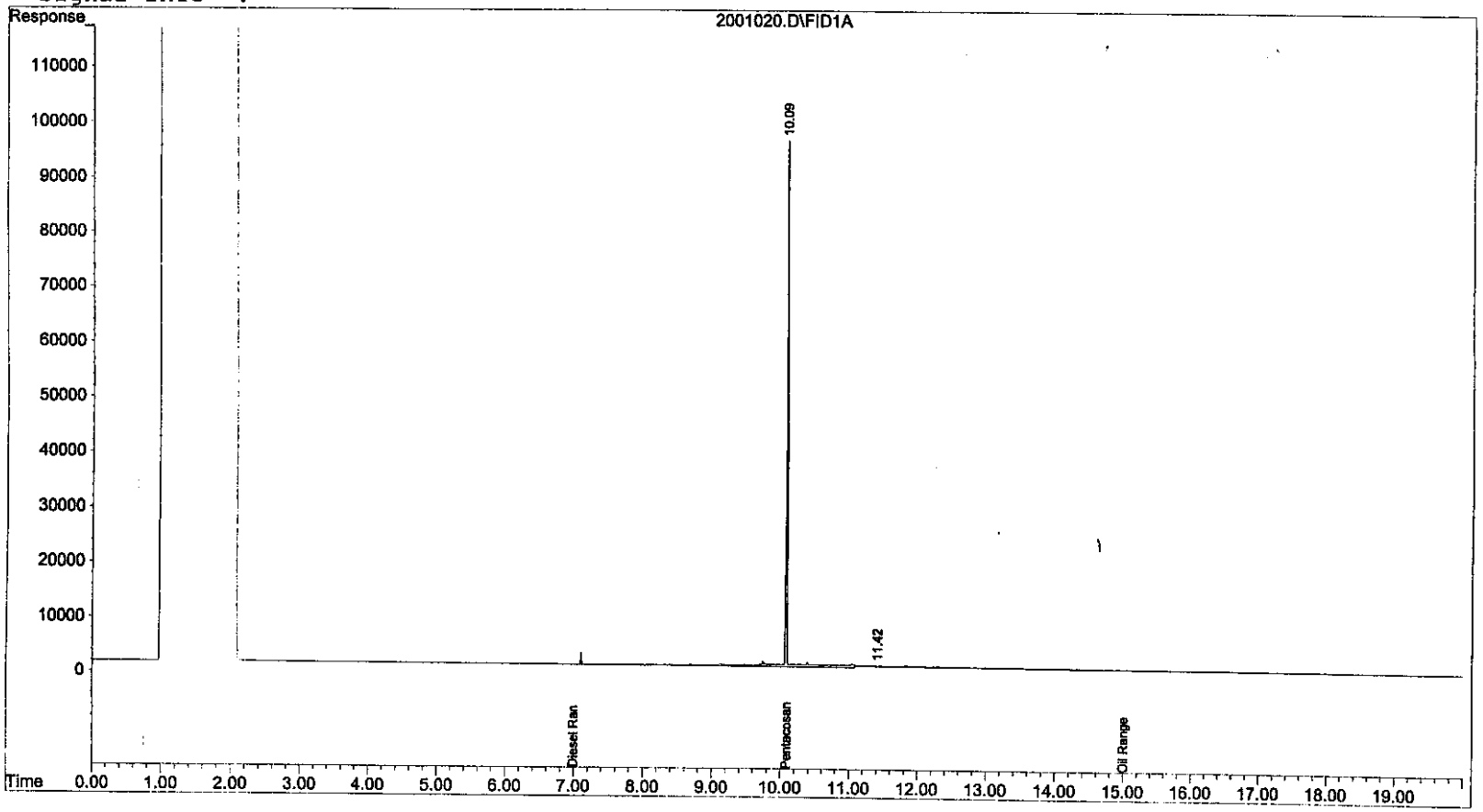
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	994442	24.900 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	99.60% 100%
Target Compounds			
2) H M Diesel Range Organics	7.00	107160	2.629 mg/L
3) H Oil Range Organics	15.00	42036	1.031 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2001020.D Vial: 20
Acq : 30 Jun 2005 23:01 Operator: KMI
Sample : 0506-1664 Inst : FID3
Misc : B-50 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2101021.D Vial: 21
Acq On : 30 Jun 2005 23:27 Operator: KMI
Sample : 0506-1665 Inst : FID3
Misc : DUP Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Ini
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

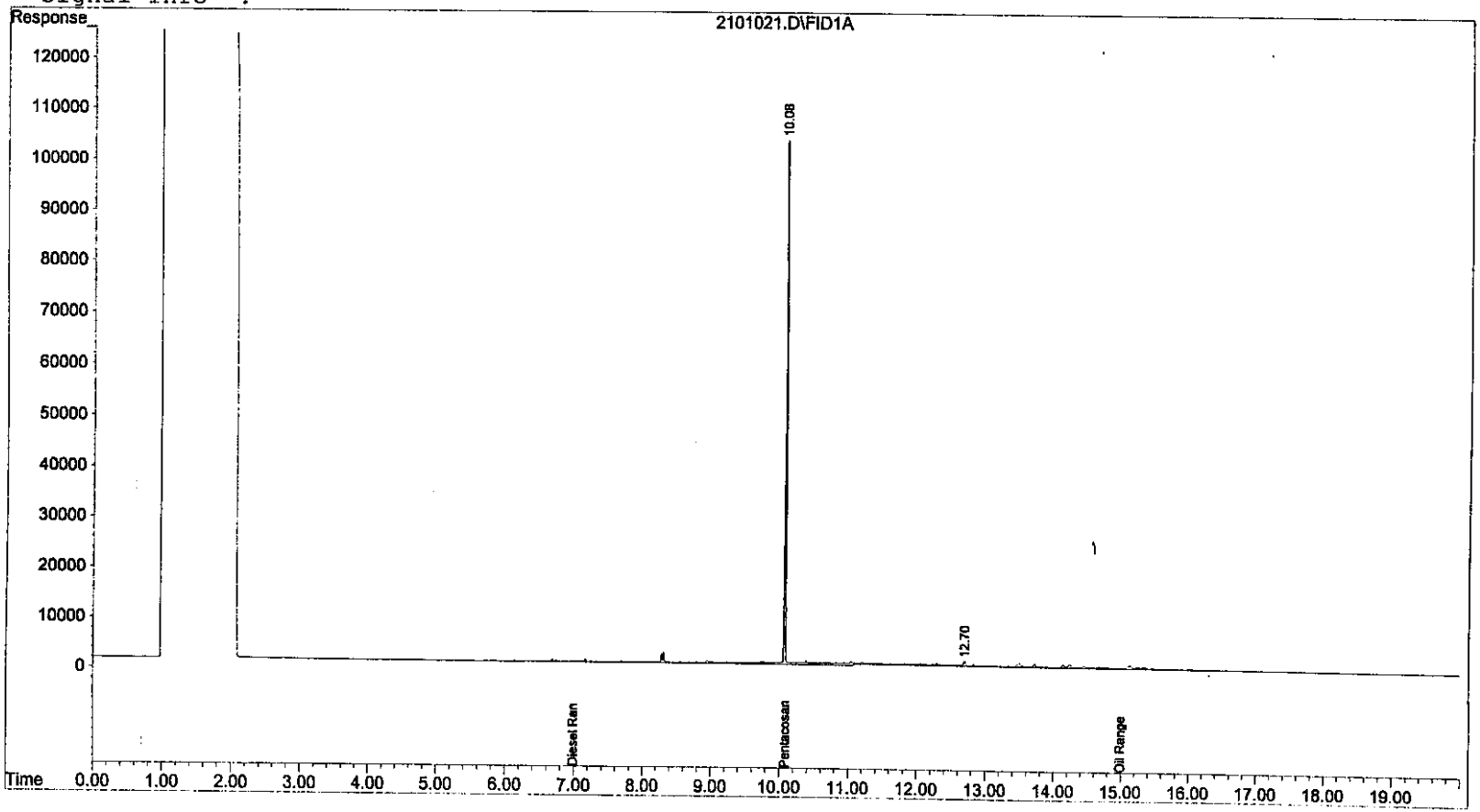
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1047669	26.233 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	104.93% 105%
Target Compounds			
2) H M Diesel Range Organics	7.00	171918	4.218 mg/L
3) H Oil Range Organics	15.00	288406	7.076 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2101021.D Vial: 21
Acq : 30 Jun 2005 23:27 Operator: KMI
Sample : 0506-1665 Inst : FID3
Misc : DUP Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2201022.D Vial: 22
Acq On : 30 Jun 2005 23:53 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

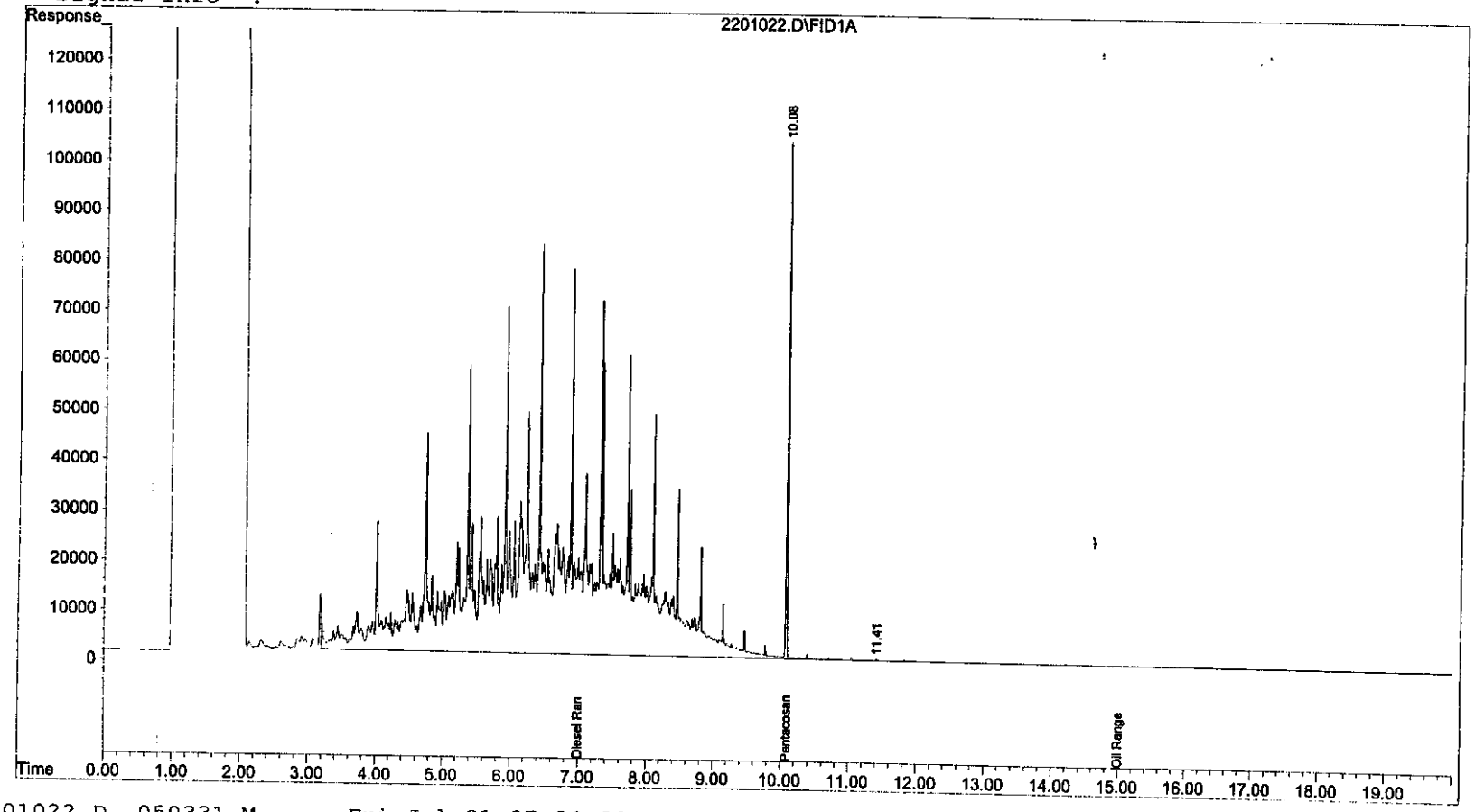
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1083439	27.129 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	108.52% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	43131577	1058.239 mg/L 100%
3) H Oil Range Organics	15.00	24929	0.612 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2201022.D Vial: 22
Acq : 30 Jun 2005 23:53 Operator: KMI
Sam : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2301023.D Vial: 23
Acq On : 01 Jul 2005 00:18 Operator: KMI
Sample : 0506-1658 ms Inst : FID3
Misc : B-43 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

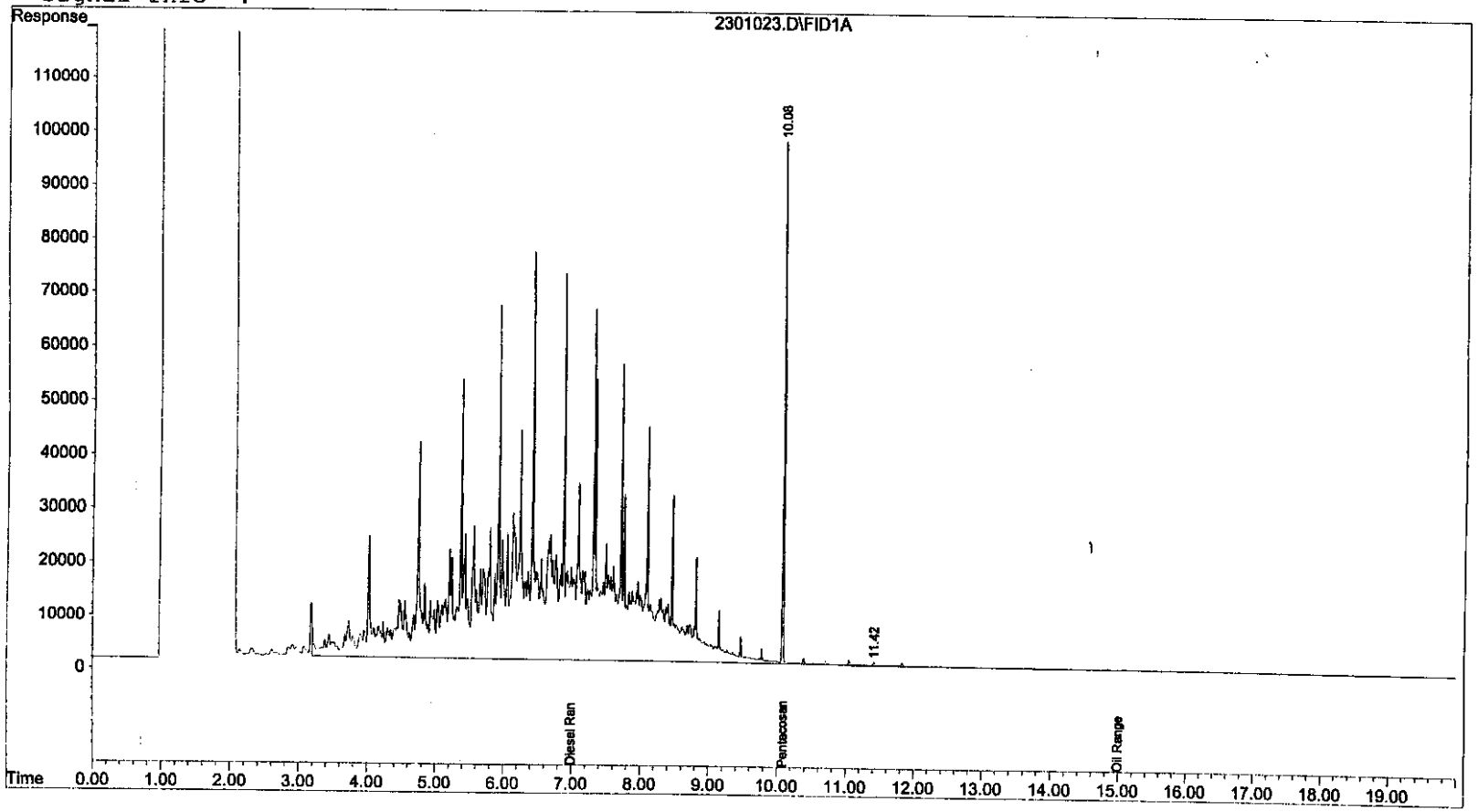
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1037661	25.983 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	103.93% 104%
Target Compounds			
2) H M Diesel Range Organics	7.00	39646447	972.730 mg/L 97%
3) H Oil Range Organics	15.00	58170	1.427 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2301023.D Vial: 23
Acq : 01 Jul 2005 00:18 Operator: KMI
Sample : 0506-1658 ms Inst : FID3
Misc : B-43 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2401024.D Vial: 24
Acq On : 01 Jul 2005 00:44 Operator: KMI
Sample : 0506-1658 msd Inst : FID3
Misc : B-43 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:30 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

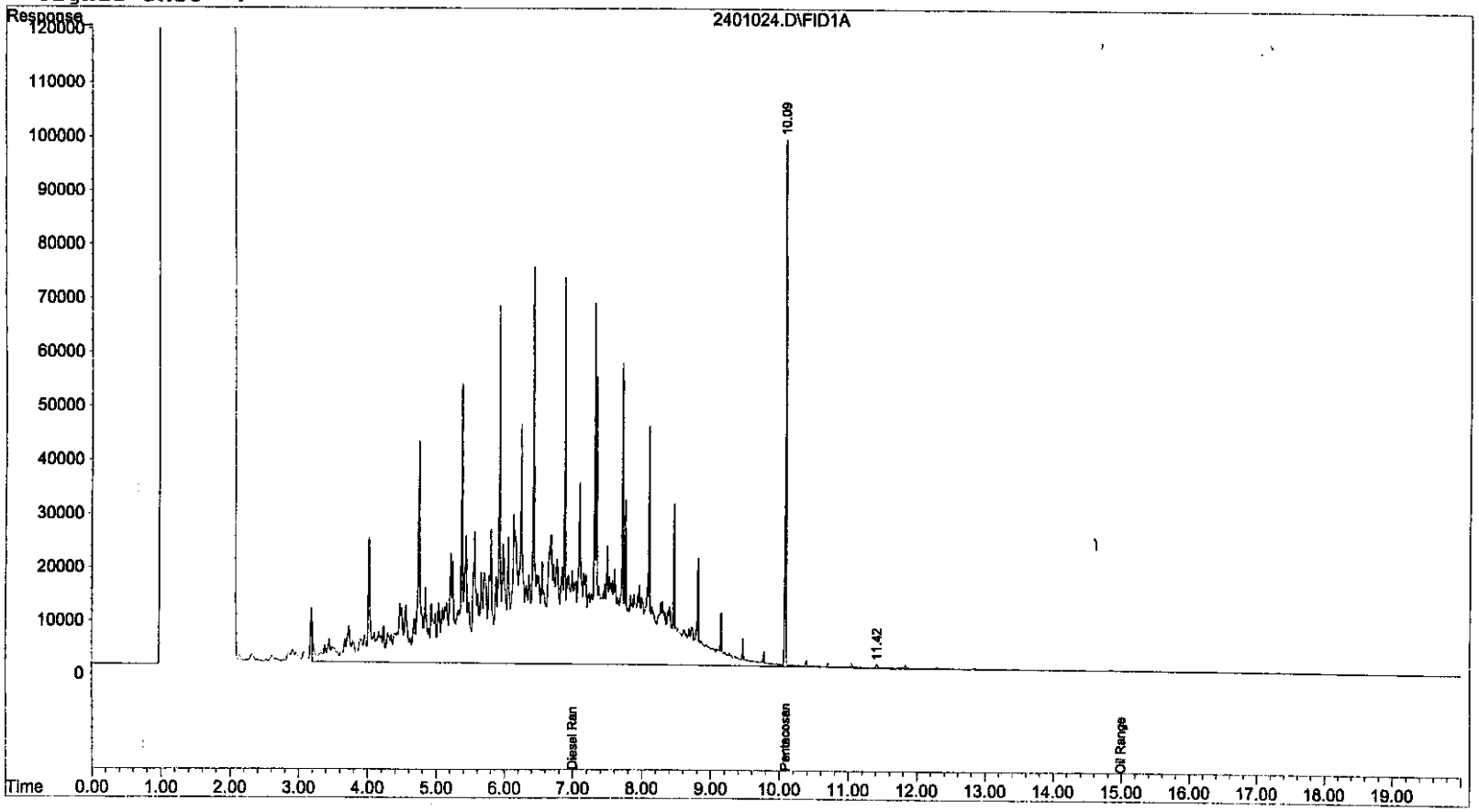
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1043589	26.131 mg/L 105%
Spiked Amount 25.000 Range 80 - 144		Recovery =	104.52%
Target Compounds			
2) H M Diesel Range Organics	7.00	39520115	969.631 mg/L 97%
3) H Oil Range Organics	15.00	68481	1.680 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2401024.D Vial: 24
Acq : 01 Jul 2005 00:44 Operator: KMI
Sample : 0506-1658 msd Inst : FID3
Misc : B-43 (4ft.) Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:30 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2501025.D Vial: 25
Acq On : 01 Jul 2005 1:10 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:30 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

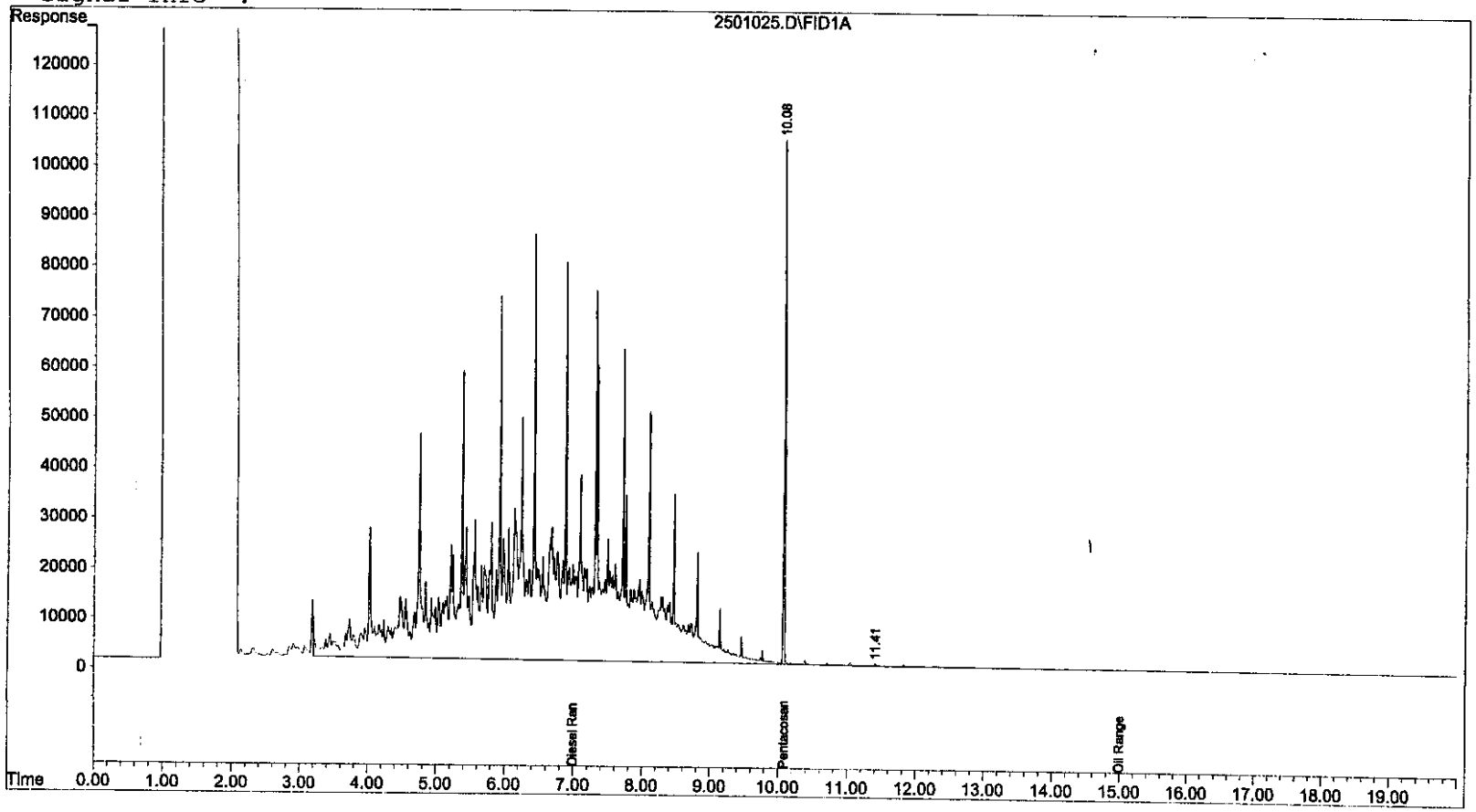
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1096396	27.453 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.81% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	43805320	1074.769 mg/L 107%
3) H Oil Range Organics	15.00	29325	0.719 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050630\2501025.D Vial: 25
Acq : 01 Jul 2005 1:10 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 1 8:30 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



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July 26, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on July 1, 2005. Please reference Pace project number 05-1579 when inquiring about this report.

Client Site: Corco Flores Park
Client Ref.: Corco

Pace Sample Identification	Client Sample Identification
J7-0012	B-51
0507-0013	B-52
0507-0014	B-53
0507-0015	B-54
0507-0016	B-55
0507-0017	B-56
0507-0018	B-57
0507-0019	B-58

Pace Sample Identification	Client Sample Identification
0507-0020	B-59
0507-0021	B-510
0507-0022	EB
0507-0023	FB
0507-0024	TB
0507-0025	EB-6
0507-0035	FB-6

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Milton Martinez Barreto
Project Manager

MMB: mmb

Enclosures

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1579**
Lab Sample ID: **0507-0012**
Client Sample ID: **B-51**
Sample Matrix: Solid

Client Site: Corco Flores Park
Client Ref.: Corco

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	2200	25	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	630	250	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/19/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330

(Continued)

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Lab Sample ID: **0507-0012**
Client Sample ID: B-51

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330

(Continued)

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Lab Sample ID: 0507-0012
Client Sample ID: B-51

Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	6.1	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(Continued)

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Lab Sample ID: **0507-0012**
Client Sample ID: B-51

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
4-Isopropyl toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methylene chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0012**
Client Sample ID: B-51

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The surrogate standards were not recovered due to sample dilution for 8015 DRO and ORO.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: **05-1579**
Lab Sample ID: **0507-0013**
Client Sample ID: **B-52**
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	4200	50	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	510	500	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/19/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330

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Lab Sample ID: 0507-0013
Client Sample ID: B-52

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330

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Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/19/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Isopropyl toluene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methylene chloride	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(Continued)

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Lab Sample ID: 0507-0013
Client Sample ID: B-52

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The surrogate standards were not recovered due to sample dilution for 8015 DRO and ORO.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: 05-1579
Lab Sample ID: 0507-0014
Client Sample ID: B-53
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	8500	200	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	2500	2000	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

(Continued)

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Lab Sample ID: 0507-0014
Client Sample ID: B-53

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<25	25	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Isopropyl toluene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methylene chloride	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(Continued)

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Lab Sample ID: **0507-0014**
Client Sample ID: B-53

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The surrogate standards were not recovered due to sample dilution for 8015 DRO and ORO. GRO sample was diluted due to foam-over during sparge.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: 05-1579
Lab Sample ID: 0507-0015
Client Sample ID: B-54
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	2000	5.0	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	870	50	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

(Continued)

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Lab Sample ID: 0507-0015
Client Sample ID: B-54

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

(Continued)

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Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: 0507-0015
Client Sample ID: B-54

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Isopropyl toluene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methylene chloride	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0015**
Client Sample ID: B-54

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interference and sample dilution.

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Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: 05-1579
Lab Sample ID: 0507-0016
Client Sample ID: B-55
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	28000	100	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	2900	1000	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<83000	83000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330

(Continued)

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Lab Sample ID: 0507-0016
Client Sample ID: B-55

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	27000	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	85000	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	28000	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	26000	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330

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Semivolatiles (Cont.)

Pyrene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<8300	8300	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	1300	100	mg/kg	RGG	07/07/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<10000	10000	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	16000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<10000	10000	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<10000	10000	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250

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Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	42000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<10000	10000	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Isopropyl toluene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<500
Methyl tert-butyl ether	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<10000	10000	ug/kg	RGG	07/14/2005	0002013-1	<250
Methylene chloride	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<500
Naphthalene	8260B(1)	25000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	5300	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<5000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	51000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	11000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250

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Client Sample ID: B-55

Volatiles (Cont.)

m,p-Xylene	8260B(1)	42000	10000	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	12000	5000	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The surrogate standards were not recovered due to sample dilution for 8015 DRO and ORO. The GRO surrogate recovery was outside of QC acceptance limits due to matrix interference.

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Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: 05-1579
Lab Sample ID: 0507-0017
Client Sample ID: B-56
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	8.8	5.0	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Anthracene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzidine	8270C(1)	<3300	3300	ug/kg	JDC	07/19/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Chrysene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
o-Cresol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330

(Continued)

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Lab Sample ID: 0507-0017
Client Sample ID: B-56

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4-Dinitrophenol	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
2,6-Dinitrotoluene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Fluoranthene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Fluorene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Isophorone	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Naphthalene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
3-Nitroaniline	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
2-Nitrophenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
Pentachlorophenol	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
Phenanthrene	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
Phenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330

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Semivolatiles (Cont.)

Pyrene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<830	830	ug/kg	JDC	07/19/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<330	330	ug/kg	JDC	07/19/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Butyl benzene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroform	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Client Sample ID: B-56

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
4-Isopropyl toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methylene chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Client Sample ID: B-56

Volatiles (Cont.)

m,p-Xylene	8260B[1]	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B[1]	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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AGES
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Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: **05-1579**
Lab Sample ID: **0507-0018**
Client Sample ID: **B-57**
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	3600	25	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	290	250	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Client Sample ID: B-57

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Lab Sample ID: 0507-0018
Client Sample ID: B-57

Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0018**
Client Sample ID: B-57

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
4-Isopropyl toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methylene chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0018**
Client Sample ID: B-57

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The surrogate standards were not recovered due to sample dilution for 8015 DRO and ORO.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: 05-1579
Lab Sample ID: 0507-0019
Client Sample ID: B-58
Sample Matrix: Solid

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	2000	25	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	550	250	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Client Sample ID: B-58

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Lab Sample ID: 0507-0019
Client Sample ID: B-58

Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0019**
Client Sample ID: B-58

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
4-Isopropyl toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methylene chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0019**
Client Sample ID: B-58

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The surrogate standards were not recovered due to sample dilution for 8015 DRO and ORO.

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Lab Project ID: **05-1579**
Lab Sample ID: **0507-0020**
Client Sample ID: **B-59**
Sample Matrix: Solid

Client Site: Corco Flores Park
Client Ref.: Corco

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	590	5.0	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	420	50	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Client Sample ID: B-59

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Lab Sample ID: **0507-0020**
Client Sample ID: B-59

Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/06/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0020**
Client Sample ID: B-59

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
4-Isopropyl toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Methyl tert-butyl ether	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methylene chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Naphthalene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

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Lab Sample ID: **0507-0020**
Client Sample ID: B-59

Volatiles (Cont.)

m,p-Xylene	8260B(1)	<500	500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B(1)	<250	250	ug/kg	RGG	07/14/2005	0002013-1	<250

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution.

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Mr. Dario Martinez
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Lab Project ID: 05-1579
Lab Sample ID: 0507-0021
Client Sample ID: B-510
Sample Matrix: Solid

Client Site: Corco Flores Park
Client Ref.: Corco

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	1600	5.0	mg/kg	KIS	07/07/2005	0001905-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	1300	50	mg/kg	KIS	07/07/2005	0001905-1	<50

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Acenaphthylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzidine	8270C(1)	<17000	17000	ug/kg	JDC	07/20/2005	0001952-1	<3300
Benzo(a)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(a)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(b)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(ghi)perylene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Benzo(k)fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethoxy)methane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroethyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Chloroisopropyl)ether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Bis(2-Ethylhexyl)phthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Bromophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Butylbenzylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloro-3-methylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chloroaniline	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chloronaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Chlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Chlorophenyl-phenylether	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Chrysene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
o-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
m,p-Cresol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-butylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Di-n-octylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dibenz(a,h)anthracene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Lab Sample ID: **0507-0021**
Client Sample ID: B-510

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,3-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,4-Dichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
3,3'-Dichlorobenzidine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Diethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4-Dimethylphenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Dimethylphthalate	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4,6-Dinitro-2-methylphenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,6-Dinitrotoluene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2-Diphenylhydrazine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluoranthene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Fluorene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorobutadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachlorocyclopentadiene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Hexachloroethane	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Indeno(1,2,3-cd)pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Isophorone	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Methylnaphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodi-n-propylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodimethylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
N-nitrosodiphenylamine	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Naphthalene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
3-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
4-Nitroaniline	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Nitrobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2-Nitrophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
4-Nitrophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Pentachlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
Phenanthrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
Phenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

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Semivolatiles (Cont.)

Pyrene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
1,2,4-Trichlorobenzene	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330
2,4,5-Trichlorophenol	8270C(1)	<3300	3300	ug/kg	JDC	07/20/2005	0001952-1	<830
2,4,6-Trichlorophenol	8270C(1)	<1700	1700	ug/kg	JDC	07/20/2005	0001952-1	<330

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<25	25	mg/kg	RGG	07/07/2005	0001919-1	<5.0
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<2500	2500	ug/kg	RGG	07/14/2005	0002013-1	<500
Benzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromochloromethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromodichloromethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromoform	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Bromomethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Butanone	8260B(1)	<2500	2500	ug/kg	RGG	07/14/2005	0002013-1	<500
n-Butyl benzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
sec-Butyl benzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
tert-Butyl benzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Carbon Tetrachloride	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Chlorobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloroethane	8260B(1)	<2500	2500	ug/kg	RGG	07/14/2005	0002013-1	<500
Chloroform	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Chloromethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Chlorotoluene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Chlorotoluene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Cumene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromo-3-chloropropane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromochloromethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dibromoethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Dibromomethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichlorobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichlorobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,4-Dichlorobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250

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Client Sample ID: B-510

Volatiles (Cont.)

Dichlorodifluoromethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloroethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloroethene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,2-Dichloroethene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,2-Dichloroethene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2-Dichloropropane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3-Dichloropropane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
2,2-Dichloropropane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1-Dichloropropene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
cis-1,3-Dichloropropene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
trans-1,3-Dichloropropene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Ethylbenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Hexachlorobutadiene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
2-Hexanone	8260B(1)	<2500	2500	ug/kg	RGG	07/14/2005	0002013-1	<500
4-Isopropyl toluene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Methyl tert-butyl ether	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
4-Methyl-2-pentanone	8260B(1)	<2500	2500	ug/kg	RGG	07/14/2005	0002013-1	<500
Methylene chloride	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Naphthalene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
n-Propylbenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Styrene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1,2-Tetrachloroethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2,2-Tetrachloroethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Tetrachloroethene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Toluene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichlorobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trichlorobenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,1-Trichloroethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,1,2-Trichloroethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichloroethene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Trichlorofluoromethane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,3-Trichloropropane	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,2,4-Trimethylbenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
1,3,5-Trimethylbenzene	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250
Vinyl chloride	8260B(1)	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250

(Continued)

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Lab Sample ID: **0507-0021**
Client Sample ID: B-510

Volatiles (Cont.)

m,p-Xylene	8260B[1]	<2500	2500	ug/kg	RGG	07/14/2005	0002013-1	<500
o-Xylene	8260B[1]	<1300	1300	ug/kg	RGG	07/14/2005	0002013-1	<250

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Low surrogate recovery for 8270 due to matrix interfence and sample dilution. The GRO sample was diluted due to foam-over during sparge. Necessary dilution for 8260 due to the foamy nature of the sample.

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Dorado, PR 00646-1054

Client Site: Corco Flores Park
Client Ref.: Corco

Lab Project ID: 05-1579
Lab Sample ID: 0507-0022
Client Sample ID: EB
Sample Matrix: Aqueous

Date Sampled: 07/01/2005
Date Received: 07/01/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/06/2005	0001921-1	<0.10
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
Benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromochloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromodichloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromoform	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromomethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Butanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
n-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
sec-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
tert-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Carbon Tetrachloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloroform	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Chlorotoluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
4-Chlorotoluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Cumene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dibromo-3-chloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dibromochloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dibromoethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dibromomethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,4-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dichlorodifluoromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0

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Lab Sample ID: **0507-0022**
Client Sample ID: EB

Volatiles (Cont.)

cis-1,2-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
trans-1,2-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
cis-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
trans-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Ethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Hexachlorobutadiene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Hexanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
4-Isopropyl toluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Methyl tert-butyl ether	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
4-Methyl-2-pentanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
Methylene chloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Naphthalene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
n-Propylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Styrene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,1,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,2,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Tetrachloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Toluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,3-Trichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,4-Trichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,1-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,2-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Trichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Trichlorofluoromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,3-Trichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,4-Trimethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3,5-Trimethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Vinyl chloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
m,p-Xylene	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
o-Xylene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 05-1579
Lab Sample ID: 0507-0023
Client Sample ID: FB
Sample Matrix: Aqueous

Client Site: Corco Flores Park
Client Ref.: Corco

Date Sampled: 07/01/2005
Date Received: 07/01/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/06/2005	0001921-1	<0.10
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
Benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromochloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromodichloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromoform	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromomethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Butanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
n-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
sec-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
tert-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Carbon Tetrachloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloroform	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Chlorotoluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
4-Chlorotoluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Cumene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dibromo-3-chloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dibromochloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dibromoethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dibromomethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,4-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dichlorodifluoromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0

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Lab Sample ID: **0507-0023**
Client Sample ID: FB

Volatiles (Cont.)

cis-1,2-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
trans-1,2-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
cis-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
trans-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Ethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Hexachlorobutadiene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Hexanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
4-Isopropyl toluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Methyl tert-butyl ether	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
4-Methyl-2-pentanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
Methylene chloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Naphthalene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
n-Propylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Styrene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,1,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,2,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Tetrachloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Toluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,3-Trichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,4-Trichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,1-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,2-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Trichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Trichlorofluoromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,3-Trichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,4-Trimethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3,5-Trimethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Vinyl chloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
m,p-Xylene	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
o-Xylene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 05-1579
Lab Sample ID: 0507-0024
Client Sample ID: TB
Sample Matrix: Aqueous

Client Site: Corco Flores Park
Client Ref.: Corco

Date Sampled: 07/01/2005
Date Received: 07/01/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/06/2005	0001921-1	<0.10
Volatile Organic Compounds, MS								
Acetone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
Benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromochloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromodichloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromoform	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Bromomethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Butanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
n-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
sec-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
tert-Butyl benzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Carbon Tetrachloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloroform	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Chloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Chlorotoluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
4-Chlorotoluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Cumene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dibromo-3-chloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dibromochloromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dibromoethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dibromomethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,4-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Dichlorodifluoromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0

(Continued)

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Lab Sample ID: 0507-0024
Client Sample ID: TB

Volatiles (Cont.)

cis-1,2-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
trans-1,2-Dichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
cis-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
trans-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Ethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Hexachlorobutadiene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
2-Hexanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
4-Isopropyl toluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Methyl tert-butyl ether	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
4-Methyl-2-pentanone	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
Methylene chloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Naphthalene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
n-Propylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Styrene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,1,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,2,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Tetrachloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Toluene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,3-Trichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,4-Trichlorobenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,1-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,1,2-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Trichloroethene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Trichlorofluoromethane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,3-Trichloropropane	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,2,4-Trimethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
1,3,5-Trimethylbenzene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
Vinyl chloride	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0
m,p-Xylene	8260B(1)	<10	10	ug/l	RGG	07/11/2005	0001970-1	<10
o-Xylene	8260B(1)	<5.0	5.0	ug/l	RGG	07/11/2005	0001970-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Sample ID: **0507-0025**
Client Sample ID: EB-6

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,2-Dichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,3-Dichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,4-Dichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
3,3'-Dichlorobenzidine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,4-Dichlorophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Diethylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,4-Dimethylphenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Dimethylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4,6-Dinitro-2-methylphenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
2,4-Dinitrophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
2,4-Dinitrotoluene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,6-Dinitrotoluene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,2-Diphenylhydrazine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Fluoranthene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Fluorene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachlorobutadiene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachlorocyclopentadiene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachloroethane	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Indeno(1,2,3-cd)pyrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Isophorone	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Methylnaphthalene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
N-nitrosodi-n-propylamine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
N-nitrosodimethylamine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
N-nitrosodiphenylamine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Naphthalene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Nitroaniline	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
3-Nitroaniline	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
4-Nitroaniline	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
Nitrobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Nitrophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4-Nitrophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
Pentachlorophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
Phenanthrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Phenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10

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Lab Sample ID: **0507-0025**
Client Sample ID: EB-6

Semivolatiles (Cont.)

Pyrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,2,4-Trichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,4,5-Trichlorophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
2,4,6-Trichlorophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. The 8270 SVOA results should be considered as estimated. LCS/LCSD and CCC's did not meet QC acceptance criteria.

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Lab Project ID: **05-1579**
Lab Sample ID: **0507-0035**
Client Sample ID: **FB-6**
Sample Matrix: Aqueous

Client Site: Corco Flores Park
Client Ref.: Corco

Date Sampled: 07/01/2005
Date Received: 07/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/07/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/07/2005	0001904-1	<5.0

Semivolatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Semivolatile Organic Compounds, GC/MS								
Acenaphthene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Acenaphthylene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Anthracene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Benzidine	8270C(1)	<400	400	ug/l	KIS	07/11/2005	0001908-1	<100
Benzo(a)anthracene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Benzo(a)pyrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Benzo(b)fluoranthene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Benzo(ghi)perylene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Benzo(k)fluoranthene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Bis(2-Chloroethoxy)methane	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Bis(2-Chloroethyl)ether	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Bis(2-Chloroisopropyl)ether	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Bis(2-Ethylhexyl)phthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4-Bromophenyl-phenylether	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Butylbenzylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4-Chloro-3-methylphenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4-Chloroaniline	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Chloronaphthalene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Chlorophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4-Chlorophenyl-phenylether	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Chrysene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
o-Cresol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
m,p-Cresol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Di-n-butylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Di-n-octylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Dibenz(a,h)anthracene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10

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El Retiro Industrial Zone
Calle B&C, P.O. Box 325
San German, PR 00683
Phone: 787.892.2650
Fax: 787.892.1054
www.pacelabs.com

Lab Sample ID: **0507-0035**
Client Sample ID: FB-6

Semivolatiles (Cont.)

Dibenzofuran	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,2-Dichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,3-Dichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,4-Dichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
3,3'-Dichlorobenzidine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,4-Dichlorophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Diethylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,4-Dimethylphenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Dimethylphthalate	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4,6-Dinitro-2-methylphenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
2,4-Dinitrophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
2,4-Dinitrotoluene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,6-Dinitrotoluene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,2-Diphenylhydrazine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Fluoranthene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Fluorene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachlorobutadiene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachlorocyclopentadiene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Hexachloroethane	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Indeno(1,2,3-cd)pyrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Isophorone	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Methylnaphthalene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
N-nitrosodi-n-propylamine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
N-nitrosodimethylamine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
N-nitrosodiphenylamine	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Naphthalene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Nitroaniline	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
3-Nitroaniline	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
4-Nitroaniline	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
Nitrobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2-Nitrophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
4-Nitrophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
Pentachlorophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
Phenanthrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
Phenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10

(Continued)

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
QUIMICO LICENCIADO

Pace Analytical®
www.pacelabs.com

Pace Analytical, Inc.
Puerto Rico Laboratory
El Retiro Industrial Zone
Calle B&C, P.O. Box 325
San German, PR 00683
Phone: 787.892.2650
Fax: 787.892.1054
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Lab Sample ID: **0507-0035**
Client Sample ID: FB-6

Semivolatiles (Cont.)

Pyrene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
1,2,4-Trichlorobenzene	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10
2,4,5-Trichlorophenol	8270C(1)	<80	80	ug/l	KIS	07/11/2005	0001908-1	<25
2,4,6-Trichlorophenol	8270C(1)	<40	40	ug/l	KIS	07/11/2005	0001908-1	<10

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. The 8270 SVOA results should be considered as estimated. LCS/LCSD and CCC's did not meet QC acceptance criteria.

Approved by: _____ Date: 07/26/05

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
1032735
QUÍMICO LICENCIADO

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CHAIN OF CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

907729

Section A Required Client Information:

Company: AGES Inc
Address: PO Box 1054
Ponce PR 00696-1054
Email To: AGES@Coqui.net
Phone: 870-3100 Fax: 870-3110
Requested Due Date/TAT:

Section B Required Project Information:

Report To: AGES
Copy To:
Purchase Order No.:
Project Name: Coco Flores Park
Project Number:

Section C Invoice Information:

Attention: AGES
Company Name: AGES
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ Other Soil Bioassay

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: GC	DRO	OCC	PCB	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	B-51 BT	SL	G			7/1/05	9:50		1	X								X	X	X	X	X	X	0012 0504-1525
2	B-52	SL					9:55		1	X								X	X	X	X	X	X	0013 1534
3	B-53	SL					10:05		1	X								X	X	X	X	X	X	0014
4	B-54	SL					10:10		1	X								X	X	X	X	X	X	0015
5	B-55	SL					10:15		1	X								X	X	X	X	X	X	0016
6	B-56	SL					10:20		1	X								X	X	X	X	X	X	0017
7	B-57	SL					10:35		1	X								X	X	X	X	X	X	0018
8	B-58	SL					10:40		1	X								X	X	X	X	X	X	0019
9	~~B-59~~ 7/1/05	SL																						
10	B-59 BT	SL					10:50		1	X								X	X	X	X	X	X	0020
11	B-51 BT	SL					9:51		1	X								X	X	X	X	X	X	0021
12	EB B pv	WT					9:00		4				X					X		X		X		0022

Additional Comments:
PLS Send GC Chromatograms
QA/QC, Calibration Curves

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	7/1/05	1:00p	Donald A. Ortiz / AGES	7/1/05	1:00p
Donald A. Ortiz	7/1/05	1:25p	[signature]	7/1/05	1:25p
[signature]	7/1/05	2:00p	[signature]	7/1/05	1400

SAMPLE CONDITION: Temp in °C: 3°; Received on Ice Y/N: Y; Custody Sealed Cooler Y/N: Y; Samples Intact Y/N: Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Joaquin A. Vargas
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 7/1/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

Pace Analytical

PACE ANALYTICAL DEL CARIBE
P.O. Box 325, San Germán, Puerto Rico 00683

ıook for: **LOG BOOK FOR HP 5890A Series II GC/MS** Instrument ID: **PADC-MS-003** S/N:GC-3336A60678, MS-3524A03030 Book No.: 1

ne #	Project Number	Lab. Sample Number	pH (as received)	Batch #	ALS Position	Analysis Method	Sample Weight (g) / Volume (mL)	Dilution Factor	Run Date	By	Comments
1	NA	Tune Mix	NA	NA	2	8270	NA	1	7/20/05	JC	
2	NA	50 ppm	NA	NA	3	8270	NA	1	↓	↓	
3	05-1579	-0016	NA	1952	4	8270	30.07	25	↓①	↓①	
4						8270					
5						8270					
6						8270					
7						8270					
8						8270					
9						8270					
0						8270					
1						8270					
2						8270					
3						8270					
4						8270					
5						8270					
6						8270					
7						8270					
8						8270					

JC 7/20/05

NA

rogate ID: SVMS-S-1-003 (3) CCV/LCS/MS/MSD Spike ID: SVMS-S-1-021 (2) ICV Spike ID: NA $MeCl_2$ ID: 042008

rogate ID: NA CCV/LCS/MS/MSD Spike ID: NA ICV Spike ID: NA $MeCl_2$ ID: NA

rogate ID: NA CCV/LCS/MS/MSD Spike ID: NA ICV Spike ID: NA $MeCl_2$ ID: NA

① = JC 7/20/05

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\072005\0301003.D Vial: 3
Acq On : 20 Jul 2005 1:34 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 14:20 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.71	152	617802	20.00 ppm	0.04
18) Naphthalene-d8	16.13	136	2426924	20.00 ppm	0.06
35) Acenaphthene-d10	24.53	164	1274688	20.00 ppm	0.04
57) Phenanthrene-d10	29.21	188	1925937	20.00 ppm	0.04
69) Chrysene-d12	36.35	240	1620328	20.00 ppm	0.07
78) Perylene-d12	40.29	264	1727022	20.00 ppm	0.06
System Monitoring Compounds					
4) 2-Fluorophenol	6.53	112	2353016	51.90 ppm	0.04
Spiked Amount 50.000	Range 21 - 100		Recovery = 103.80%#		
6) Phenol-d6	9.82	99	2888081	50.40 ppm	0.06
Spiked Amount 50.000	Range 10 - 94		Recovery = 100.80%#		
19) Nitrobenzene-d5	13.09	82	2228533	51.74 ppm	0.06
Spiked Amount 50.000	Range 35 - 114		Recovery = 103.48%		
39) 2-Fluorobiphenyl	21.98	172	3871897	51.11 ppm	0.06
Spiked Amount 50.000	Range 43 - 116		Recovery = 102.22%		
61) 2,4,6-Tribromophenol	27.24	330	930014	60.29 ppm	0.04
Spiked Amount 50.000	Range 10 - 123		Recovery = 120.58%		
72) p-Terphenyl-d14	33.59	244	3637805	49.55 ppm	0.04
Spiked Amount 50.000	Range 33 - 141		Recovery = 99.10%		

Target Compounds					Qvalue
2) Pyridine	3.52	79	2629756m	55.19 ppm	
3) N-Nitrosodimethylamine	3.56	74	1635705	50.16 ppm	82
5) Bis(2-chloroethyl)ether	9.97	93	2309186	47.84 ppm	100
7) Phenol	9.88	94	2863583	52.03 ppm	93
8) 2-Chlorophenol	9.99	128	2241719	51.66 ppm	97
9) 1,3-Dichlorobenzene	10.47	146	2292951	50.35 ppm	99
10) 1,4-Dichlorobenzene	10.78	146	2402145	51.74 ppm	99
11) 1,2-Dichlorobenzene	11.35	146	2186966	51.38 ppm	90
12) Benzyl alcohol	11.57	108	1479341	54.55 ppm	89
13) Bis(2-chloroisopropyl)ethe	12.10	45	3426813	45.96 ppm	90
14) 2-Methylphenol	12.20	108	2084420	50.82 ppm	98
15) Hexachloroethane	12.67	117	949092	52.54 ppm	91
16) N-nitroso-di-n-propylamine	12.75	70	1486050	47.59 ppm	96
17) 3 & 4-Methylphenol	12.97	107	4631676	101.32 ppm	97
20) Nitrobenzene	13.19	77	2029154	47.29 ppm	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\072005\0301003.D Vial: 3
Acq On : 20 Jul 2005 1:34 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 14:20 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21)	Isophorone	14.35	82	4222940	48.37 ppm		92
22)	2-Nitrophenol	14.57	139	1331571	51.87 ppm		95
23)	2,4-Dimethylphenol	15.20	107	2085942	51.51 ppm		99
24)	Bis(2-chloroethoxy)methane	15.53	93	2879917	48.18 ppm		97
25)	2,4-Dichlorophenol	15.78	162	1688619	53.65 ppm		94
26)	Benzoic acid	15.20	122	1921653	49.86 ppm		94
27)	1,2,4-Trichlorobenzene	15.96	180	1730502	51.95 ppm		91
28)	Naphthalene	16.24	128	5753398	49.68 ppm		95
29)	2,6-Dichlorophenol	16.77	162	1698605	52.80 ppm		96
30)	4-Chloroaniline	16.79	127	2515280	54.66 ppm		97
1)	Hexachlorobutadiene	17.01	225	864185	57.16 ppm		93
32)	4-Chloro-3-methylphenol	19.62	107	1800708	54.26 ppm	#	81
33)	2-Methylnaphthalene	19.75	142	3753988	48.40 ppm		99
34)	1-Methylnaphthalene	20.30	142	3736275	50.56 ppm		93
36)	Hexachlorocyclopentadiene	20.79	237	655317	43.05 ppm		99
37)	2,4,6-Trichlorophenol	21.59	196	1076773	53.36 ppm		94
38)	2,4,5-Trichlorophenol	21.76	196	1164411	55.85 ppm		96
40)	2-Chloronaphthalene	22.29	162	3962866	52.10 ppm		92
41)	2-Nitroaniline	23.04	65	1098818	51.13 ppm		90
42)	Acenaphthylene	23.97	152	5433277	49.19 ppm		99
43)	Dimethyl phthalate	24.01	163	4036454	51.03 ppm		97
44)	1,3-Dinitrobenzene	23.98	168	854759	52.45 ppm		93
45)	2,6-Dinitrotoluene	24.13	165	1113123	50.86 ppm		93
46)	Acenaphthene	24.66	153	3449565	50.03 ppm		92
47)	3-Nitroaniline	24.70	138	1232142	52.80 ppm		91
48)	2,4-Dinitrophenol	25.08	184	365793	39.66 ppm		84
49)	Dibenzofuran	25.31	168	4895341	51.48 ppm		96
50)	2,4-Dinitrotoluene	25.54	165	1494839	53.14 ppm	#	70
51)	Pentachlorobenzene	25.17	250	1492154	55.49 ppm	#	93
52)	4-Nitrophenol	25.65	139	818766	49.10 ppm	#	75
53)	Fluorene	26.44	166	3856573	51.19 ppm		99
54)	4-Chlorophenyl phenyl ethe	26.57	204	1706744	54.69 ppm		97
55)	Diethyl phthalate	26.46	149	4207142	51.21 ppm		95
56)	4-Nitroaniline	26.81	138	1258066	50.29 ppm		84
8)	1,2-Diphenylhydrazine	27.06	77	4419640	47.94 ppm		90
59)	4,6-Dinitro-2-methylphenol	26.86	198	764665	44.95 ppm		84
60)	N-Nitrosodiphenylamine	27.03	169	3215323	50.27 ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\072005\0301003.D
Acq On : 20 Jul 2005 1:34 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 20 14:20 19105

Vial: 3
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
62)	4-Bromophenyl phenyl ether	28.04	248	1082652	52.49 ppm		96
63)	Hexachlorobenzene	28.13	284	1337730	54.25 ppm		89
64)	Pentachlorophenol	28.82	266	588667	45.60 ppm		96
65)	Phenanthrene	29.30	178	5166195	48.47 ppm		99
66)	Anthracene	29.44	178	5357621	49.83 ppm		99
67)	Di-n-butylphthalate	31.10	149	7440754	48.40 ppm		99
68)	Fluoranthene	32.50	202	4958351	50.17 ppm		94
70)	Benzidine	32.98	184	2895195	43.60 ppm	#	94
71)	Pyrene	33.08	202	5246444	47.14 ppm		93
73)	Butyl benzyl phthalate	34.94	149	3369677	46.37 ppm		91
74)	3,3'-Dichlorobenzidine	36.34	252	1936938	56.74 ppm		94
[illegible])	Benzo(a)anthracene	36.31	228	4773353	47.44 ppm		99
76)	Chrysene	36.44	228	4664314	49.72 ppm		99
77)	bis(2-Ethylhexyl)phthalate	36.64	149	4884194	46.34 ppm		98
79)	Di-n-octyl phthalate	38.65	149	7842144	45.91 ppm		100
80)	Benzo(b)fluoranthene	39.44	252	5569635	48.47 ppm		93
81)	Benzo(k)fluoranthene	39.52	252	4416975	48.51 ppm		90
82)	Benzo(a)pyrene	40.19	252	4802872	49.80 ppm		92
83)	Indeno(1,2,3-cd)pyrene	42.53	276	5781578	51.13 ppm		89
84)	Dibenzo(a,h)anthracene	42.59	278	4799335	50.91 ppm		92
85)	Benzo(ghi)perylene	43.14	276	4946419	50.77 ppm		93

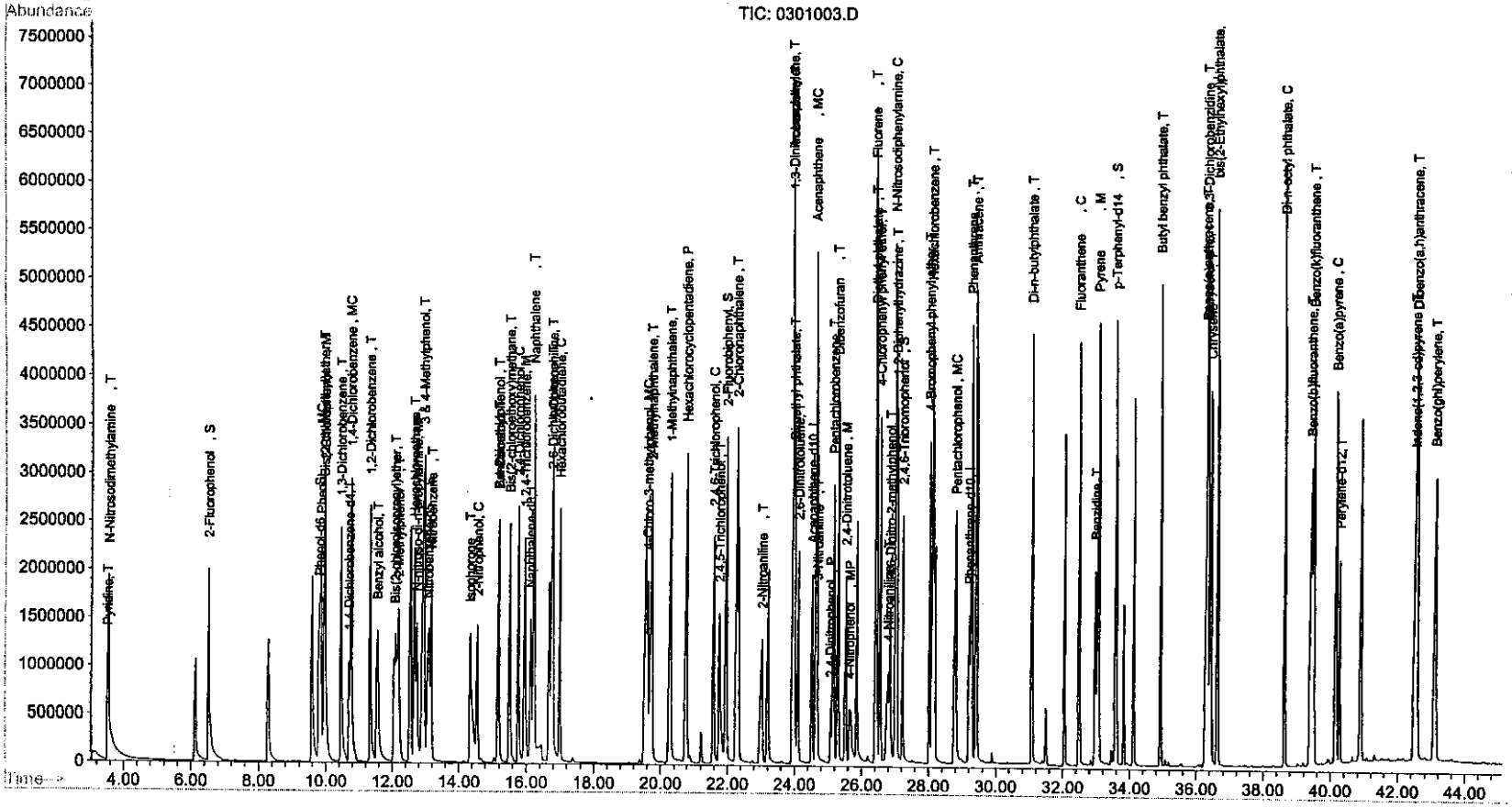
(#) = qualifier out of range (m) = manual integration

Data F : C:\HPCHEM\1\DATA\072005\0301003.D
Acq On : 20 Jul 2005 1:34 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 20 14:20 19105

Vial: 3
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\072005\0401001.D
Acq On : 20 Jul 2005 2:42 pm
Sample : 05-1579-0016
Misc : RR-25X
MS Integration Params: RTEINT.P
Quant Time: Jul 20 15:29 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

25X

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.71	152	662078	20.00 ppm	0.04
18) Naphthalene-d8	16.15	136	2556493	20.00 ppm	0.07
35) Acenaphthene-d10	24.58	164	1359190	20.00 ppm	0.09
57) Phenanthrene-d10	29.25	188	2117163	20.00 ppm	0.08
69) Chrysene-d12	36.37	240	1839867	20.00 ppm	0.08
78) Perylene-d12	40.31	264	1738509	20.00 ppm	0.08

System Monitoring Compounds					
4) 2-Fluorophenol	6.49	112	1234	0.03 ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery = 0.06%#		
6) Phenol-d6	9.82	99	54077	0.88 ppm	0.05
Spiked Amount 50.000	Range 10 - 94		Recovery = 1.76%#		
19) Nitrobenzene-d5	13.09	82	85137	1.88 ppm	0.05
Spiked Amount 50.000	Range 35 - 114		Recovery = 3.76%#		
39) 2-Fluorobiphenyl	21.97	172	132190	1.64 ppm	0.05
Spiked Amount 50.000	Range 43 - 116		Recovery = 3.28%#		
61) 2,4,6-Tribromophenol	27.28	330	25596	1.51 ppm	0.08
Spiked Amount 50.000	Range 10 - 123		Recovery = 3.02%#		
72) p-Terphenyl-d14	33.62	244	141731	1.70 ppm	0.07
Spiked Amount 50.000	Range 33 - 141		Recovery = 3.40%#		

Target Compounds				Qvalue
2) Pyridine	3.65	79	499	N.D.
3) N-Nitrosodimethylamine	3.20	74	1836	N.D.
5) Bis(2-chloroethyl)ether	9.97	93	1084	N.D.
7) Phenol	9.85	94	8846	N.D.
8) 2-Chlorophenol	10.01	128	220	N.D.
9) 1,3-Dichlorobenzene	10.76	146	131	N.D.
10) 1,4-Dichlorobenzene	10.76	146	131	N.D.
11) 1,2-Dichlorobenzene	11.34	146	266	N.D.
12) Benzyl alcohol	11.56	108	1046	N.D.
13) Bis(2-chloroisopropyl)ethe	12.11	45	1664	N.D.
14) 2-Methylphenol	12.18	108	30766	N.D.
15) Hexachloroethane	12.78	117	58977	N.D.
6) N-nitroso-di-n-propylamine	12.78	70	57586	N.D.
17) 3 & 4-Methylphenol	12.91	107	45768	N.D.
20) Nitrobenzene	13.19	77	17424	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\072005\0401001.D
Acq On : 20 Jul 2005 2:42 pm
Sample : 05-1579-0016
Misc : RR-25X
MS Integration Params: RTEINT.P
Quant Time: Jul 20 15:29 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21)	Isophorone	14.36	82	21753	N.D.	
22)	2-Nitrophenol	14.56	139	3282	N.D.	
23)	2,4-Dimethylphenol	15.22	107	107357	N.D.	
24)	Bis(2-chloroethoxy)methane	15.51	93	1258	N.D.	
25)	2,4-Dichlorophenol	15.80	162	16271	N.D.	
26)	Benzoic acid	15.22	122	63638	N.D.	
27)	1,2,4-Trichlorobenzene	15.98	180	1731	N.D.	11000ug/kg x2
28)	Naphthalene	16.25	128	4113143	33.71 ppm	91
29)	2,6-Dichlorophenol	16.77	162	24896	N.D.	28000 ug/kg
30)	4-Chloroaniline	16.83	127	119512	N.D.	
31)	Hexachlorobutadiene	17.53	225	101	N.D.	
32)	4-Chloro-3-methylphenol	19.63	107	4280	N.D.	85000 ug/kg
33)	2-Methylnaphthalene	19.84	142	8362377	102.36 ppm	96
34)	1-Methylnaphthalene	20.37	142	4345646	55.83 ppm	46525 93
36)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37)	2,4,6-Trichlorophenol	21.69	196	6226	N.D.	
38)	2,4,5-Trichlorophenol	21.75	196	4819	N.D.	
40)	2-Chloronaphthalene	22.30	162	17361	N.D.	
41)	2-Nitroaniline	0.00	65	0	N.D. d	
42)	Acenaphthylene	24.11	152	145180	N.D.	
43)	Dimethyl phthalate	24.09	163	11323	N.D.	
44)	1,3-Dinitrobenzene	23.99	168	21311	N.D.	
45)	2,6-Dinitrotoluene	24.35	165	16685	N.D.	
46)	Acenaphthene	24.72	153	116975	N.D.	
47)	3-Nitroaniline	24.73	138	22478	N.D.	
48)	2,4-Dinitrophenol	0.00	184	0	N.D. d	
49)	Dibenzofuran	25.32	168	253606	N.D.	
50)	2,4-Dinitrotoluene	25.60	165	129373	N.D.	
51)	Pentachlorobenzene	25.23	250	106	N.D.	
52)	4-Nitrophenol	0.00	139	0	N.D. d	27000
53)	Fluorene	26.49	166	2562020	31.89 ppm	95
54)	4-Chlorophenyl phenyl ethe	26.60	204	14203	N.D.	
55)	Diethyl phthalate	26.61	149	12414	N.D.	
56)	4-Nitroaniline	26.88	138	8507	N.D.	
58)	1,2-Diphenylhydrazine	27.08	77	40863	N.D.	
59)	4,6-Dinitro-2-methylphenol	26.87	198	6435	N.D.	
60)	N-Nitrosodiphenylamine	0.00	169	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\072005\0401001.D
Acq On : 20 Jul 2005 2:42 pm
Sample : 05-1579-0016
Misc : RR-25X
MS Integration Params: RTEINT.P
Quant Time: Jul 20 15:29 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.06	248	4030	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D. d	
65) Phenanthrene	29.33	178	3616703	30.87 ppm	99
66) Anthracene	0.00	178	0	N.D. d	
67) Di-n-butylphthalate	31.12	149	58416	N.D.	
68) Fluoranthene	32.55	202	124385	N.D.	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.11	202	357818	N.D.	
73) Butyl benzyl phthalate	35.20	149	13295	N.D.	
74) 3,3'-Dichlorobenzidine	36.37	252	14324	N.D.	
5) Benzo(a)anthracene	36.32	228	81151	N.D.	
76) Chrysene	36.40	228	391364	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.66	149	53627	N.D.	
79) Di-n-octyl phthalate	38.65	149	13395	N.D.	
80) Benzo(b)fluoranthene	39.44	252	122152	N.D.	
81) Benzo(k)fluoranthene	39.44	252	122152	N.D.	
82) Benzo(a)pyrene	40.17	252	37850	N.D.	
83) Indeno(1,2,3-cd)pyrene	43.11	276	19821	N.D.	
84) Dibenzo(a,h)anthracene	43.12	278	5794	N.D.	
85) Benzo(ghi)perylene	43.11	276	20390	N.D.	

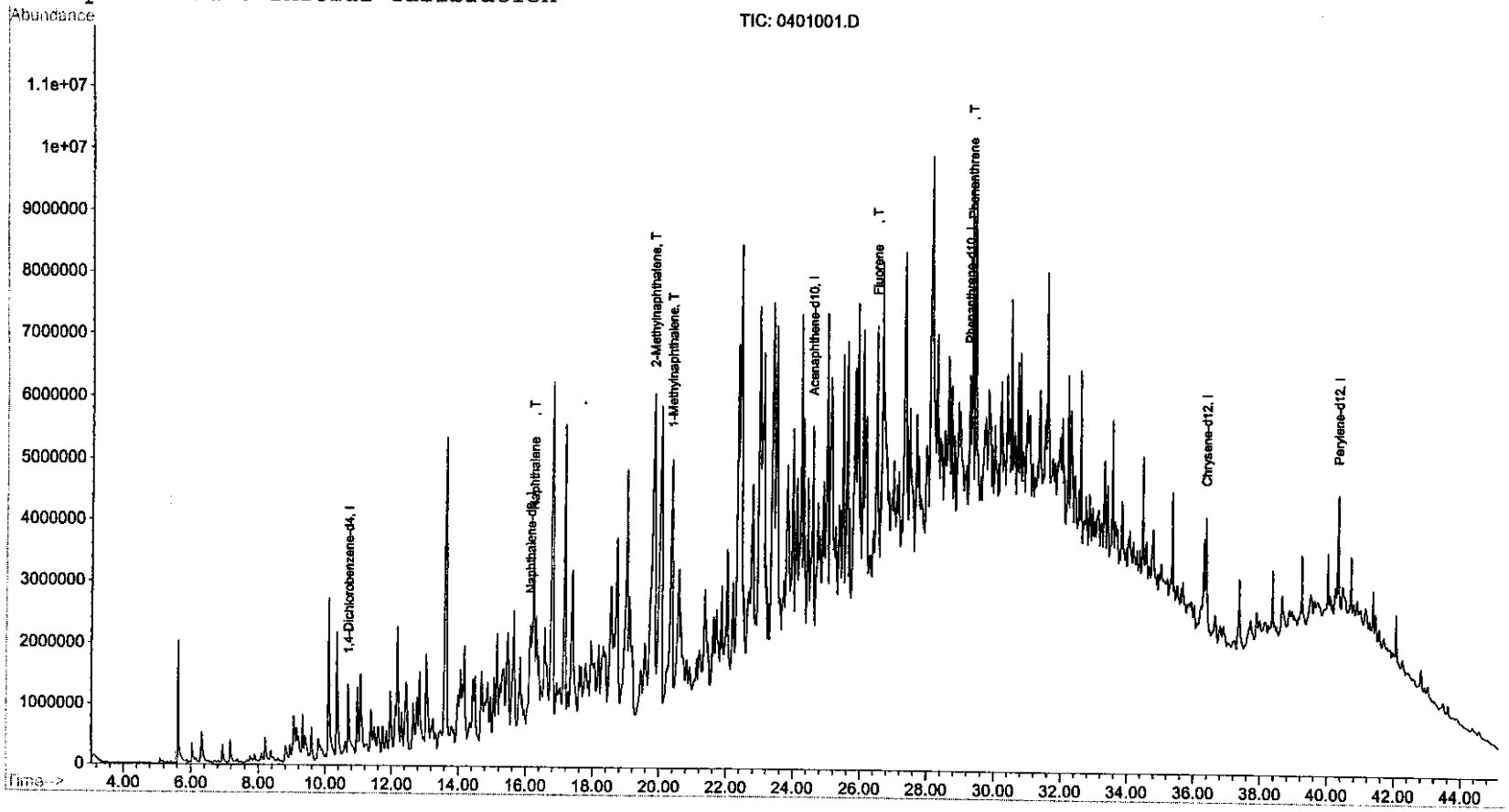
(#) = qualifier out of range (m) = manual integration

Data F e : C:\HPCHEM\1\DATA\072005\0401001.D
Acq On : 20 Jul 2005 2:42 pm
Sample : 05-1579-0016
Misc : RR-25X
MS Integration Params: RTEINT.P
Quant Time: Jul 20 15:29 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Run #3814 water

P.O. Box 323, San German, Puerto Rico 00683

Notebook for: SAMPLE PREPARATION LOG FOR EPA 8260 VOA Instrument ID: PADC-MS-001 S/N: 3336A60677 Book No.: 2

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		LCS/MS/MSD ID's:		ICV	
ws1	gcms-s-1-028	cc1	gcms-s-1-035	is1	gcms-s-1-027	m1	gcms-s-1-034	ms1	n/a
ws2	n/a	cc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	cc3	n/a	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	cc4	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	blank	n/a	n/a	0101001.D	Water	5mL	1	7/11/05 11:31	Run# 3814
2	n/a	ccv	n/a	n/a	0201002.D	Water	5mL	1	7/11/05 12:05	
3	n/a	mb	n/a	1970	0301001.D	Water	5mL	1	7/11/05 15:00	
4	n/a	lcs	n/a	1970	0401002.D	Water	5mL	1	7/11/05 15:32	
5	05-1632	0374	n/a	1970	0501003.D	Water	5mL	1	7/11/05 16:05	
6	n/a	tclp blank	n/a	1954/1955	0601004.D	TCLP	5mL	1	7/11/05 16:39	
7	05-1588	0111	n/a	1955	0701005.D	TCLP	5mL	1	7/11/05 17:13	
8	05-1588	0112	n/a	n/a	0801006.D	TCLP	5mL	1	7/11/05 17:45	N/A-- DNR
9	05-1588	0113	n/a	n/a	0901007.D	TCLP	5mL	1	7/11/05 18:18	N/A-- DNR
10	05-1588	0114	n/a	n/a	1001008.D	TCLP	5mL	1	7/11/05 18:52	N/A-- DNR
11	05-1579	0022	n/a	1970	1101009.D	Water	5mL	1	7/11/05 19:25	
12	05-1579	0023	n/a	1970	1201010.D	Water	5mL	1	7/11/05 19:59	
13	05-1579	0024	n/a	1970	1301011.D	Water	5mL	1	7/11/05 20:32	
14	05-1632	0375	n/a	1970	1401012.D	Water	5mL	1	7/11/05 21:05	-
15	05-1632	0376	n/a	1970	1501013.D	Water	5mL	1	7/11/05 21:39	

Comments

RP 7/12/05

Surroga

Surroga

Surroga

Data File Name **0401002.D**
Date Acquired **11 Jul 2005 3:32 pm**
Method File **VOC_1103**
Sample Name **lcs,,,2**

Name	Amount	True Value	% Recovery	Control Limits	Flags
dibromofluoromethane	55.72	50	111	70 - 130	Pass
1,2-dichloroethane-d4	55.82	50	112	70 - 130	Pass
toluene-d8	55.95	50	112	70 - 130	Pass
p-bromofluorobenzene	52.23	50	104	70 - 130	Pass
1,1-dichloroethene	109.52	100	110	70 - 130	Pass
benzene	112.48	100	112	70 - 130	Pass
trichloroethene	105.17	100	105	70 - 130	Pass
toluene	114.55	100	115	70 - 130	Pass
chlorobenzene	101.09	100	101	70 - 130	Pass

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0201002.D Vial: 2
Acq On : 11 Jul 2005 12:05 pm Operator: RG
Sample : ccv Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 15:19 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.50	96	265343	50.00 ppb	0.00
39) chlorobenzene-d5	17.99	82	154669	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	200276	50.00 ppb	0.00

System Monitoring Compounds					
22) dibromofluoromethane	12.23	113	176579	114.03 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery =	~~228.06%#~~ 114%	
23) 1,2-dichloroethane-d4	13.07	65	204958	111.94 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	~~223.88%#~~ 112%	
36) toluene-d8	15.78	98	583731	112.00 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery =	~~224.00%#~~ 112%	
55) p-bromofluorobenzene	19.57	176	202247	88.85 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery =	~~177.70%#~~ 89%	

Target Compounds						Qvalue
2) chloromethane	4.42	50	91690	102.35 ppb		98
3) vinyl chloride	4.65	62	85683	97.84 ppb		100
4) bromomethane	5.53	94	53216	105.18 ppb		95
5) chloroethane	5.90	64	52912	124.62 ppb	#	59
6) dichlorodifluoromethane	3.91	85	239653	111.42 ppb		99
7) trichlorofluoromethane	6.33	101	264902	118.18 ppb		100
8) acrolein	0.00	56	0	N.D.		
9) acetone	9.13	43	291034	540.80 ppb	#	86
10) 1,1-dichloroethene	7.67	96	77425	106.51 ppb	#	71
11) methylene chloride	9.01	84	98996	107.23 ppb		95
12) methyl tert-butyl ether	9.62	73	332598	113.16 ppb		100
13) trans-1,2-dichloroethene	9.35	96	110395	113.69 ppb		92
14) 1,1-dichloroethane	10.55	63	214260	113.23 ppb		98
15) acrylonitrile	0.00	53	0	N.D.		
16) 2-butanone	12.44	43	484644	557.64 ppb		95
17) cis-1,2-dichloroethene	11.49	96	143868	112.28 ppb		97
18) 2,2-dichloropropane	11.67	77	229911	116.23 ppb		99
19) chloroform	11.94	83	280119	113.11 ppb		99
20) bromochloromethane	11.82	128	90383	108.15 ppb		99
21) 1,1,1-trichlorethane	12.30	97	258839	112.14 ppb		99
24) 1,2-dichloroethane	13.18	62	246929	111.19 ppb		99
25) carbon tetrachloride	12.20	117	254630	114.23 ppb		99
26) 1,1-dichloropropene	12.48	75	224655	116.66 ppb		97
27) benzene	12.88	78	525098	112.65 ppb		99
28) trichloroethene	13.76	130	177461	103.59 ppb		97
29) 1,2-dichloropropane	14.53	63	169681	114.01 ppb	#	91
30) bromodichloromethane	14.60	83	252912	108.35 ppb		99
31) dibromomethane	14.39	93	132401	109.76 ppb		100
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.		
33) cis-1,3-dichloropropene	15.50	75	306779	110.39 ppb		99
trans-1,3-dichloropropene	16.41	75	316940	106.17 ppb		98
35) toluene	15.85	91	726944	113.87 ppb		99
37) 1,1,2-trichloroethane	16.65	97	181761	104.65 ppb		95
38) 1,2-dibromoethane	17.30	107	216249	99.69 ppb		100
40) 1,3-dichloropropane	17.05	76	334010	88.87 ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0201002.D Vial: 2
Acq On : 11 Jul 2005 12:05 pm Operator: RG
Sample : ccv Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 15:19 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

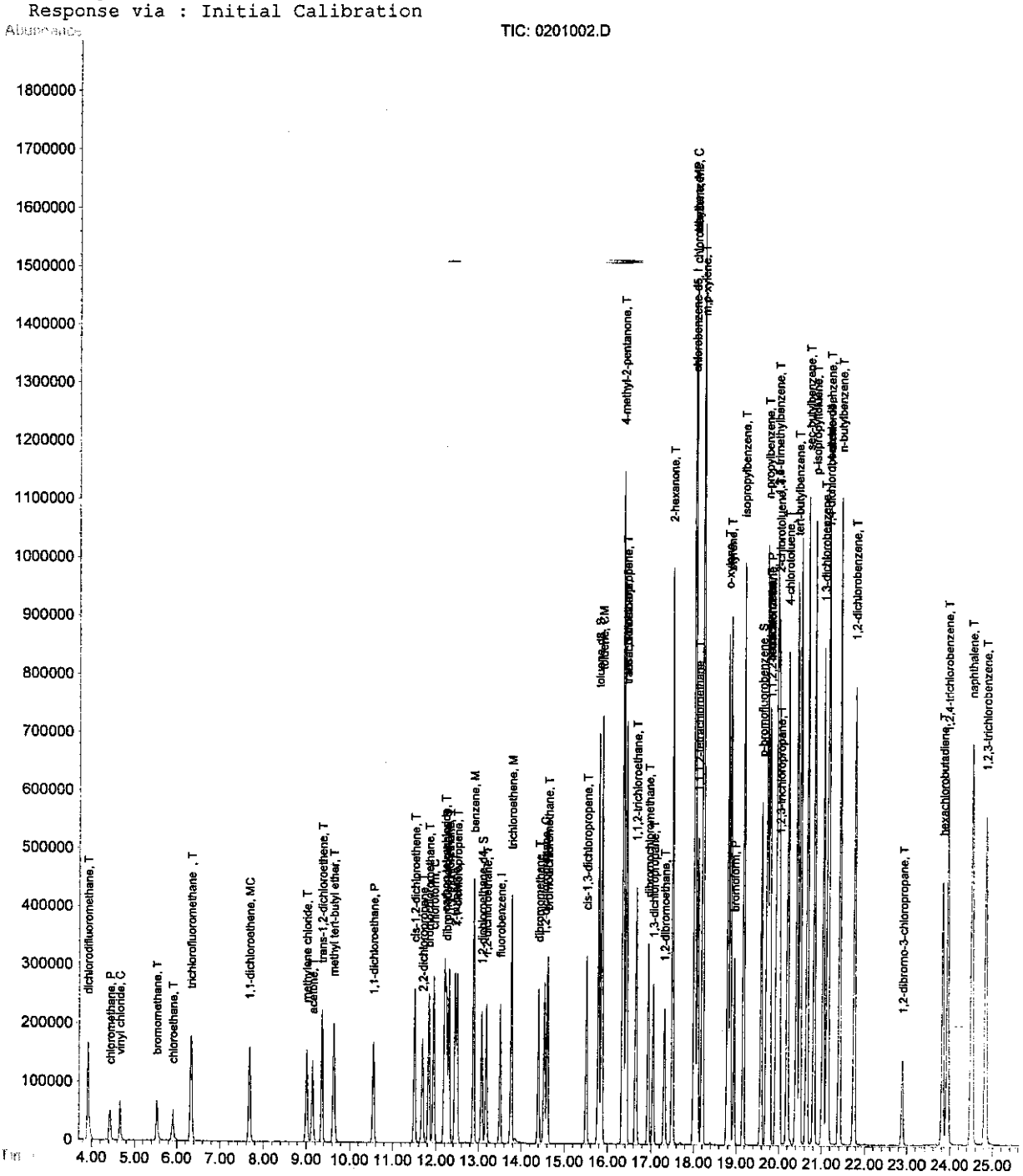
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	16.93	129	248353	93.45 ppb		99
42) bromoform	18.94	173	184024	88.77 ppb		99
43) 4-methyl-2-pentanone	16.34	43	1294093	445.84 ppb	#	97
44) 2-hexanone	17.49	43	1047817	476.54 ppb	#	98
45) tetrachloroethene	16.42	164	138932	92.60 ppb		100
46) chlorobenzene	18.02	112	518686	96.37 ppb		98
47) 1,1,1,2-tetrachloroethane	18.09	131	215676	92.71 ppb		99
48) ethylbenzene	18.00	91	850119	97.48 ppb		98
49) m,p-xylene	18.20	106	648674	195.15 ppb		95
50) o-xylene	18.78	106	325947	86.39 ppb		96
51) styrene	18.84	104	584532	87.26 ppb		98
53) isopropylbenzene	19.17	105	911883	95.20 ppb		100
54) 1,1,2,2-tetrachloroethane	19.78	83	340124	91.05 ppb		99
56) bromobenzene	19.75	156	252416	91.55 ppb		100
57) 1,2,3-trichloropropane	20.01	110	111829	95.45 ppb		100
58) n-propylbenzene	19.70	91	1233302	92.86 ppb		98
59) 2-chlorotoluene	19.97	91	831299	96.27 ppb		98
60) 1,3,5-trimethylbenzene	19.93	105	813825	95.38 ppb		99
61) 4-chlorotoluene	20.19	91	778827	93.99 ppb		98
62) tert-butylbenzene	20.40	119	759089	97.24 ppb		99
63) 1,2,4-trimethylbenzene	19.93	105	813825	95.38 ppb		99
64) sec-butylbenzene	20.65	105	1225815	96.99 ppb		99
65) p-isopropyltoluene	20.81	119	1031812	99.26 ppb		100
66) 1,3-dichlorobenzene	21.02	146	568727	95.04 ppb		99
67) 1,4-dichlorobenzene	21.14	146	575669	94.42 ppb		100
68) 1,2-dichlorobenzene	21.74	146	550693	93.20 ppb		99
69) n-butylbenzene	21.40	91	995349	95.80 ppb		98
70) 1,2-dibromo-3-chloropropan	22.88	75	66693	90.41 ppb		87
71) 1,2,4-trichlorobenzene	23.93	180	344198	91.75 ppb		99
72) hexachlorobutadiene	23.82	225	139482	95.22 ppb		100
73) naphthalene	24.50	128	1055431	90.38 ppb		100
74) 1,2,3-trichlorobenzene	24.83	180	335733	93.32 ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0201002.D Vial: 2
Acq On : 11 Jul 2005 12:05 pm Operator: RG
Sample : ccv Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 15:19 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0301001.D Vial: 3
Acq On : 11 Jul 2005 3:00 pm Operator: RG
Sample : mb,,,1 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 18:55 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.49	96	208910	50.00 ppb	0.00
39) chlorobenzene-d5	17.99	82	142110	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.11	152	168340	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.23	113	70672	57.35 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 114.70%		
23) 1,2-dichloroethane-d4	13.07	65	88342	61.68 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.36%#		
36) toluene-d8	15.77	98	248033	59.32 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 118.64%		
55) p-bromofluorobenzene	19.58	176	96510	50.11 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 100.22%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.52	94	116	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0301001.D Vial: 3
Acq On : 11 Jul 2005 3:00 pm Operator: RG
Sample : mb,,,1 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 18:55 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

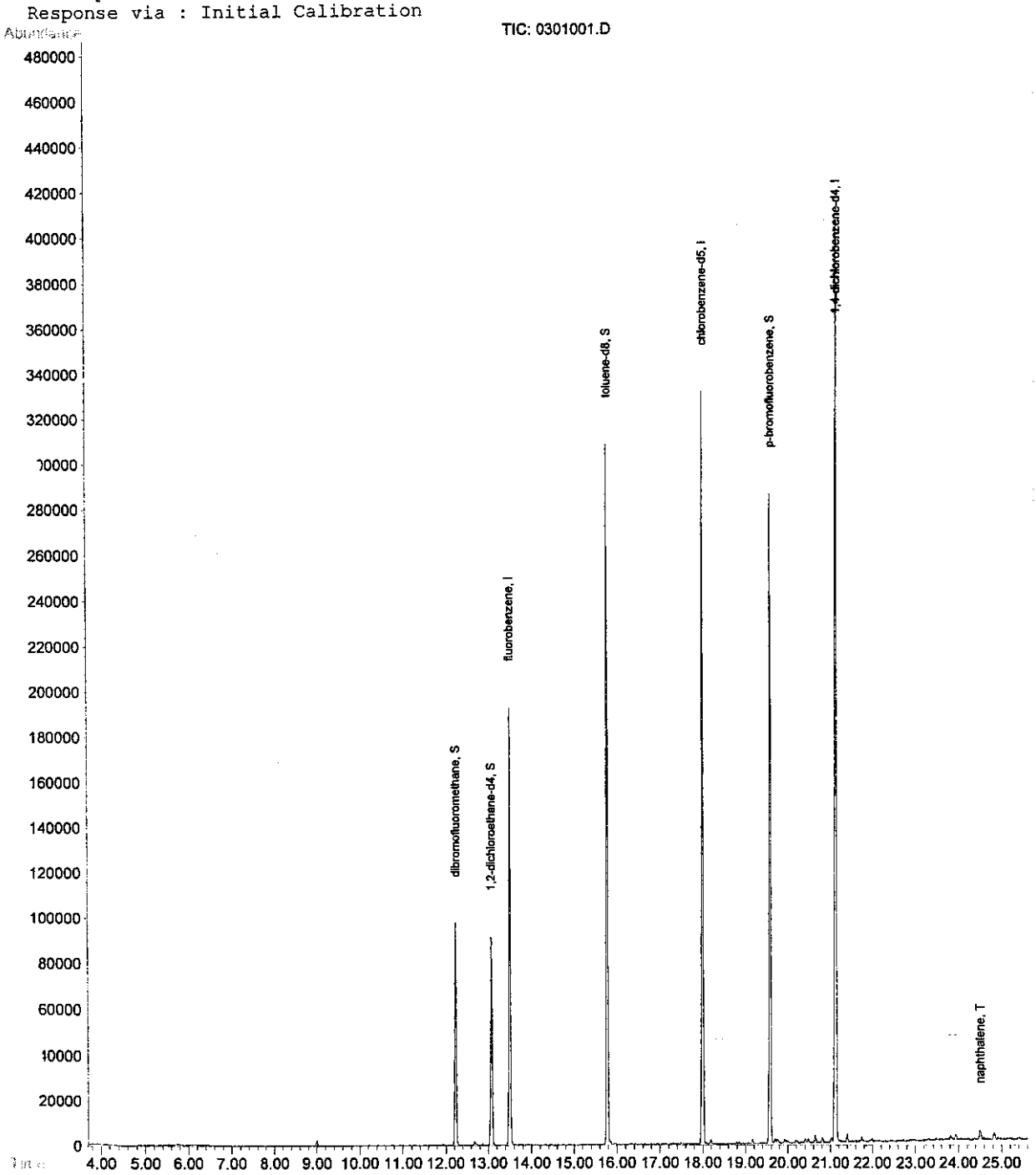
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	0.00	112	0	N.D.		
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.01	91	2323	-3.36 ppb	#	52
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56) bromobenzene	0.00	156	0	N.D.		
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.71	91	2773	-2.92 ppb	#	56
) 2-chlorotoluene	0.00	91	0	N.D.		
) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64) sec-butylbenzene	20.65	105	2774	-1.96 ppb	#	59
65) p-isopropyltoluene	20.81	119	2251	-2.04 ppb	#	51
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	21.40	91	2992	-1.60 ppb	#	29
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	24.50	128	5497	0.73 ppb		100
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0301001.D Vial: 3
Acq On : 11 Jul 2005 3:00 pm Operator: RG
Sample : mb,,,1 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 18:55 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0401002.D Vial: 4
Acq On : 11 Jul 2005 3:32 pm Operator: RG
Sample : lcs,,,2 Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 18:55 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.49	96	245811	50.00 ppb	0.00
39) chlorobenzene-d5	17.99	82	145873	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.11	152	160349	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.22	113	80846	55.72 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 111.44%		
23) 1,2-dichloroethane-d4	13.07	65	93923	55.82 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.64%		
36) toluene-d8	15.78	98	275937	55.95 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 111.90%		
55) p-bromofluorobenzene	19.58	176	95756	52.23 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 104.46%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.54	94	69	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	7.66	96	73685	109.52 ppb #	70
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	12.88	78	485744	112.48 ppb	99
28) trichloroethene	13.76	130	166895	105.17 ppb	97
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.85	91	677355	114.55 ppb	99
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0401002.D Vial: 4
Acq On : 11 Jul 2005 3:32 pm Operator: RG
Sample : lcs,,,2 Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 11 18:55 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

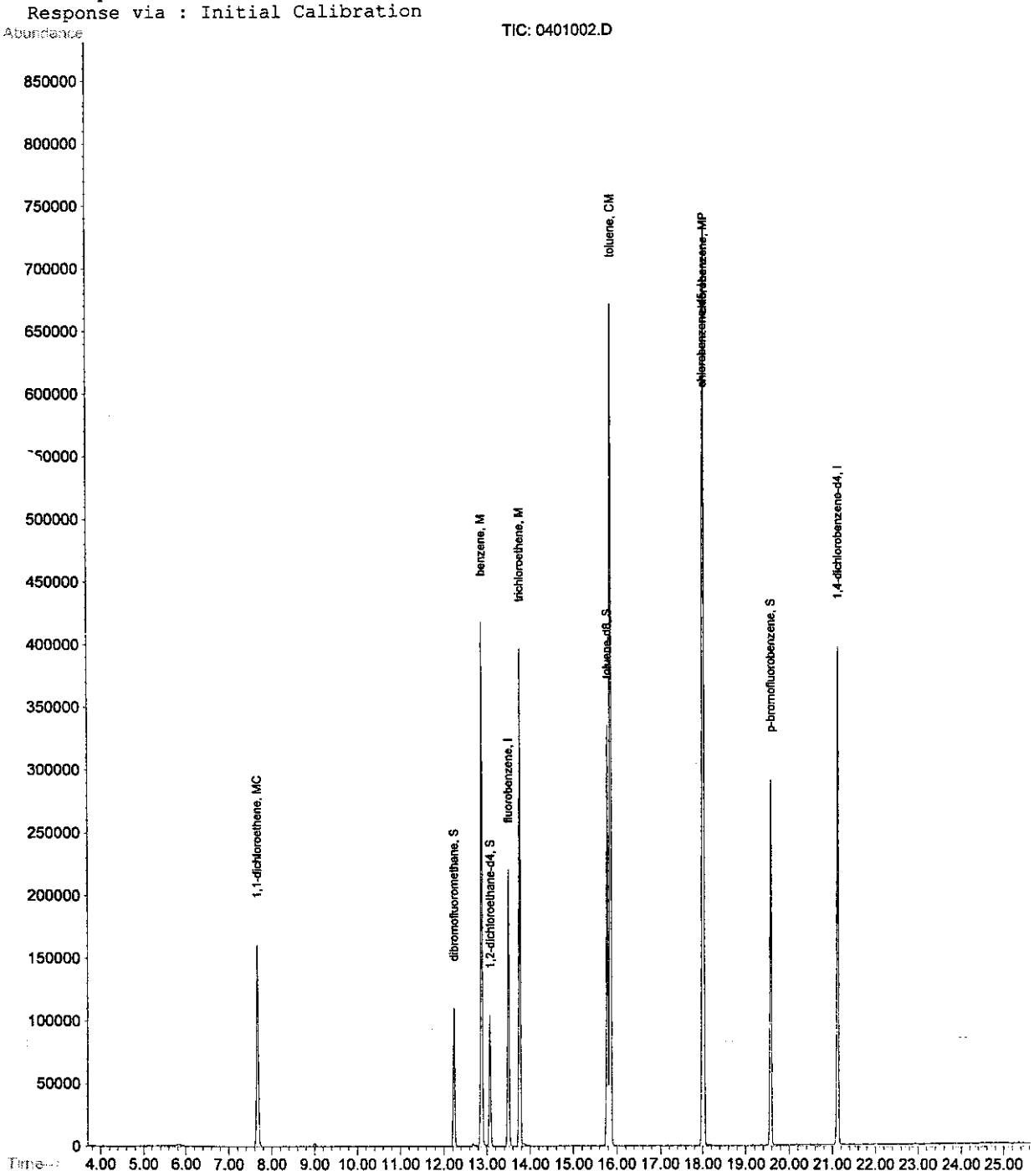
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	18.02	112	512431	101.09 ppb	#	83
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	0.00	91	0	N.D.		
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56) bromobenzene	0.00	156	0	N.D.		
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	0.00	91	0	N.D.		
59) 2-chlorotoluene	0.00	91	0	N.D.		
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64) sec-butylbenzene	0.00	105	0	N.D.		
65) p-isopropyltoluene	0.00	119	0	N.D.		
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	0.00	91	0	N.D.		
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	0.00	128	0	N.D.		
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\0401002.D Vial: 4
Acq On : 11 Jul 2005 3:32 pm Operator: RG
Sample : lcs,,,2 Inst : ms-01
'isc : 100/500 ug/l Multiplr: 1.00
.S Integration Params: RTEINT.P
Quant Time: Jul 11 18:55 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1101009.D Vial: 11
Acq On : 11 Jul 2005 7:25 pm Operator: RG
Sample : 1579-0022,,, Inst : ms-01
Misc : eb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:08 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.50	96	223854	50.00 ppb	0.00
39) chlorobenzene-d5	17.99	82	134886	50.00 ppb	-0.01
52) 1,4-dichlorobenzene-d4	21.11	152	151082	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.23	113	76326	57.81 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 115.62%		
23) 1,2-dichloroethane-d4	13.07	65	87111	56.83 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.66%		
36) toluene-d8	15.77	98	257526	57.40 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 114.80%		
55) p-bromofluorobenzene	19.57	176	86834	50.24 ppb	-0.01
Spiked Amount 50.000	Range 74 - 127		Recovery = 100.48%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	0.00	94	0	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1101009.D Vial: 11
Acq On : 11 Jul 2005 7:25 pm Operator: RG
Sample : 1579-0022,,, Inst : ms-01
'isc : eb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:08 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

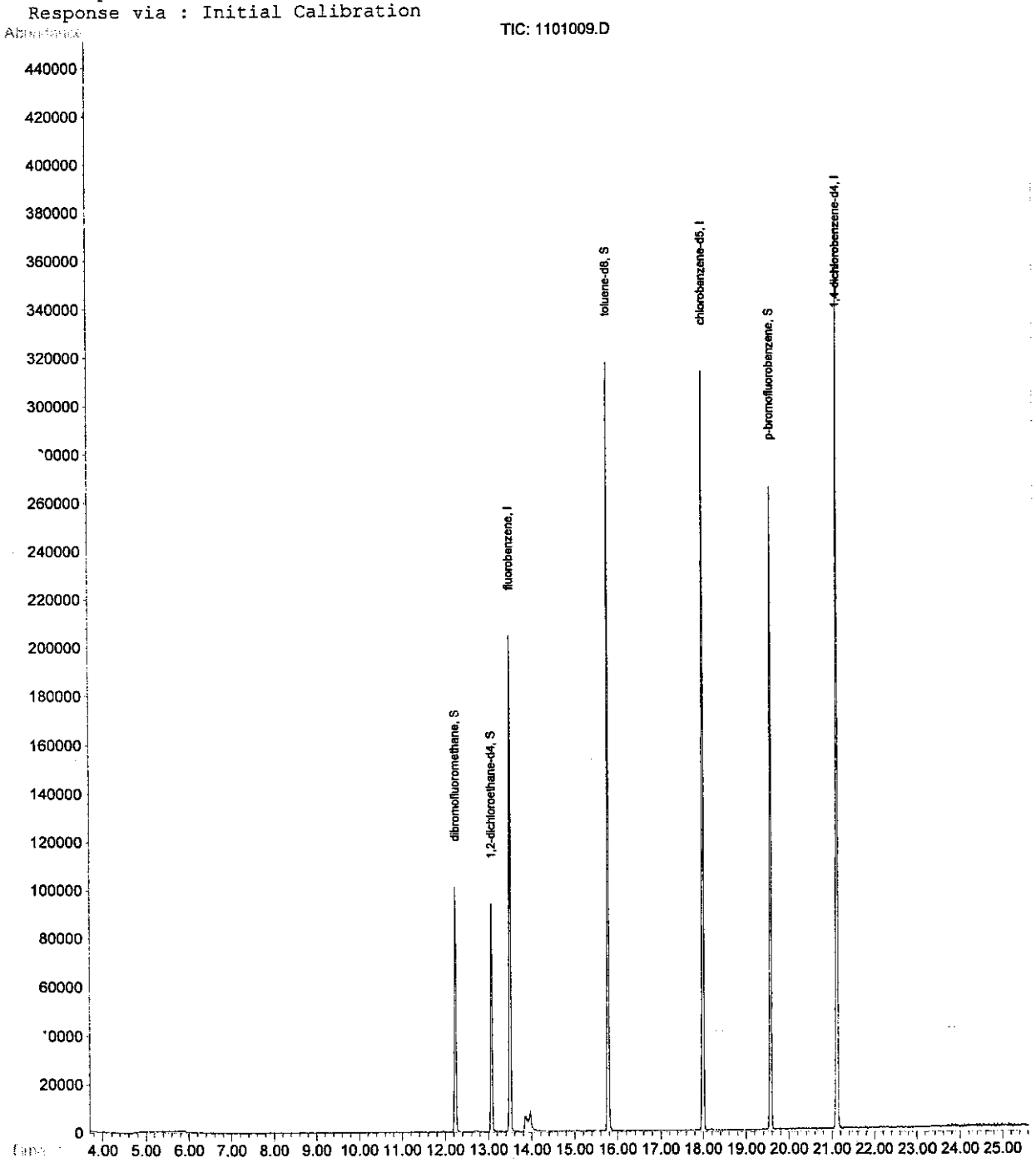
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	0.00	43	0	N.D.	
44) 2-hexanone	0.00	43	0	N.D.	
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	0.00	112	0	N.D.	
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	0.00	91	0	N.D.	
49) m,p-xylene	0.00	106	0	N.D.	
50) o-xylene	0.00	106	0	N.D.	
51) styrene	0.00	104	0	N.D.	
53) isopropylbenzene	0.00	105	0	N.D.	
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
56) bromobenzene	0.00	156	0	N.D.	
57) 1,2,3-trichloropropane	0.00	110	0	N.D.	
58) n-propylbenzene	0.00	91	0	N.D.	
) 2-chlorotoluene	0.00	91	0	N.D.	
) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
61) 4-chlorotoluene	0.00	91	0	N.D.	
62) tert-butylbenzene	0.00	119	0	N.D.	
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
64) sec-butylbenzene	0.00	105	0	N.D.	
65) p-isopropyltoluene	0.00	119	0	N.D.	
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	0.00	91	0	N.D.	
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	0.00	128	0	N.D.	
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1101009.D Vial: 11
Acq On : 11 Jul 2005 7:25 pm Operator: RG
Sample : 1579-0022,,, Inst : ms-01
'isc : eb Multiplr: 1.00
.MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:08 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1201010.D Vial: 12
Acq On : 11 Jul 2005 7:59 pm Operator: RG
Sample : 1579-0023,,, Inst : ms-01
Misc : fb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:08 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.49	96	218952	50.00 ppb	0.00
39) chlorobenzene-d5	17.99	82	131883	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.11	152	148134	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.23	113	76580	59.34 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 118.68%		
23) 1,2-dichloroethane-d4	13.07	65	87118	58.09 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.18%		
36) toluene-d8	15.77	98	250185	57.00 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 114.00%		
55) p-bromofluorobenzene	19.57	176	84557	49.89 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 99.78%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
) vinyl chloride	0.00	62	0	N.D.	
) bromomethane	0.00	94	0	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1201010.D Vial: 12
Acq On : 11 Jul 2005 7:59 pm Operator: RG
Sample : 1579-0023,,, Inst : ms-01
Misc : fb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:08 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

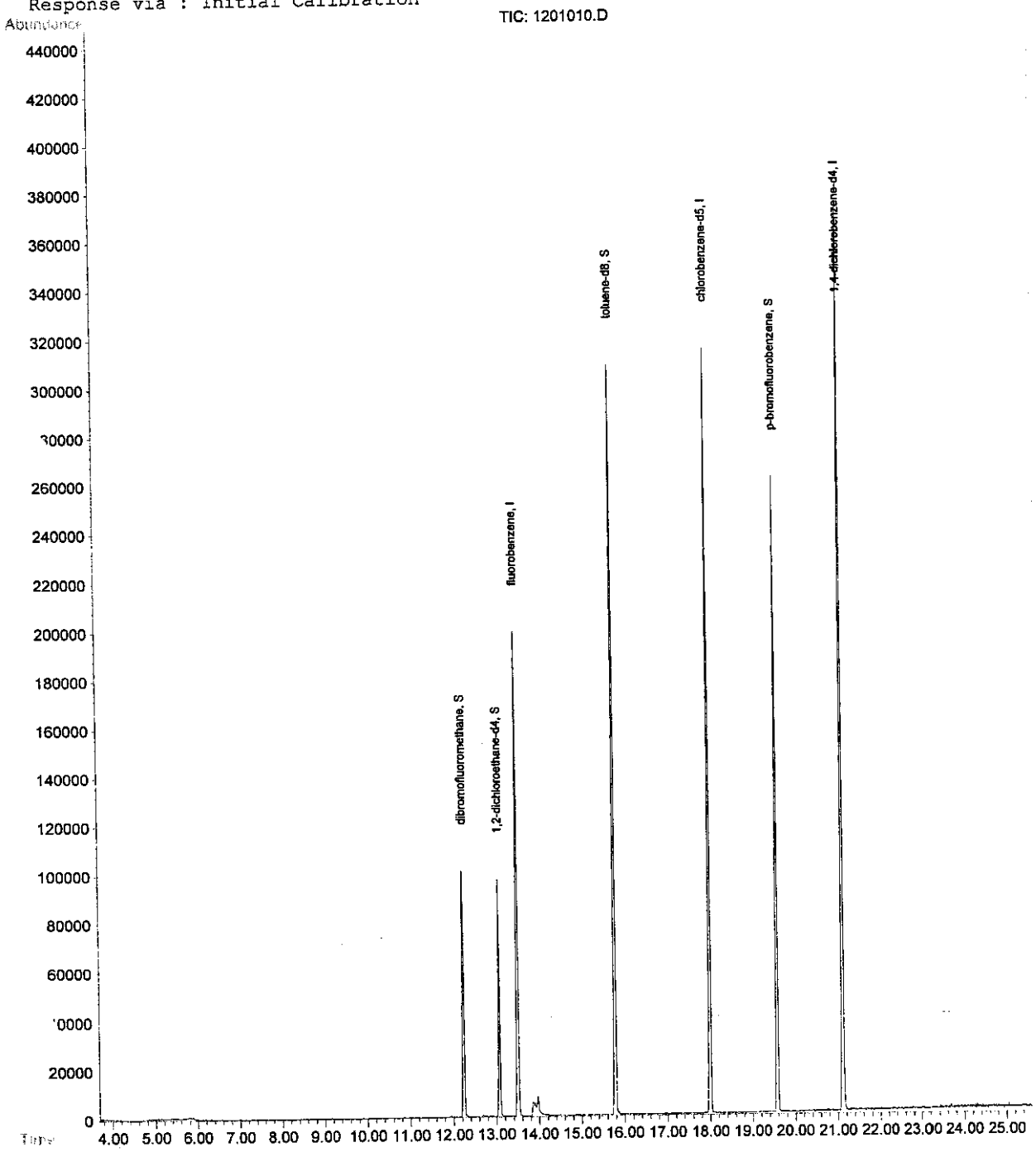
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	0.00	43	0	N.D.	
44) 2-hexanone	0.00	43	0	N.D.	
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	0.00	112	0	N.D.	
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	0.00	91	0	N.D.	
49) m,p-xylene	0.00	106	0	N.D.	
50) o-xylene	0.00	106	0	N.D.	
51) styrene	0.00	104	0	N.D.	
53) isopropylbenzene	0.00	105	0	N.D.	
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
56) bromobenzene	0.00	156	0	N.D.	
57) 1,2,3-trichloropropane	0.00	110	0	N.D.	
58) n-propylbenzene	0.00	91	0	N.D.	
) 2-chlorotoluene	0.00	91	0	N.D.	
) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
61) 4-chlorotoluene	0.00	91	0	N.D.	
62) tert-butylbenzene	0.00	119	0	N.D.	
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
64) sec-butylbenzene	0.00	105	0	N.D.	
65) p-isopropyltoluene	0.00	119	0	N.D.	
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	0.00	91	0	N.D.	
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	0.00	128	0	N.D.	
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1201010.D Vial: 12
Acq On : 11 Jul 2005 7:59 pm Operator: RG
Sample : 1579-0023,,, Inst : ms-01
isc : fb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:08 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1301011.D Vial: 13
Acq On : 11 Jul 2005 8:32 pm Operator: RG
Sample : 1579-0024,,, Inst : ms-01
Misc : tb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:09 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.49	96	209665	50.00 ppb	0.00
39) chlorobenzene-d5	17.99	82	127060	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.11	152	141452	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.23	113	73735	59.67 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 119.34%		
23) 1,2-dichloroethane-d4	13.07	65	84652	58.93 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.86%		
36) toluene-d8	15.77	98	239477	56.98 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 113.96%		
55) p-bromofluorobenzene	19.57	176	82955	51.28 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 102.56%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
) vinyl chloride	0.00	62	0	N.D.	
) bromomethane	0.00	94	0	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1301011.D Vial: 13
Acq On : 11 Jul 2005 8:32 pm Operator: RG
Sample : 1579-0024,,, Inst : ms-01
Misc : tb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:09 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

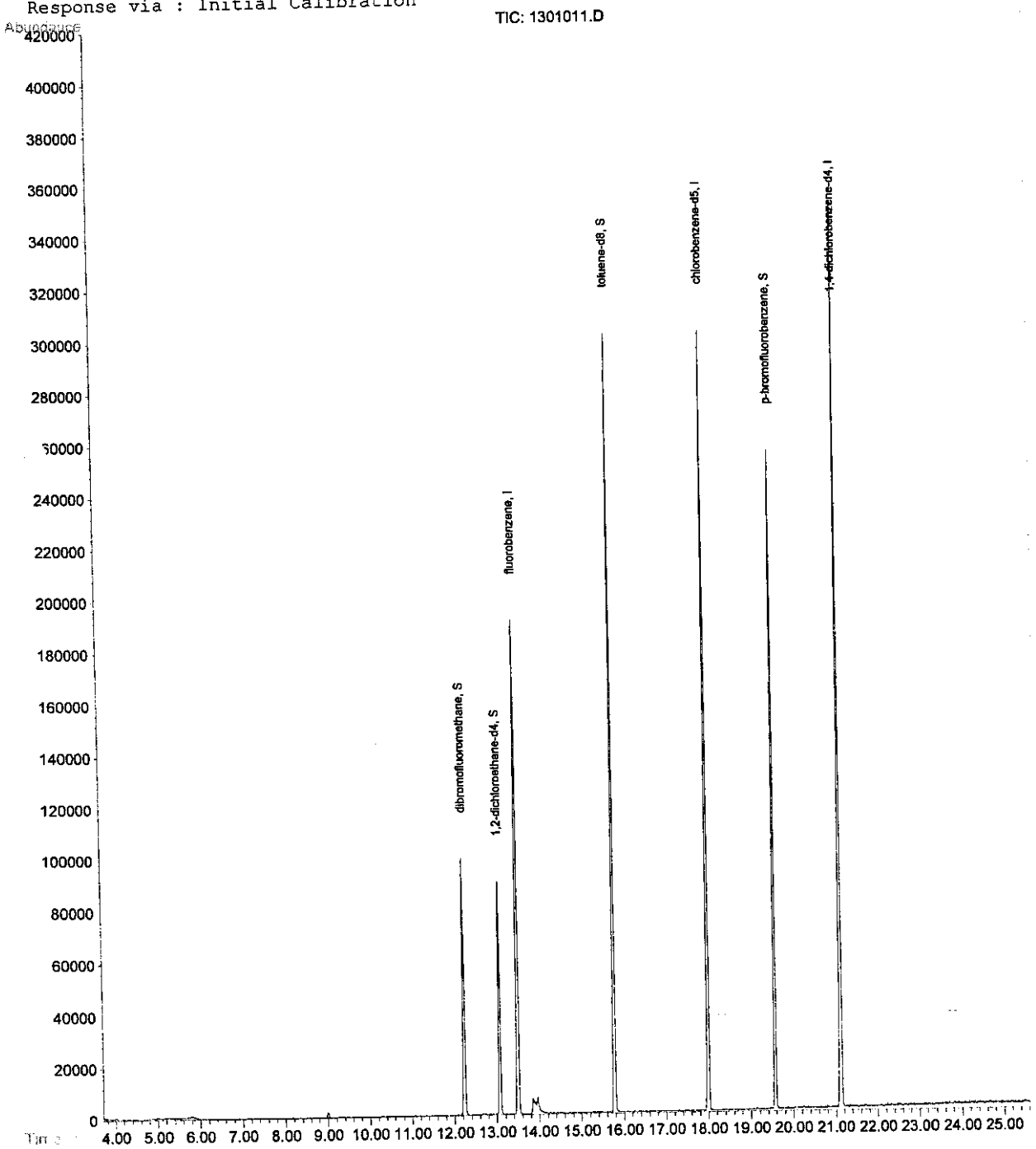
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	0.00	43	0	N.D.	
44) 2-hexanone	0.00	43	0	N.D.	
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	0.00	112	0	N.D.	
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	0.00	91	0	N.D.	
49) m,p-xylene	0.00	106	0	N.D.	
50) o-xylene	0.00	106	0	N.D.	
51) styrene	0.00	104	0	N.D.	
53) isopropylbenzene	0.00	105	0	N.D.	
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
56) bromobenzene	0.00	156	0	N.D.	
57) 1,2,3-trichloropropane	0.00	110	0	N.D.	
58) n-propylbenzene	0.00	91	0	N.D.	
[illegible]) 2-chlorotoluene	0.00	91	0	N.D.	
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
61) 4-chlorotoluene	0.00	91	0	N.D.	
62) tert-butylbenzene	0.00	119	0	N.D.	
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
64) sec-butylbenzene	0.00	105	0	N.D.	
65) p-isopropyltoluene	0.00	119	0	N.D.	
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	0.00	91	0	N.D.	
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	0.00	128	0	N.D.	
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050711\1301011.D Vial: 13
Acq On : 11 Jul 2005 8:32 pm Operator: RG
Sample : 1579-0024,,, Inst : ms-01
Misc : tb Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 16:09 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0601003.D
Acq On : 19 Jul 2005 5:52 pm
Sample : 05-1579-0017
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:46 19105

Vial: 6
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.68	152	726965	20.00 ppm	0.01
18) Naphthalene-d8	16.06	136	2812999	20.00 ppm	-0.02
35) Acenaphthene-d10	24.45	164	1451441	20.00 ppm	-0.03
57) Phenanthrene-d10	29.14	188	2155859	20.00 ppm	-0.03
69) Chrysene-d12	36.24	240	1882185	20.00 ppm	-0.04
78) Perylene-d12	40.21	264	1698462	20.00 ppm	-0.02

System Monitoring Compounds					
4) 2-Fluorophenol	6.74	112	1520042	28.49 ppm	0.25
Spiked Amount 50.000	Range 21 - 100		Recovery = 56.98%		
7) Phenol-d6	9.82	99	2044838	30.32 ppm	0.05
Spiked Amount 50.000	Range 10 - 94		Recovery = 60.64%		
19) Nitrobenzene-d5	13.01	82	1347902	27.00 ppm	-0.03
Spiked Amount 50.000	Range 35 - 114		Recovery = 54.00%		
39) 2-Fluorobiphenyl	21.88	172	2584804	29.97 ppm	-0.04
Spiked Amount 50.000	Range 43 - 116		Recovery = 59.94%		
61) 2,4,6-Tribromophenol	27.16	330	620052	35.91 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery = 71.82%		
72) p-Terphenyl-d14	33.54	244	3090390	36.24 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 72.48%		

Target Compounds				Qvalue
2) Pyridine	3.54	79	707	N.D.
3) N-Nitrosodimethylamine	3.76	74	8229	N.D.
5) Bis(2-chloroethyl)ether	9.92	93	165	N.D.
7) Phenol	9.85	94	24462	N.D.
8) 2-Chlorophenol	10.03	128	1734	N.D.
9) 1,3-Dichlorobenzene	10.45	146	296	N.D.
10) 1,4-Dichlorobenzene	10.75	146	1666	N.D.
11) 1,2-Dichlorobenzene	11.31	146	313	N.D.
12) Benzyl alcohol	11.55	108	3196	N.D.
13) Bis(2-chloroisopropyl)ethe	12.07	45	1443	N.D.
14) 2-Methylphenol	12.17	108	531	N.D.
15) Hexachloroethane	12.61	117	111	N.D.
16) N-nitroso-di-n-propylamine	13.01	70	163530	N.D.
17) 3 & 4-Methylphenol	12.93	107	4574	N.D.
20) Nitrobenzene	13.57	77	1094	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0601003.D
Acq On : 19 Jul 2005 5:52 pm
Sample : 05-1579-0017
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:46 19105

Vial: 6
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.81	82	1066	N.D.	
22) 2-Nitrophenol	0.00	139	0	N.D.	
23) 2,4-Dimethylphenol	15.11	107	177	N.D.	
24) Bis(2-chloroethoxy)methane	15.44	93	241	N.D.	
25) 2,4-Dichlorophenol	15.79	162	160	N.D.	
26) Benzoic acid	15.10	122	151	N.D.	
27) 1,2,4-Trichlorobenzene	15.87	180	226	N.D.	
28) Naphthalene	16.13	128	5787	N.D.	
29) 2,6-Dichlorophenol	0.00	162	0	N.D.	
30) 4-Chloroaniline	16.68	127	145	N.D.	
[illegible] Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.59	107	3804	N.D.	
33) 2-Methylnaphthalene	19.88	142	339	N.D.	
34) 1-Methylnaphthalene	20.17	142	2414	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.91	196	127	N.D.	
38) 2,4,5-Trichlorophenol	21.91	196	127	N.D.	
40) 2-Chloronaphthalene	22.24	162	671	N.D.	
41) 2-Nitroaniline	22.93	65	232	N.D.	
42) Acenaphthylene	23.88	152	701	N.D.	
43) Dimethyl phthalate	24.45	163	275990	N.D.	
44) 1,3-Dinitrobenzene	24.22	168	282	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
46) Acenaphthene	24.61	153	104	N.D.	
47) 3-Nitroaniline	24.64	138	134	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	
49) Dibenzofuran	24.60	168	1352	N.D.	
50) 2,4-Dinitrotoluene	25.44	165	480	N.D.	
51) Pentachlorobenzene	0.00	250	0	N.D.	
52) 4-Nitrophenol	25.25	139	405	N.D.	
53) Fluorene	26.36	166	3979	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.77	204	123	N.D.	
55) Diethyl phthalate	26.34	149	18628	N.D.	
56) 4-Nitroaniline	26.71	138	715	N.D.	
1,2-Diphenylhydrazine	27.00	77	2376	N.D.	
59) 4,6-Dinitro-2-methylphenol	27.15	198	1283	N.D.	
60) N-Nitrosodiphenylamine	27.02	169	856	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0601003.D Vial: 6
Acq On : 19 Jul 2005 5:52 pm Operator: KMI
Sample : 05-1579-0017 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:46 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.05	248	151	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D.	d
65) Phenanthrene	29.19	178	7816	N.D.	
66) Anthracene	29.33	178	1948	N.D.	
67) Di-n-butylphthalate	31.02	149	739957	N.D.	
68) Fluoranthene	32.43	202	2584	N.D.	
70) Benzidine	0.00	184	0	N.D.	d
71) Pyrene	33.00	202	2859	N.D.	
73) Butyl benzyl phthalate	34.86	149	10344	N.D.	
75) 3,3'-Dichlorobenzidine	36.28	252	507	N.D.	
75) Benzo(a)anthracene	36.24	228	7444	N.D.	
76) Chrysene	36.24	228	7444	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.55	149	171000	N.D.	
79) Di-n-octyl phthalate	38.59	149	160027	N.D.	
80) Benzo(b)fluoranthene	39.38	252	609	N.D.	
81) Benzo(k)fluoranthene	39.42	252	1232	N.D.	
82) Benzo(a)pyrene	40.08	252	1771	N.D.	
83) Indeno(1,2,3-cd)pyrene	41.99	276	1019	N.D.	
84) Dibenzo(a,h)anthracene	42.48	278	1546	N.D.	
85) Benzo(ghi)perylene	43.02	276	3173	N.D.	

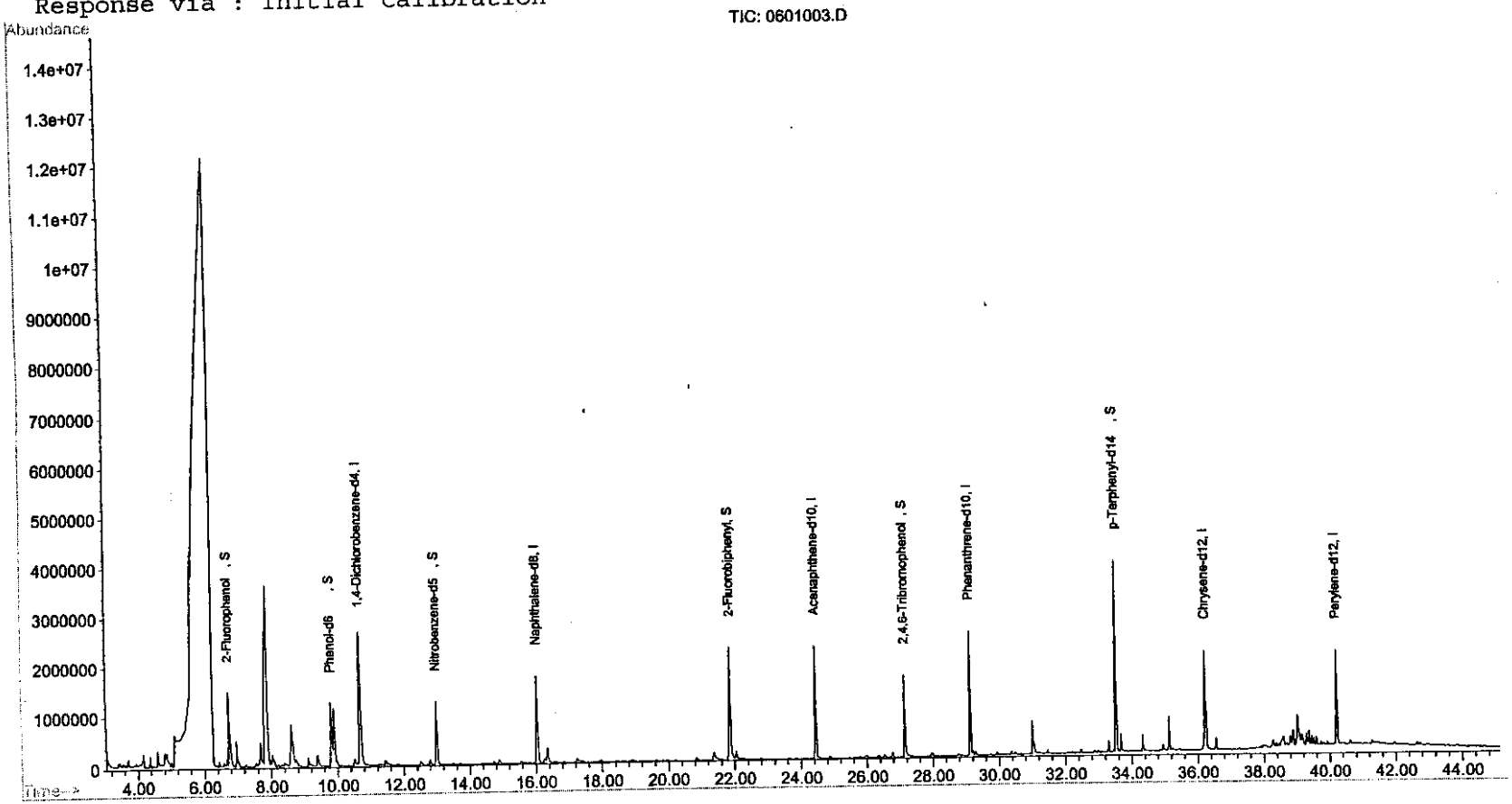
(#) = qualifier out of range (m) = manual integration

Data Fi : C:\HPCHEM\1\DATA\071905\0601003.D
Acq On : 19 Jul 2005 5:52 pm
Sample : 05-1579-0017
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:46 19105

Vial: 6
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0701004.D
Acq On : 19 Jul 2005 6:47 pm
ample : 05-1579-0017 ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:48 19105

Vial: 7
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	828840	20.00 ppm	-0.01
18) Naphthalene-d8	16.05	136	3202849	20.00 ppm	-0.02
35) Acenaphthene-d10	24.46	164	1681958	20.00 ppm	-0.02
57) Phenanthrene-d10	29.14	188	2494668	20.00 ppm	-0.02
69) Chrysene-d12	36.25	240	2172006	20.00 ppm	-0.03
78) Perylene-d12	40.22	264	2057656	20.00 ppm	-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	6.57	112	1465604	24.10 ppm	0.08
Spiked Amount 50.000	Range 21 - 100		Recovery = 48.20%		
Phenol-d6	9.77	99	1966727	25.58 ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery = 51.16%		
19) Nitrobenzene-d5	12.99	82	1390386	24.46 ppm	-0.04
Spiked Amount 50.000	Range 35 - 114		Recovery = 48.92%		
39) 2-Fluorobiphenyl	21.88	172	2730216	27.32 ppm	-0.04
Spiked Amount 50.000	Range 43 - 116		Recovery = 54.64%		
61) 2,4,6-Tribromophenol	27.15	330	731770	36.62 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery = 73.24%		
72) p-Terphenyl-d14	33.55	244	3560004	36.18 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 72.36%		
Target Compounds					Qvalue
2) Pyridine	3.11	79	1134	N.D.	
3) N-Nitrosodimethylamine	3.90	74	985	N.D.	
5) Bis(2-chloroethyl)ether	9.95	93	26761	N.D.	
7) Phenol	9.81	94	1987981	26.93 ppm	92
8) 2-Chlorophenol	9.95	128	1475364	25.34 ppm	94
9) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
10) 1,4-Dichlorobenzene	10.73	146	1313425	21.09 ppm	99
11) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
12) Benzyl alcohol	11.52	108	2238	N.D.	
13) Bis(2-chloroisopropyl)ethe	12.05	45	475	N.D.	
14) 2-Methylphenol	12.13	108	154	N.D.	
15) Hexachloroethane	12.69	117	620	N.D.	
16) N-nitroso-di-n-propylamine	12.62	70	1005906	24.01 ppm	95
17) 3 & 4-Methylphenol	12.91	107	2289	N.D.	
20) Nitrobenzene	13.21	77	3005	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0701004.D
Acq On : 19 Jul 2005 6:47 pm
ample : 05-1579-0017 ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:48 19105

Vial: 7
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21) Isophorone	14.43	82	1891	N.D.		
22) 2-Nitrophenol	14.49	139	531	N.D.		
23) 2,4-Dimethylphenol	15.11	107	385	N.D.		
24) Bis(2-chloroethoxy)methane	15.42	93	147	N.D.		
25) 2,4-Dichlorophenol	15.72	162	102	N.D.		
26) Benzoic acid	15.10	122	121	N.D.		
27) 1,2,4-Trichlorobenzene	15.89	180	1078755	24.54 ppm		90
28) Naphthalene	16.13	128	20433	N.D.		
29) 2,6-Dichlorophenol	16.63	162	103	N.D.		
30) 4-Chloroaniline	16.72	127	663	N.D.		
' Hexachlorobutadiene	16.91	225	103	N.D.		
32) 4-Chloro-3-methylphenol	19.50	107	1458033	33.29 ppm	#	73
33) 2-Methylnaphthalene	19.50	142	1311750	12.82 ppm	#	17
34) 1-Methylnaphthalene	20.16	142	15792	N.D.		
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
37) 2,4,6-Trichlorophenol	21.89	196	115	N.D.		
38) 2,4,5-Trichlorophenol	21.89	196	115	N.D.		
40) 2-Chloronaphthalene	22.20	162	115	N.D.		
41) 2-Nitroaniline	22.97	65	358	N.D.		
42) Acenaphthylene	0.00	152	0	N.D.		
43) Dimethyl phthalate	24.46	163	323114	N.D.		
44) 1,3-Dinitrobenzene	23.85	168	105	N.D.		
45) 2,6-Dinitrotoluene	23.99	165	10649	N.D.		
46) Acenaphthene	24.58	153	2628383	28.89 ppm		92
47) 3-Nitroaniline	24.65	138	266	N.D.		
48) 2,4-Dinitrophenol	0.00	184	0	N.D. d		
49) Dibenzofuran	25.21	168	1553	N.D.		
50) 2,4-Dinitrotoluene	25.45	165	1235147	33.28 ppm	#	68
51) Pentachlorobenzene	0.00	250	0	N.D.		
52) 4-Nitrophenol	25.54	139	832376	38.77 ppm		79
53) Fluorene	26.35	166	6699	N.D.		
54) 4-Chlorophenyl phenyl ethe	26.79	204	104	N.D.		
55) Diethyl phthalate	26.36	149	22510	N.D.		
56) 4-Nitroaniline	26.71	138	503	N.D.		
1,2-Diphenylhydrazine	26.98	77	622	N.D.		
59) 4,6-Dinitro-2-methylphenol	27.14	198	1800	N.D.		
60) N-Nitrosodiphenylamine	26.95	169	784	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0701004.D Vial: 7
Acq On : 19 Jul 2005 6:47 pm Operator: KMI
ample : 05-1579-0017 ms Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:48 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62)	4-Bromophenyl phenyl ether	0.00	248	0	N.D.	
63)	Hexachlorobenzene	28.02	284	120	N.D.	
64)	Pentachlorophenol	28.73	266	584862	36.27 ppm	100
65)	Phenanthrene	29.20	178	12449	N.D.	
66)	Anthracene	29.20	178	12449	N.D.	
67)	Di-n-butylphthalate	31.02	149	1307807	6.57 ppm	98
68)	Fluoranthene	0.00	202	0	N.D. d	
70)	Benzidine	0.00	184	0	N.D. d	
71)	Pyrene	33.01	202	3708789	24.86 ppm	92
73)	Butyl benzyl phthalate	34.86	149	12517	N.D.	
	3,3'-Dichlorobenzidine	36.28	252	194	N.D.	
75)	Benzo(a)anthracene	36.25	228	8532	N.D.	
76)	Chrysene	36.25	228	8532	N.D.	
77)	bis(2-Ethylhexyl)phthalate	36.60	149	4956080	35.08 ppm	98
79)	Di-n-octyl phthalate	38.59	149	108198	N.D.	
80)	Benzo(b)fluoranthene	39.42	252	1493	N.D.	
81)	Benzo(k)fluoranthene	39.42	252	1493	N.D.	
82)	Benzo(a)pyrene	40.14	252	436	N.D.	
83)	Indeno(1,2,3-cd)pyrene	42.42	276	1481	N.D.	
84)	Dibenzo(a,h)anthracene	42.97	278	3722	N.D.	
85)	Benzo(ghi)perylene	43.05	276	1483	N.D.	

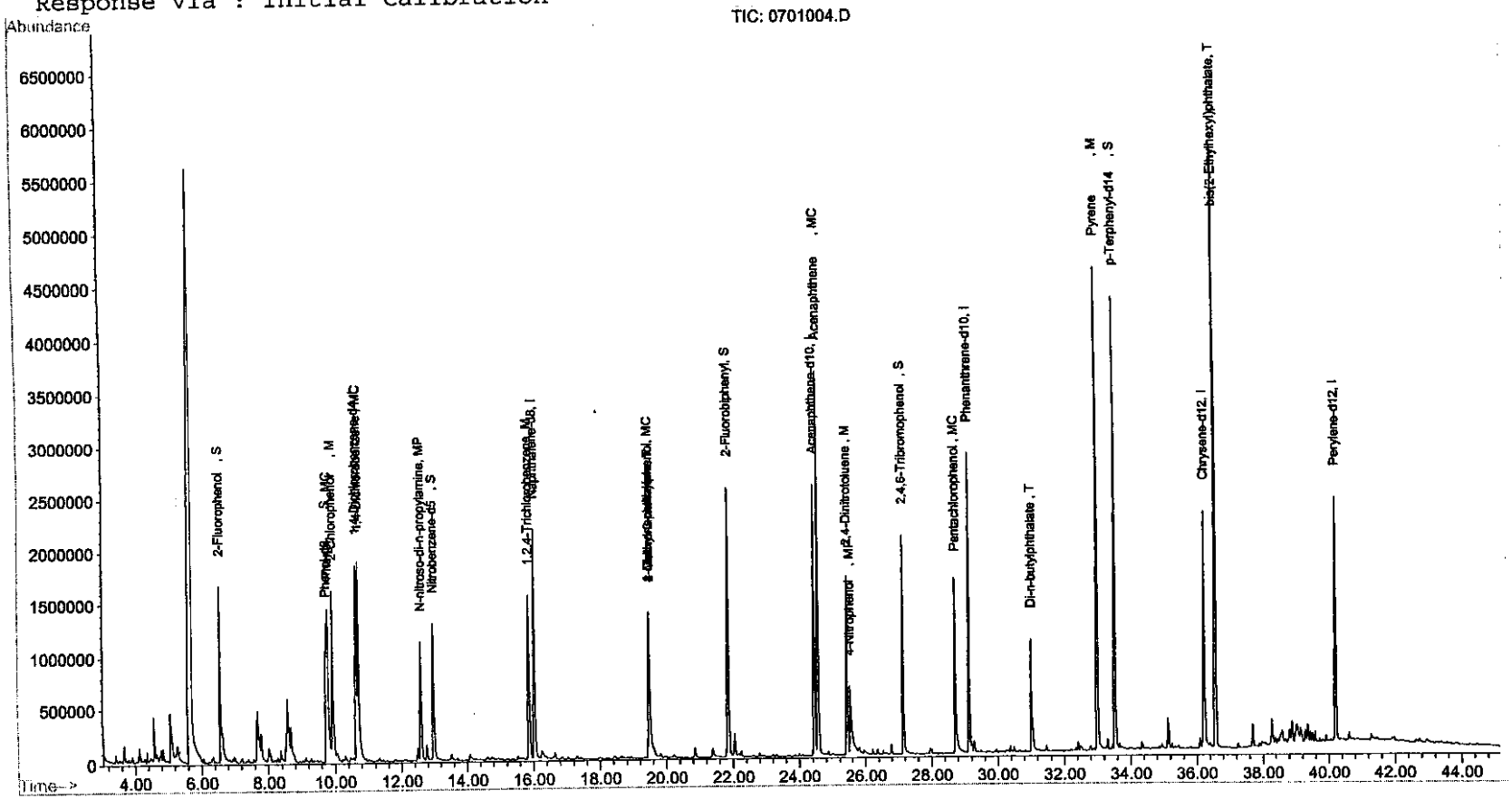
(#) = qualifier out of range (m) = manual integration

Data Fi' : C:\HPCHEM\1\DATA\071905\0701004.D
Acq On : 19 Jul 2005 6:47 pm
Sample : 05-1579-0017 ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:48 19105

Vial: 7
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0801005.D
Acq On : 19 Jul 2005 7:42 pm
Sample : 05-1579-0017 msd
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:52 19105

Vial: 8
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.65	152	726079	20.00 ppm	-0.02
18) Naphthalene-d8	16.05	136	2786696	20.00 ppm	-0.03
35) Acenaphthene-d10	24.46	164	1424204	20.00 ppm	-0.03
57) Phenanthrene-d10	29.14	188	2144422	20.00 ppm	-0.03
69) Chrysene-d12	36.25	240	1813440	20.00 ppm	-0.04
78) Perylene-d12	40.22	264	1712012	20.00 ppm	-0.02

System Monitoring Compounds					
4) 2-Fluorophenol	6.56	112	1317074	24.72 ppm	0.07
Spiked Amount 50.000	Range 21 - 100		Recovery = 49.44%		
Phenol-d6	9.75	99	1762846	26.17 ppm	-0.02
Spiked Amount 50.000	Range 10 - 94		Recovery = 52.34%		
19) Nitrobenzene-d5	12.99	82	1294700	26.18 ppm	-0.05
Spiked Amount 50.000	Range 35 - 114		Recovery = 52.36%		
39) 2-Fluorobiphenyl	21.88	172	2548278	30.11 ppm	-0.05
Spiked Amount 50.000	Range 43 - 116		Recovery = 60.22%		
61) 2,4,6-Tribromophenol	27.15	330	608565	35.43 ppm	-0.05
Spiked Amount 50.000	Range 10 - 123		Recovery = 70.86%		
72) p-Terphenyl-d14	33.54	244	2891520	35.19 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 70.38%		

Target Compounds					Qvalue
2) Pyridine	3.56	79	340	N.D.	
3) N-Nitrosodimethylamine	3.34	74	2580	N.D.	
5) Bis(2-chloroethyl)ether	9.94	93	23753	N.D.	
7) Phenol	9.81	94	1786857	27.63 ppm	91
8) 2-Chlorophenol	9.94	128	1329529	26.07 ppm	94
9) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
10) 1,4-Dichlorobenzene	10.72	146	1237421	22.68 ppm	99
11) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
12) Benzyl alcohol	11.51	108	779	N.D.	
13) Bis(2-chloroisopropyl)ethe	12.22	45	1213	N.D.	
14) 2-Methylphenol	12.10	108	116	N.D.	
15) Hexachloroethane	12.48	117	361	N.D.	
N-nitroso-di-n-propylamine	12.60	70	938908	25.59 ppm	97
17) 3 & 4-Methylphenol	12.90	107	1392	N.D.	
20) Nitrobenzene	13.13	77	362	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0801005.D
Acq On : 19 Jul 2005 7:42 pm
ample : 05-1579-0017 msd
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:52 19105

Vial: 8
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21) Isophorone	14.36	82	405	N.D.		
22) 2-Nitrophenol	14.48	139	125	N.D.		
23) 2,4-Dimethylphenol	14.80	107	103	N.D.		
24) Bis(2-chloroethoxy)methane	15.20	93	109	N.D.		
25) 2,4-Dichlorophenol	16.05	162	102	N.D.		
26) Benzoic acid	15.11	122	131	N.D.		
27) 1,2,4-Trichlorobenzene	15.88	180	1001098	26.17 ppm		90
28) Naphthalene	16.13	128	12338	N.D.		
29) 2,6-Dichlorophenol	16.69	162	103	N.D.		
30) 4-Chloroaniline	16.65	127	809	N.D.		
Hexachlorobutadiene	0.00	225	0	N.D.		
32) 4-Chloro-3-methylphenol	19.50	107	1272327	33.39 ppm	#	74
33) 2-Methylnaphthalene	19.50	142	1128129	12.67 ppm	#	17
34) 1-Methylnaphthalene	20.16	142	9000	N.D.		
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
37) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40) 2-Chloronaphthalene	22.17	162	126	N.D.		
41) 2-Nitroaniline	22.92	65	1171	N.D.		
42) Acenaphthylene	0.00	152	0	N.D.		
43) Dimethyl phthalate	24.46	163	270242	N.D.		
44) 1,3-Dinitrobenzene	24.07	168	125	N.D.		
45) 2,6-Dinitrotoluene	23.99	165	9478	N.D.		
46) Acenaphthene	24.58	153	2426052	31.49 ppm		93
47) 3-Nitroaniline	24.58	138	2709	N.D.		
48) 2,4-Dinitrophenol	0.00	184	0	N.D. d		
49) Dibenzofuran	25.21	168	913	N.D.		
50) 2,4-Dinitrotoluene	25.45	165	1043615	33.21 ppm	#	69
51) Pentachlorobenzene	0.00	250	0	N.D.		
52) 4-Nitrophenol	25.55	139	654306	36.29 ppm		85
53) Fluorene	26.36	166	5465	N.D.		
54) 4-Chlorophenyl phenyl ethe	26.49	204	108	N.D.		
55) Diethyl phthalate	26.36	149	18912	N.D.		
56) 4-Nitroaniline	26.73	138	110	N.D.		
1,2-Diphenylhydrazine	26.97	77	1599	N.D.		
59) 4,6-Dinitro-2-methylphenol	27.15	198	1349	N.D.		
60) N-Nitrosodiphenylamine	26.96	169	1146	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0801005.D
Acq On : 19 Jul 2005 7:42 pm
Sample : 05-1579-0017 msd
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:52 19105

Vial: 8
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	0.00	248	0	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	28.72	266	449631	33.02 ppm	100
65) Phenanthrene	29.20	178	9844	N.D.	
66) Anthracene	29.34	178	1522	N.D.	
67) Di-n-butylphthalate	31.02	149	1042661	6.09 ppm	99
68) Fluoranthene	0.00	202	0	N.D. d	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.00	202	3065478	24.61 ppm	92
73) Butyl benzyl phthalate	34.86	149	10400	N.D.	
3,3'-Dichlorobenzidine	36.22	252	404	N.D.	
75) Benzo(a)anthracene	36.25	228	7009	N.D.	
76) Chrysene	36.25	228	7009	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.58	149	3825317	32.43 ppm	97
79) Di-n-octyl phthalate	38.58	149	84115	N.D.	
80) Benzo(b)fluoranthene	39.42	252	737	N.D.	
81) Benzo(k)fluoranthene	39.47	252	244	N.D.	
82) Benzo(a)pyrene	40.14	252	323	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.43	276	1568	N.D.	
84) Dibenzo(a,h)anthracene	42.49	278	870	N.D.	
85) Benzo(ghi)perylene	42.43	276	1568	N.D.	

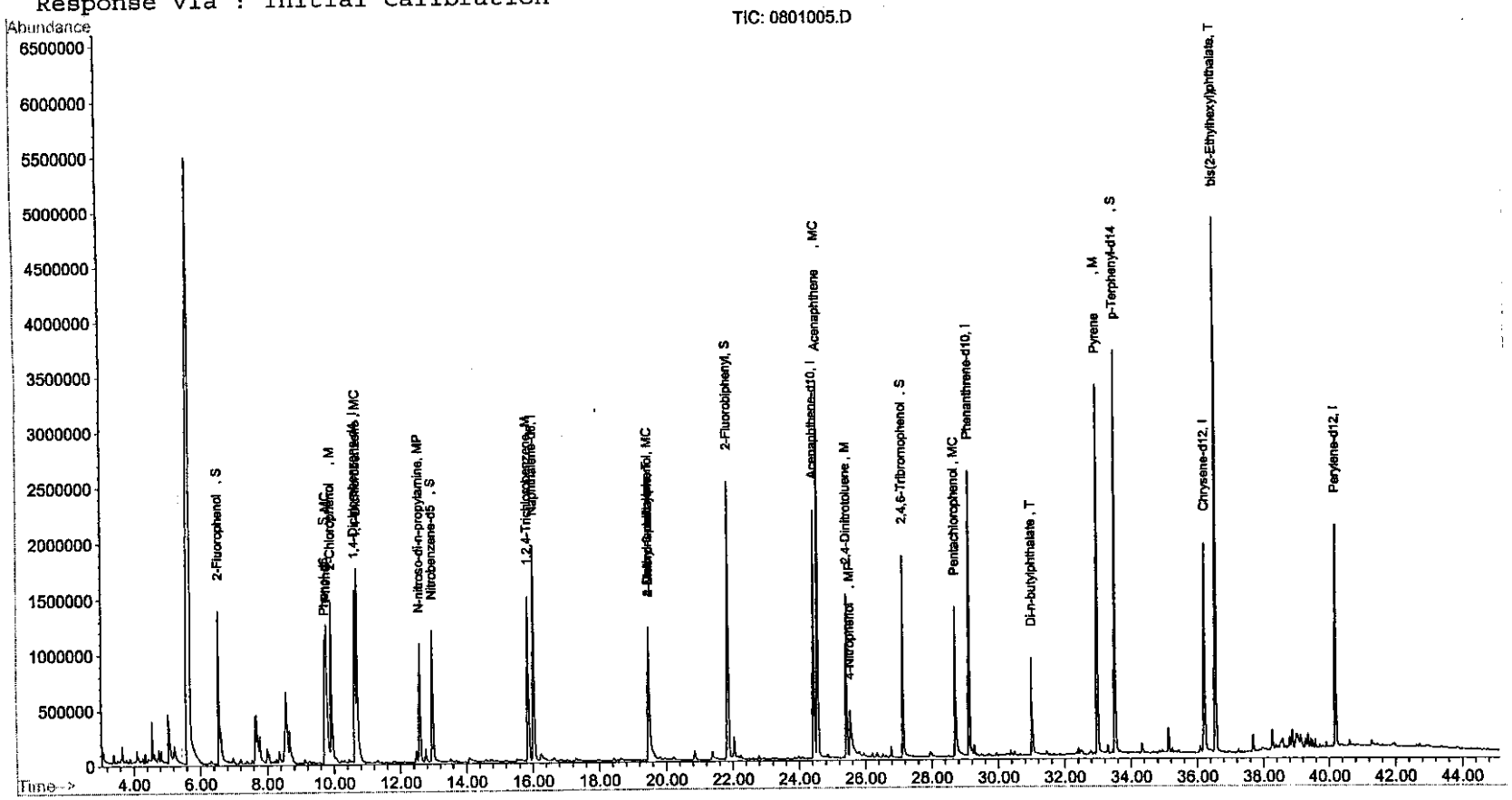
(#) = qualifier out of range (m) = manual integration

Data Fi' : C:\HPCHEM\1\DATA\071905\0801005.D
Acq On : 19 Jul 2005 7:42 pm
Sample : 05-1579-0017 msd
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 21:52 19105

Vial: 8
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1001007.D
Acq On : 19 Jul 2005 9:32 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 22:26 19105

Vial: 10
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	656091	20.00 ppm	0.00
18) Naphthalene-d8	16.07	136	2550705	20.00 ppm	0.00
35) Acenaphthene-d10	24.47	164	1296284	20.00 ppm	0.00
57) Phenanthrene-d10	29.17	188	1956538	20.00 ppm	0.00
69) Chrysene-d12	36.28	240	1587248	20.00 ppm	0.00
78) Perylene-d12	40.22	264	1702942	20.00 ppm	0.00

System Monitoring Compounds					
4) 2-Fluorophenol	6.48	112	2454432	50.98 ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery = 101.96%#		
Phenol-d6	9.76	99	3052549	50.16 ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery = 100.32%#		
19) Nitrobenzene-d5	13.03	82	2284592	50.47 ppm	0.00
Spiked Amount 50.000	Range 35 - 114		Recovery = 100.94%		
39) 2-Fluorobiphenyl	21.92	172	3960513	51.41 ppm	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 102.82%		
61) 2,4,6-Tribromophenol	27.19	330	867789	55.38 ppm	0.00
Spiked Amount 50.000	Range 10 - 123		Recovery = 110.76%		
72) p-Terphenyl-d14	33.54	244	3600018	50.06 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 100.12%		

Target Compounds					Qvalue
2) Pyridine	3.50	79	2622101m	51.82 ppm	
3) N-Nitrosodimethylamine	3.53	74	1648101	47.59 ppm	80
5) Bis(2-chloroethyl)ether	9.92	93	2440968	47.62 ppm	98
7) Phenol	9.82	94	3026908	51.79 ppm	92
8) 2-Chlorophenol	9.93	128	2332685	50.62 ppm	96
9) 1,3-Dichlorobenzene	10.42	146	2417844	49.99 ppm	98
10) 1,4-Dichlorobenzene	10.73	146	2497032	50.64 ppm	99
11) 1,2-Dichlorobenzene	11.28	146	2288271	50.62 ppm	90
12) Benzyl alcohol	11.52	108	1521377	52.83 ppm	89
13) Bis(2-chloroisopropyl)ethe	12.05	45	3702174	46.76 ppm	71
14) 2-Methylphenol	12.13	108	2168106	49.78 ppm	97
15) Hexachloroethane	12.61	117	998000	52.03 ppm	90
1 N-nitroso-di-n-propylamine	12.70	70	1512144	45.60 ppm	97
17) 3 & 4-Methylphenol	12.89	107	4844550	99.80 ppm	97
20) Nitrobenzene	13.13	77	2095303	46.46 ppm	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1001007.D
Acq On : 19 Jul 2005 9:32 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 22:26 19105

Vial: 10
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21) Isophorone	14.29	82	4454058	48.54 ppm		92
22) 2-Nitrophenol	14.50	139	1366468	50.65 ppm		95
23) 2,4-Dimethylphenol	15.12	107	2156939	50.68 ppm		99
24) Bis(2-chloroethoxy)methane	15.47	93	3052395	48.58 ppm		97
25) 2,4-Dichlorophenol	15.70	162	1727234	52.22 ppm		94
26) Benzoic acid	15.12	122	1993383	49.21 ppm		94
27) 1,2,4-Trichlorobenzene	15.90	180	1798550	51.37 ppm		90
28) Naphthalene	16.18	128	6006443	49.34 ppm		95
29) 2,6-Dichlorophenol	16.69	162	1754457	51.89 ppm		94
30) 4-Chloroaniline	16.72	127	2696410	55.75 ppm		100
[illegible] Hexachlorobutadiene	16.94	225	794076	49.98 ppm		84
[illegible] 4-Chloro-3-methylphenol	19.53	107	1859856	53.33 ppm		83
33) 2-Methylnaphthalene	19.66	142	3944617	48.39 ppm		94
34) 1-Methylnaphthalene	20.21	142	3888181	50.06 ppm		92
36) Hexachlorocyclopentadiene	20.72	237	799011	51.56 ppm		98
37) 2,4,6-Trichlorophenol	21.52	196	1097290	53.47 ppm		96
38) 2,4,5-Trichlorophenol	21.68	196	1152177	54.34 ppm		95
40) 2-Chloronaphthalene	22.22	162	3849428	49.77 ppm		96
41) 2-Nitroaniline	22.97	65	1127745	51.60 ppm		89
42) Acenaphthylene	23.91	152	5611080	49.96 ppm		99
43) Dimethyl phthalate	23.95	163	4112141	51.12 ppm		96
44) 1,3-Dinitrobenzene	23.91	168	870732	52.54 ppm		91
45) 2,6-Dinitrotoluene	24.07	165	1163394	52.28 ppm		92
46) Acenaphthene	24.61	153	3543119	50.53 ppm		93
47) 3-Nitroaniline	24.63	138	1284663	54.14 ppm		91
48) 2,4-Dinitrophenol	25.03	184	561828	56.77 ppm		86
49) Dibenzofuran	25.25	168	5031332	52.03 ppm		95
50) 2,4-Dinitrotoluene	25.49	165	1520489	53.15 ppm	#	69
51) Pentachlorobenzene	25.12	250	1478602	54.07 ppm	#	92
52) 4-Nitrophenol	25.58	139	908236	53.19 ppm	#	74
53) Fluorene	26.40	166	3888534	50.75 ppm		98
54) 4-Chlorophenyl phenyl ethe	26.53	204	1713420	53.99 ppm		98
55) Diethyl phthalate	26.42	149	4319425	51.70 ppm		95
56) 4-Nitroaniline	26.75	138	1301683	51.10 ppm		84
[illegible] 1,2-Diphenylhydrazine	27.02	77	4584575	48.96 ppm		92
59) 4,6-Dinitro-2-methylphenol	26.82	198	906934	52.07 ppm		85
60) N-Nitrosodiphenylamine	26.98	169	3278522	50.45 ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1001007.D Vial: 10
Acq On : 19 Jul 2005 9:32 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 22:26 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
62) 4-Bromophenyl phenyl ether	27.99	248	1063558	50.76 ppm		98
63) Hexachlorobenzene	28.08	284	1289179	51.46 ppm		92
64) Pentachlorophenol	28.77	266	681161	51.16 ppm		100
65) Phenanthrene	29.25	178	5260228	48.58 ppm		99
66) Anthracene	29.39	178	5376519	49.22 ppm		99
67) Di-n-butylphthalate	31.05	149	7653841	49.00 ppm		99
68) Fluoranthene	32.45	202	4923167	49.03 ppm		92
70) Benzidine	32.93	184	3215818	48.33 ppm	#	95
71) Pyrene	33.03	202	5363928	49.20 ppm		91
73) Butyl benzyl phthalate	34.90	149	3397359	47.73 ppm		92
[illegible] 3,3'-Dichlorobenzidine	36.28	252	1904351	56.94 ppm		94
[illegible] Benzo(a)anthracene	36.24	228	4718539	47.88 ppm		99
76) Chrysene	36.38	228	4646740	50.56 ppm		99
77) bis(2-Ethylhexyl)phthalate	36.59	149	4964509	48.08 ppm		98
79) Di-n-octyl phthalate	38.60	149	8011770	47.56 ppm		100
80) Benzo(b)fluoranthene	39.38	252	5334608	47.08 ppm		91
81) Benzo(k)fluoranthene	39.46	252	4477515	50.34 ppm		92
82) Benzo(a)pyrene	40.12	252	4706777	49.49 ppm		92
83) Indeno(1,2,3-cd)pyrene	42.46	276	5383812	48.28 ppm		93
84) Dibenzo(a,h)anthracene	42.51	278	4439000	47.75 ppm		90
85) Benzo(ghi)perylene	43.05	276	4532625	47.18 ppm		95

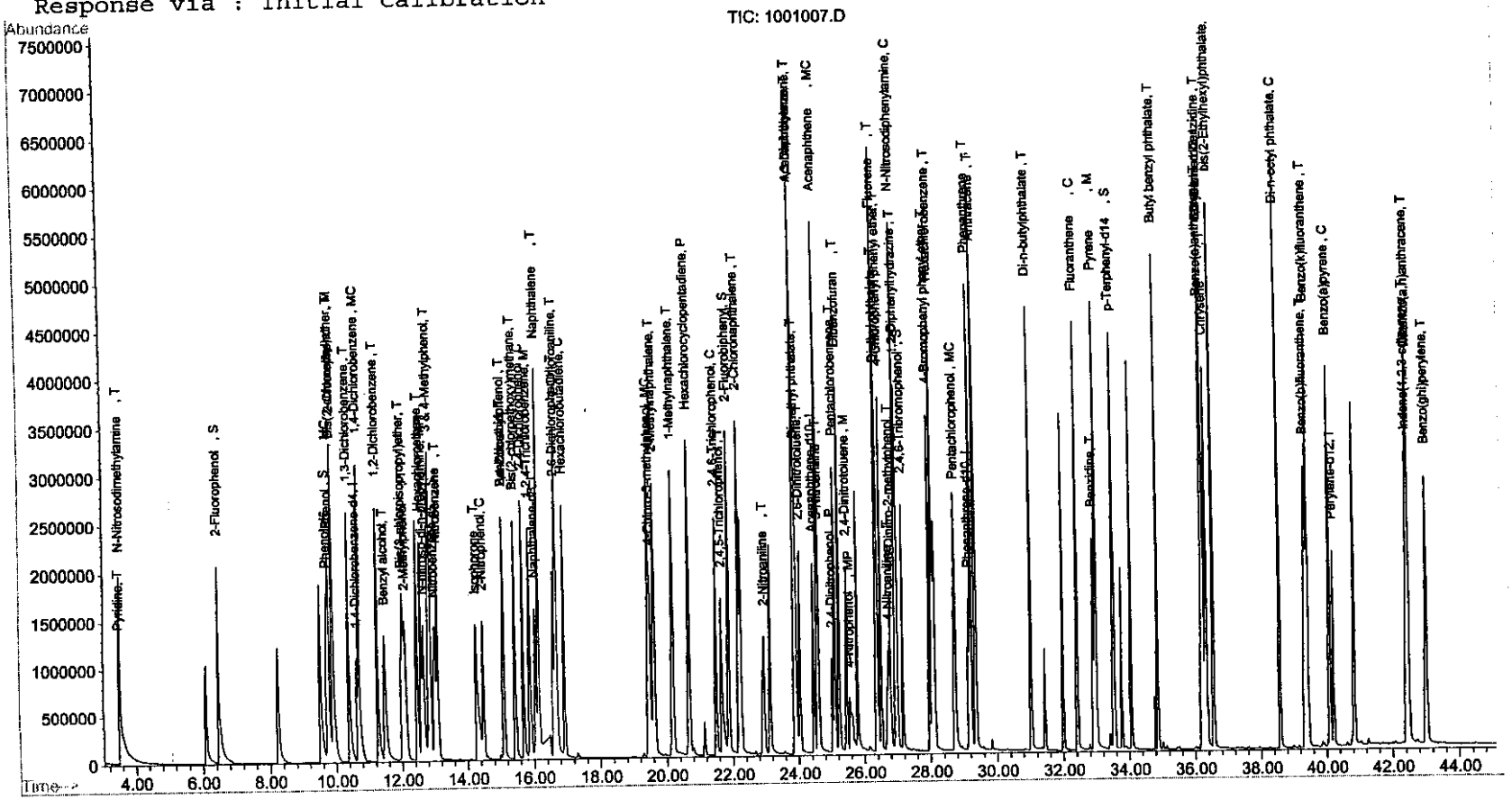
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\071905\1001007.D
Acq On : 19 Jul 2005 9:32 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 22:26 19105

Vial: 10
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1101008.D
Acq On : 19 Jul 2005 10:27 pm
Sample : 05-1579-0012
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:21 19105

Vial: 11
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Low surrogate due to MI & sample dilution 5x 7/20/05 x5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.64	152	1043125	20.00 ppm	-0.03
18) Naphthalene-d8	16.05	136	4005918	20.00 ppm	-0.03
35) Acenaphthene-d10	24.47	164	2083477	20.00 ppm	-0.02
57) Phenanthrene-d10	29.15	188	3134382	20.00 ppm	-0.02
69) Chrysene-d12	36.28	240	2583464	20.00 ppm	0.00
78) Perylene-d12	40.25	264	2034683	20.00 ppm	0.02

System Monitoring Compounds					
4) 2-Fluorophenol	6.51	112	119421m	1.56 ppm	0.02
Spiked Amount 50.000	Range 21 - 100		Recovery	= 3.12%#	
Phenol-d6	9.71	99	205900m	2.13 ppm	-0.06
Spiked Amount 50.000	Range 10 - 94		Recovery	= 4.26%#	
19) Nitrobenzene-d5	12.98	82	102665	1.44 ppm	-0.06
Spiked Amount 50.000	Range 35 - 114		Recovery	= 2.88%#	
39) 2-Fluorobiphenyl	21.85	172	341315	2.76 ppm	-0.07
Spiked Amount 50.000	Range 43 - 116		Recovery	= 5.52%#	
61) 2,4,6-Tribromophenol	27.15	330	119100	4.74 ppm	-0.05
Spiked Amount 50.000	Range 10 - 123		Recovery	= 9.48%#	
72) p-Terphenyl-d14	33.53	244	673502	5.75 ppm	-0.02
Spiked Amount 50.000	Range 33 - 141		Recovery	= 11.50%#	

Target Compounds				Qvalue
2) Pyridine	3.51	79	420	N.D.
3) N-Nitrosodimethylamine	3.34	74	328	N.D.
5) Bis(2-chloroethyl)ether	9.84	93	215	N.D.
7) Phenol	9.80	94	552	N.D.
8) 2-Chlorophenol	9.82	128	121	N.D.
9) 1,3-Dichlorobenzene	10.64	146	145	N.D.
10) 1,4-Dichlorobenzene	10.64	146	145	N.D.
11) 1,2-Dichlorobenzene	10.64	146	145	N.D.
12) Benzyl alcohol	11.47	108	115	N.D.
13) Bis(2-chloroisopropyl)ethe	12.00	45	1541	N.D.
14) 2-Methylphenol	12.18	108	173	N.D.
15) Hexachloroethane	12.87	117	110	N.D.
N-nitroso-di-n-propylamine	12.69	70	627	N.D.
17) 3 & 4-Methylphenol	12.88	107	134	N.D.
20) Nitrobenzene	13.13	77	624	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1101008.D
Acq On : 19 Jul 2005 10:27 pm
ample : 05-1579-0012
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:21 19105

Vial: 11
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.26	82	110	N.D.	
22) 2-Nitrophenol	14.40	139	133	N.D.	
23) 2,4-Dimethylphenol	15.13	107	129	N.D.	
24) Bis(2-chloroethoxy)methane	15.40	93	331	N.D.	
25) 2,4-Dichlorophenol	15.87	162	111	N.D.	
26) Benzoic acid	15.14	122	238	N.D.	
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28) Naphthalene	16.13	128	11832	N.D.	
29) 2,6-Dichlorophenol	16.67	162	210	N.D.	
30) 4-Chloroaniline	16.63	127	228	N.D.	
) Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.52	107	240	N.D.	
33) 2-Methylnaphthalene	19.61	142	37416	N.D.	
34) 1-Methylnaphthalene	20.15	142	12468	N.D.	
36) Hexachlorocyclopentadiene	20.83	237	131	N.D.	
37) 2,4,6-Trichlorophenol	21.54	196	120	N.D.	
38) 2,4,5-Trichlorophenol	21.54	196	120	N.D.	
40) 2-Chloronaphthalene	22.17	162	1756	N.D.	
41) 2-Nitroaniline	22.96	65	637	N.D.	
42) Acenaphthylene	23.87	152	2164	N.D.	
43) Dimethyl phthalate	24.47	163	398350	N.D.	
44) 1,3-Dinitrobenzene	23.89	168	160	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
46) Acenaphthene	24.56	153	6937	N.D.	
47) 3-Nitroaniline	24.62	138	1118	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.21	168	6853	N.D.	
50) 2,4-Dinitrotoluene	25.58	165	2170	N.D.	
51) Pentachlorobenzene	0.00	250	0	N.D.	
52) 4-Nitrophenol	25.34	139	2739	N.D.	
53) Fluorene	26.43	166	1644	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.49	204	1176	N.D.	
55) Diethyl phthalate	26.40	149	788	N.D.	
56) 4-Nitroaniline	26.60	138	3678	N.D.	
) 1,2-Diphenylhydrazine	27.17	77	3839	N.D.	
59) 4,6-Dinitro-2-methylphenol	26.83	198	1559	N.D.	
60) N-Nitrosodiphenylamine	26.96	169	21816	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1101008.D
Acq On : 19 Jul 2005 10:27 pm
Sample : 05-1579-0012
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:21 19105

Vial: 11
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.00	248	639	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	28.78	266	1832m	5.63 ppm	
65) Phenanthrene	29.19	178	72617	N.D.	
66) Anthracene	29.19	178	72904	N.D.	
67) Di-n-butylphthalate	31.03	149	180515	N.D.	
68) Fluoranthene	32.43	202	27502	N.D.	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.00	202	113183	N.D.	
73) Butyl benzyl phthalate	35.12	149	7190	N.D.	
[illegible] 3,3'-Dichlorobenzidine	36.27	252	13452	N.D.	
[illegible]) Benzo(a)anthracene	36.25	228	40724	N.D.	
76) Chrysene	36.31	228	149375	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.57	149	60730	N.D.	
79) Di-n-octyl phthalate	38.62	149	33483	N.D.	
80) Benzo(b)fluoranthene	39.36	252	47274	N.D.	
81) Benzo(k)fluoranthene	39.36	252	47274	N.D.	
82) Benzo(a)pyrene	40.16	252	4019	N.D.	
83) Indeno(1,2,3-cd)pyrene	43.02	276	19500	N.D.	
84) Dibenzo(a,h)anthracene	42.53	278	196	N.D.	
85) Benzo(ghi)perylene	43.02	276	18890	N.D.	

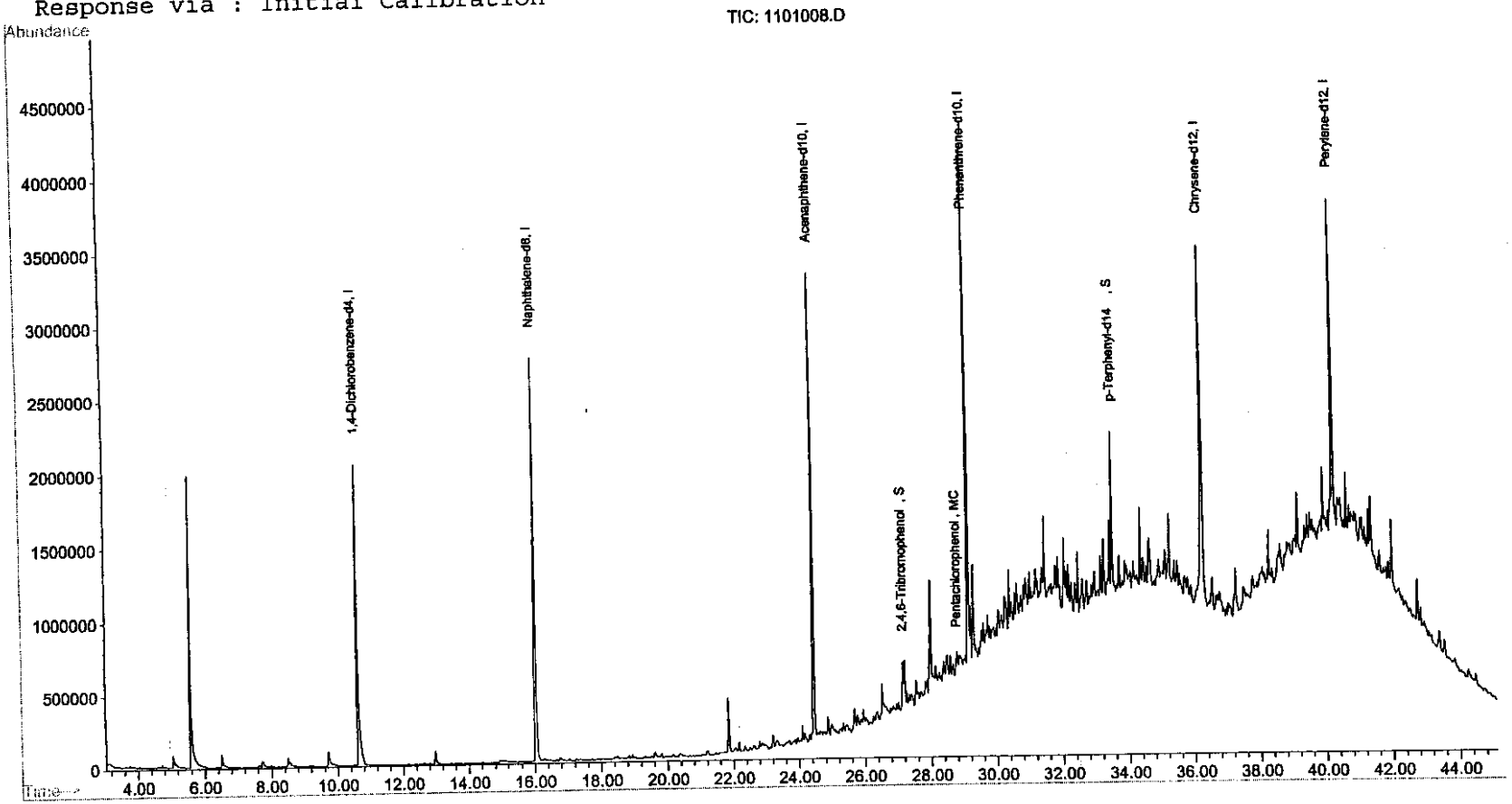
(#) = qualifier out of range (m) = manual integration

Data Fi : C:\HPCHEM\1\DATA\071905\1101008.D
Acq On : 19 Jul 2005 10:27 pm
Sample : 05-1579-0012
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:21 19105

Vial: 11
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1201009.D
Acq On : 19 Jul 2005 11:22 pm
ample : 05-1579-0013
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:24 19105

Vial: 12
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.65	152	923020	20.00 ppm	-0.02
18) Naphthalene-d8	16.06	136	3541277	20.00 ppm	-0.02
35) Acenaphthene-d10	24.52	164	1850340	20.00 ppm	0.04
57) Phenanthrene-d10	29.24	188	2526158	20.00 ppm	0.07
69) Chrysene-d12	36.35	240	2270484	20.00 ppm	0.07
78) Perylene-d12	40.30	264	1458795	20.00 ppm	0.07

System Monitoring Compounds					
4) 2-Fluorophenol	6.51	112	227567	3.36 ppm	0.02
Spiked Amount 50.000	Range 21 - 100		Recovery	= 6.72%#	
) Phenol-d6	9.72	99	334012	3.90 ppm	-0.05
Spiked Amount 50.000	Range 10 - 94		Recovery	= 7.80%#	
19) Nitrobenzene-d5	12.97	82	253796	4.04 ppm	-0.06
Spiked Amount 50.000	Range 35 - 114		Recovery	= 8.08%#	
39) 2-Fluorobiphenyl	21.89	172	654284	5.95 ppm	-0.03
Spiked Amount 50.000	Range 43 - 116		Recovery	= 11.90%#	
61) 2,4,6-Tribromophenol	27.23	330	154544	7.64 ppm	0.04
Spiked Amount 50.000	Range 10 - 123		Recovery	= 15.28%	
72) p-Terphenyl-d14	33.61	244	736448	7.16 ppm	0.06
Spiked Amount 50.000	Range 33 - 141		Recovery	= 14.32%#	

Target Compounds				Qvalue
2) Pyridine	3.42	79	685	N.D.
3) N-Nitrosodimethylamine	3.53	74	462	N.D.
5) Bis(2-chloroethyl)ether	9.94	93	234	N.D.
7) Phenol	9.77	94	5202	N.D.
8) 2-Chlorophenol	10.03	128	322	N.D.
9) 1,3-Dichlorobenzene	10.41	146	133	N.D.
10) 1,4-Dichlorobenzene	10.72	146	115	N.D.
11) 1,2-Dichlorobenzene	10.72	146	115	N.D.
12) Benzyl alcohol	11.47	108	525	N.D.
13) Bis(2-chloroisopropyl)ethe	11.94	45	1548	N.D.
14) 2-Methylphenol	12.03	108	693	N.D.
15) Hexachloroethane	12.70	117	4996	N.D.
) N-nitroso-di-n-propylamine	12.71	70	24763	N.D.
17) 3 & 4-Methylphenol	12.89	107	1011	N.D.
20) Nitrobenzene	13.12	77	2149	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1201009.D
Acq On : 19 Jul 2005 11:22 pm
ample : 05-1579-0013
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:24 19105

Vial: 12
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.28	82	10686	N.D.	
22) 2-Nitrophenol	14.50	139	1421	N.D.	
23) 2,4-Dimethylphenol	15.00	107	1849	N.D.	
24) Bis(2-chloroethoxy)methane	15.43	93	1401	N.D.	
25) 2,4-Dichlorophenol	15.71	162	4127	N.D.	
26) Benzoic acid	15.11	122	2571	N.D.	
27) 1,2,4-Trichlorobenzene	15.90	180	2281	N.D.	
28) Naphthalene	16.14	128	34450	N.D.	
29) 2,6-Dichlorophenol	16.69	162	14508	N.D.	
30) 4-Chloroaniline	16.68	127	17405	N.D.	
` Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.56	107	14382	N.D.	
33) 2-Methylnaphthalene	19.65	142	194069	N.D.	
34) 1-Methylnaphthalene	20.19	142	159575	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.55	196	1053	N.D.	
38) 2,4,5-Trichlorophenol	21.68	196	2497	N.D.	
40) 2-Chloronaphthalene	22.53	162	34693	N.D.	
41) 2-Nitroaniline	22.96	65	3891	N.D.	
42) Acenaphthylene	23.93	152	16347	N.D.	
43) Dimethyl phthalate	24.02	163	12470	N.D.	
44) 1,3-Dinitrobenzene	23.94	168	8857	N.D.	
45) 2,6-Dinitrotoluene	24.66	165	39527	N.D.	
46) Acenaphthene	24.62	153	71418	N.D.	
47) 3-Nitroaniline	24.69	138	25642	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.26	168	30612	N.D.	
50) 2,4-Dinitrotoluene	25.41	165	44278	N.D.	
51) Pentachlorobenzene	25.16	250	575	N.D.	
52) 4-Nitrophenol	0.00	139	0	N.D.	d
53) Fluorene	26.41	166	175128	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.55	204	4448	N.D.	
55) Diethyl phthalate	26.35	149	48437	N.D.	
56) 4-Nitroaniline	27.27	138	18422	N.D.	
1,2-Diphenylhydrazine	27.10	77	21298	N.D.	
59) 4,6-Dinitro-2-methylphenol	26.91	198	10068	N.D.	
60) N-Nitrosodiphenylamine	27.04	169	200616	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1201009.D
Acq On : 19 Jul 2005 11:22 pm
Sample : 05-1579-0013
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:24 19105

Vial: 12
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.06	248	6870	N.D.	
63) Hexachlorobenzene	28.10	284	115	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D. d	
65) Phenanthrene	29.29	178	367977	N.D.	
66) Anthracene	29.29	178	367977	N.D.	
67) Di-n-butylphthalate	31.09	149	269053	N.D.	
68) Fluoranthene	32.52	202	52672	N.D.	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.09	202	249403	N.D.	
73) Butyl benzyl phthalate	35.03	149	40133	N.D.	
[illegible] 3,3'-Dichlorobenzidine	36.34	252	29838	N.D.	
[illegible]) Benzo(a)anthracene	36.40	228	439933	N.D.	
76) Chrysene	36.40	228	448721	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.63	149	61472	N.D.	
79) Di-n-octyl phthalate	38.66	149	46034	N.D.	
80) Benzo(b)fluoranthene	39.42	252	67079	N.D.	
81) Benzo(k)fluoranthene	39.42	252	67079	N.D.	
82) Benzo(a)pyrene	40.05	252	107888	N.D.	
83) Indeno(1,2,3-cd)pyrene	43.05	276	22295	N.D.	
84) Dibenzo(a,h)anthracene	42.61	278	815	N.D.	
85) Benzo(ghi)perylene	43.05	276	22295	N.D.	

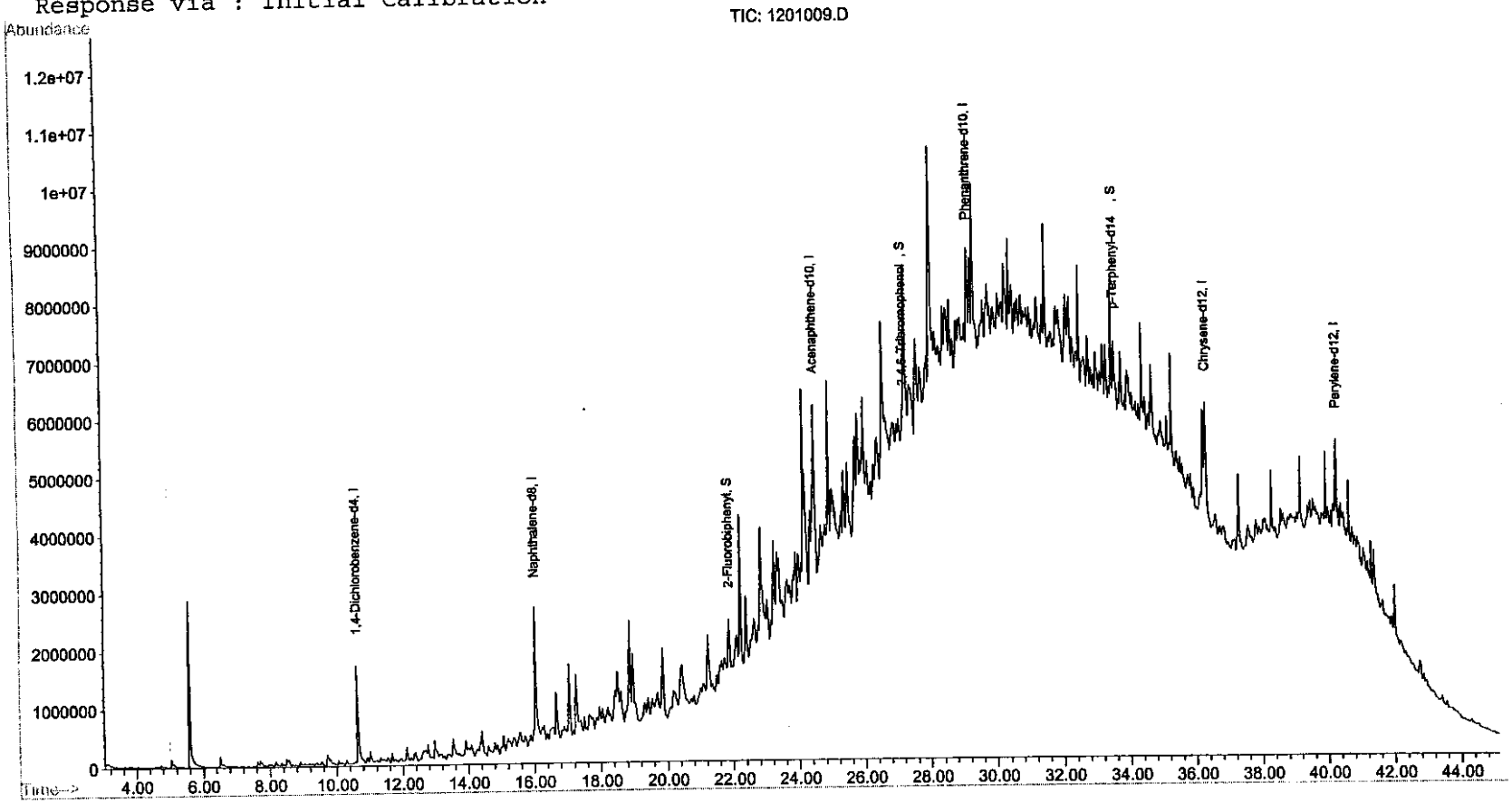
(#) = qualifier out of range (m) = manual integration

Data Fi : C:\HPCHEM\1\DATA\071905\1201009.D
Acq On : 19 Jul 2005 11:22 pm
Sample : 05-1579-0013
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:24 19105

Vial: 12
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1301010.D
Acq On : 20 Jul 2005 12:16 am
Sample : 05-1579-0014
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:27 19105

Vial: 13
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	929389	20.00 ppm	-0.01
18) Naphthalene-d8	16.05	136	3547707	20.00 ppm	-0.02
35) Acenaphthene-d10	24.47	164	1875947	20.00 ppm	-0.01
57) Phenanthrene-d10	29.16	188	2763371	20.00 ppm	-0.01
69) Chrysene-d12	36.33	240	1535683	20.00 ppm	0.05
78) Perylene-d12	40.29	264	518944	20.00 ppm	0.06

System Monitoring Compounds					
4) 2-Fluorophenol	6.54	112	232301	3.41 ppm	0.06
Spiked Amount 50.000	Range 21 - 100		Recovery	= 6.82%#	
5) Phenol-d6	9.72	99	329777	3.83 ppm	-0.04
Spiked Amount 50.000	Range 10 - 94		Recovery	= 7.66%#	
19) Nitrobenzene-d5	12.97	82	234629	3.73 ppm	-0.07
Spiked Amount 50.000	Range 35 - 114		Recovery	= 7.46%#	
39) 2-Fluorobiphenyl	21.86	172	488413	4.38 ppm	-0.07
Spiked Amount 50.000	Range 43 - 116		Recovery	= 8.76%#	
61) 2,4,6-Tribromophenol	27.16	330	99127	4.48 ppm	-0.03
Spiked Amount 50.000	Range 10 - 123		Recovery	= 8.96%#	
72) p-Terphenyl-d14	33.57	244	504484	7.25 ppm	0.02
Spiked Amount 50.000	Range 33 - 141		Recovery	= 14.50%#	

Target Compounds				Qvalue
2) Pyridine	3.46	79	547	N.D.
3) N-Nitrosodimethylamine	3.53	74	1821	N.D.
5) Bis(2-chloroethyl)ether	9.91	93	314	N.D.
7) Phenol	10.03	94	1130	N.D.
8) 2-Chlorophenol	9.97	128	394	N.D.
9) 1,3-Dichlorobenzene	10.70	146	420	N.D.
10) 1,4-Dichlorobenzene	10.70	146	420	N.D.
11) 1,2-Dichlorobenzene	11.26	146	107	N.D.
12) Benzyl alcohol	11.49	108	862	N.D.
13) Bis(2-chloroisopropyl)ethe	12.06	45	442	N.D.
14) 2-Methylphenol	11.94	108	410	N.D.
15) Hexachloroethane	12.54	117	238	N.D.
[illegible]) N-nitroso-di-n-propylamine	12.74	70	3400	N.D.
[illegible]) 3 & 4-Methylphenol	12.86	107	930	N.D.
20) Nitrobenzene	12.89	77	545	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1301010.D
Acq On : 20 Jul 2005 12:16 am
Sample : 05-1579-0014
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:27 19105

Vial: 13
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.30	82	609	N.D.	
22) 2-Nitrophenol	14.35	139	358	N.D.	
23) 2,4-Dimethylphenol	15.13	107	2142	N.D.	
24) Bis(2-chloroethoxy)methane	15.49	93	482	N.D.	
25) 2,4-Dichlorophenol	15.88	162	104	N.D.	
26) Benzoic acid	15.11	122	404	N.D.	
27) 1,2,4-Trichlorobenzene	15.78	180	133	N.D.	
28) Naphthalene	16.13	128	215805	N.D.	
29) 2,6-Dichlorophenol	16.67	162	231	N.D.	
30) 4-Chloroaniline	16.68	127	1122	N.D.	
[illegible] Hexachlorobutadiene	0.00	225	0	N.D.	
[illegible] 4-Chloro-3-methylphenol	19.50	107	248	N.D.	
33) 2-Methylnaphthalene	19.61	142	918351	8.10 ppm	96
34) 1-Methylnaphthalene	20.16	142	277545	N.D.	
36) Hexachlorocyclopentadiene	21.31	237	114	N.D.	
37) 2,4,6-Trichlorophenol	21.31	196	110	N.D.	
38) 2,4,5-Trichlorophenol	21.73	196	112	N.D.	
40) 2-Chloronaphthalene	22.16	162	3707	N.D.	
41) 2-Nitroaniline	22.94	65	5506	N.D.	
42) Acenaphthylene	23.87	152	9575	N.D.	
43) Dimethyl phthalate	24.47	163	358502	N.D.	
44) 1,3-Dinitrobenzene	24.06	168	832	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
46) Acenaphthene	24.56	153	28229	N.D.	
47) 3-Nitroaniline	24.61	138	1249	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D. d	
49) Dibenzofuran	25.21	168	41735	N.D.	
50) 2,4-Dinitrotoluene	25.33	165	13764	N.D.	
51) Pentachlorobenzene	25.48	250	118	N.D.	
52) 4-Nitrophenol	25.71	139	8969	N.D.	
53) Fluorene	26.35	166	22273	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.55	204	486	N.D.	
55) Diethyl phthalate	26.35	149	17605	N.D.	
56) 4-Nitroaniline	26.71	138	1266	N.D.	
[illegible] 1,2-Diphenylhydrazine	26.70	77	10936	N.D.	
59) 4,6-Dinitro-2-methylphenol	27.35	198	4532	N.D.	
60) N-Nitrosodiphenylamine	26.98	169	42370	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1301010.D
Acq On : 20 Jul 2005 12:16 am
Sample : 05-1579-0014
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:27 19105

Vial: 13
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.01	248	349	N.D.	
63) Hexachlorobenzene	27.52	284	122	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D. d	
65) Phenanthrene	29.21	178	592840	N.D.	
66) Anthracene	29.21	178	592840	N.D.	
67) Di-n-butylphthalate	31.05	149	809505	N.D.	
68) Fluoranthene	32.46	202	84013	N.D.	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.04	202	650015	6.16 ppm C RL	83
73) Butyl benzyl phthalate	35.01	149	19985	N.D.	
74) 3,3'-Dichlorobenzidine	36.61	252	15190	N.D.	
) Benzo(a)anthracene	36.31	228	76133	N.D.	
76) Chrysene	36.38	228	393910	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.63	149	38867	N.D.	
79) Di-n-octyl phthalate	38.44	149	20085	N.D.	
80) Benzo(b)fluoranthene	39.43	252	30007	N.D.	
81) Benzo(k)fluoranthene	39.43	252	30007	N.D.	
82) Benzo(a)pyrene	40.16	252	33866	N.D.	
83) Indeno(1,2,3-cd)pyrene	43.05	276	6372	N.D.	
84) Dibenzo(a,h)anthracene	42.60	278	1353	N.D.	
85) Benzo(ghi)perylene	43.05	276	6372	N.D.	

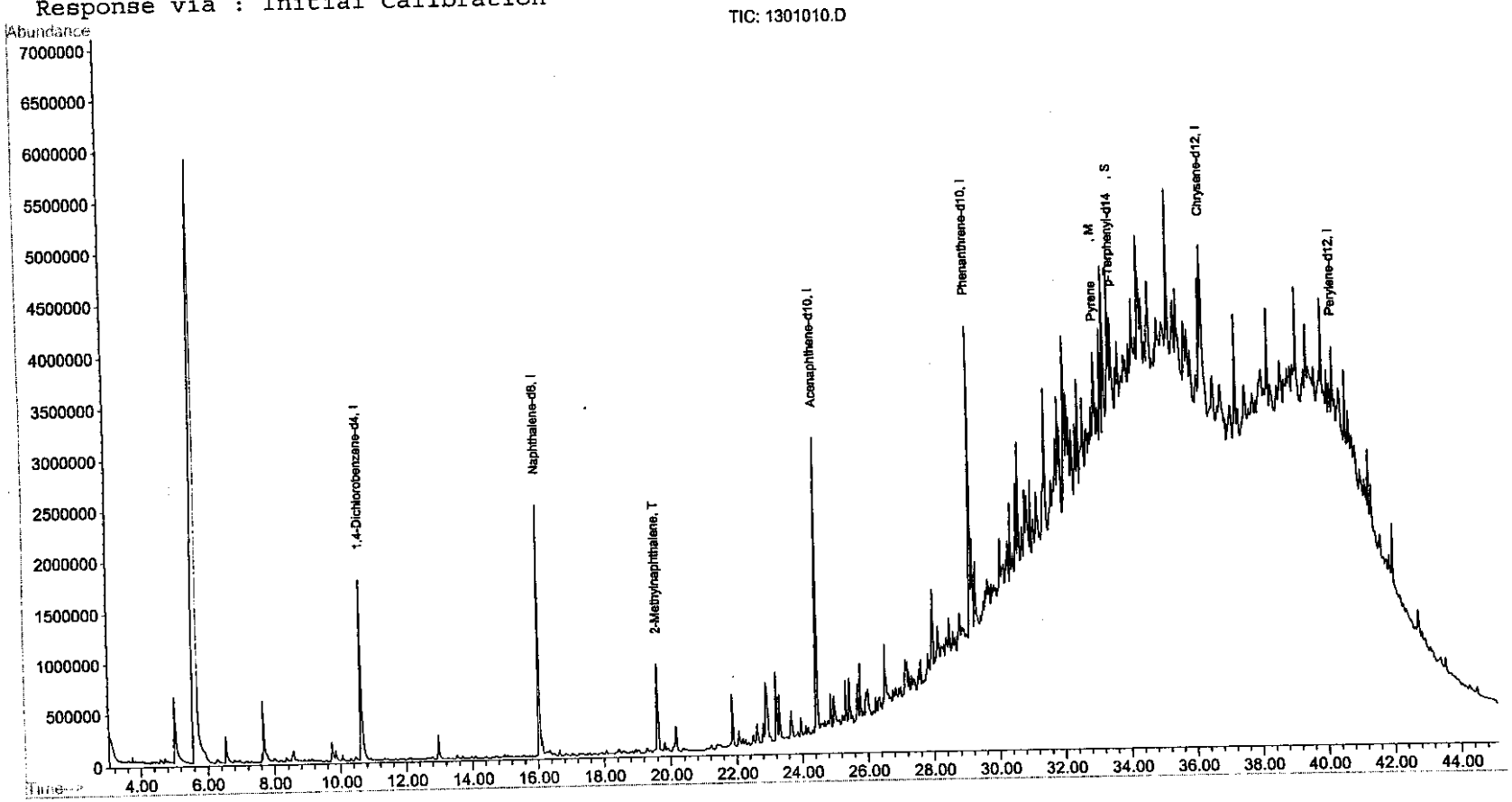
(#) = qualifier out of range (m) = manual integration

Data F : C:\HPCHEM\1\DATA\071905\1301010.D
Acq On : 20 Jul 2005 12:16 am
Sample : 05-1579-0014
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:27 19105

Vial: 13
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1401011.D
Acq On : 20 Jul 2005 1:11 am
Sample : 05-1579-0015
isc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:32 19105

Vial: 14
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.65	152	856050	20.00 ppm	-0.02
18) Naphthalene-d8	16.06	136	3373959	20.00 ppm	-0.02
35) Acenaphthene-d10	24.51	164	1786137	20.00 ppm	0.03
57) Phenanthrene-d10	29.24	188	2485929	20.00 ppm	0.07
69) Chrysene-d12	36.38	240	1741063	20.00 ppm	0.09
78) Perylene-d12	40.30	264	745895	20.00 ppm	0.07

System Monitoring Compounds					
4) 2-Fluorophenol	6.56	112	344942	5.49 ppm	0.07
Spiked Amount 50.000	Range 21 - 100		Recovery	= 10.98%#	
6) Phenol-d6	9.74	99	452890	5.70 ppm	-0.03
Spiked Amount 50.000	Range 10 - 94		Recovery	= 11.40%	
19) Nitrobenzene-d5	12.98	82	331073	5.53 ppm	-0.06
Spiked Amount 50.000	Range 35 - 114		Recovery	= 11.06%#	
39) 2-Fluorobiphenyl	21.88	172	698349	6.58 ppm	-0.04
Spiked Amount 50.000	Range 43 - 116		Recovery	= 13.16%#	
61) 2,4,6-Tribromophenol	27.22	330	151530	7.61 ppm	0.03
Spiked Amount 50.000	Range 10 - 123		Recovery	= 15.22%	
72) p-Terphenyl-d14	33.64	244	629241	7.98 ppm	0.09
Spiked Amount 50.000	Range 33 - 141		Recovery	= 15.96%#	

Target Compounds					Qvalue
2) Pyridine	3.44	79	817	N.D.	
3) N-Nitrosodimethylamine	3.47	74	837	N.D.	
5) Bis(2-chloroethyl)ether	9.79	93	1279	N.D.	
7) Phenol	9.79	94	4746	N.D.	
8) 2-Chlorophenol	9.93	128	217	N.D.	
9) 1,3-Dichlorobenzene	10.72	146	346	N.D.	
10) 1,4-Dichlorobenzene	10.72	146	346	N.D.	
11) 1,2-Dichlorobenzene	11.82	146	129	N.D.	
12) Benzyl alcohol	11.53	108	112	N.D.	
13) Bis(2-chloroisopropyl)ethe	12.26	45	1917	N.D.	
14) 2-Methylphenol	11.81	108	514	N.D.	
15) Hexachloroethane	12.63	117	1074	N.D.	
16) N-nitroso-di-n-propylamine	12.70	70	11674	N.D.	
17) 3 & 4-Methylphenol	12.89	107	6079	N.D.	
20) Nitrobenzene	13.03	77	1438	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1401011.D
Acq On : 20 Jul 2005 1:11 am
Sample : 05-1579-0015
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:32 19105

Vial: 14
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.27	82	5565	N.D.	
22) 2-Nitrophenol	14.48	139	481	N.D.	
23) 2,4-Dimethylphenol	15.10	107	3504	N.D.	
24) Bis(2-chloroethoxy)methane	15.47	93	625	N.D.	
25) 2,4-Dichlorophenol	15.69	162	507	N.D.	
26) Benzoic acid	15.12	122	2907	N.D.	
27) 1,2,4-Trichlorobenzene	15.92	180	1449	N.D.	
28) Naphthalene	16.15	128	13676	N.D.	
29) 2,6-Dichlorophenol	16.97	162	3934	N.D.	
30) 4-Chloroaniline	16.70	127	498	N.D.	
1) Hexachlorobutadiene	16.78	225	101	N.D.	
32) 4-Chloro-3-methylphenol	19.09	107	2671	N.D.	
33) 2-Methylnaphthalene	19.64	142	30951	N.D.	
34) 1-Methylnaphthalene	20.19	142	17252	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.53	196	663	N.D.	
38) 2,4,5-Trichlorophenol	21.73	196	2217	N.D.	
40) 2-Chloronaphthalene	22.69	162	11459	N.D.	
41) 2-Nitroaniline	23.51	65	10256	N.D.	
42) Acenaphthylene	23.92	152	44402	N.D.	
43) Dimethyl phthalate	23.89	163	11552	N.D.	
44) 1,3-Dinitrobenzene	24.15	168	1599	N.D.	
45) 2,6-Dinitrotoluene	24.03	165	28595	N.D.	
46) Acenaphthene	24.60	153	11000	N.D.	
47) 3-Nitroaniline	24.66	138	14526	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.32	168	1806	N.D.	
50) 2,4-Dinitrotoluene	25.52	165	36379	N.D.	
51) Pentachlorobenzene	25.17	250	115	N.D.	
52) 4-Nitrophenol	25.61	139	9861	N.D.	
53) Fluorene	26.41	166	23441	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.53	204	3942	N.D.	
55) Diethyl phthalate	26.23	149	29569	N.D.	
56) 4-Nitroaniline	26.61	138	15710	N.D.	
8) 1,2-Diphenylhydrazine	27.23	77	19976	N.D.	
59) 4,6-Dinitro-2-methylphenol	27.31	198	23277	N.D.	
60) N-Nitrosodiphenylamine	27.03	169	159026	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1401011.D
Acq On : 20 Jul 2005 1:11 am
Sample : 05-1579-0015
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:32 19105

Vial: 14
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.02	248	2824	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	28.34	266	3547	~~5.74~~ ppm ND	97
65) Phenanthrene	29.31	178	124265	N.D.	
66) Anthracene	29.47	178	67604	N.D.	
67) Di-n-butylphthalate	31.12	149	169992	N.D.	
68) Fluoranthene	32.56	202	116823	N.D.	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.14	202	610651	5.11 ppm < RL	92
73) Butyl benzyl phthalate	34.69	149	28622	N.D.	
74) 3,3'-Dichlorobenzidine	36.39	252	32261	N.D.	
75) Benzo(a)anthracene	0.00	228	0	N.D. d	
76) Chrysene	36.42	228	569325	5.65 ppm # < RL	74
77) bis(2-Ethylhexyl)phthalate	36.65	149	89016	N.D.	
79) Di-n-octyl phthalate	38.67	149	43462	N.D.	
80) Benzo(b)fluoranthene	40.06	252	80543	N.D.	
81) Benzo(k)fluoranthene	39.43	252	82788	N.D.	
82) Benzo(a)pyrene	40.17	252	39533	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.47	276	8176	N.D.	
84) Dibenzo(a,h)anthracene	42.62	278	1463	N.D.	
85) Benzo(ghi)perylene	43.05	276	26781	N.D.	

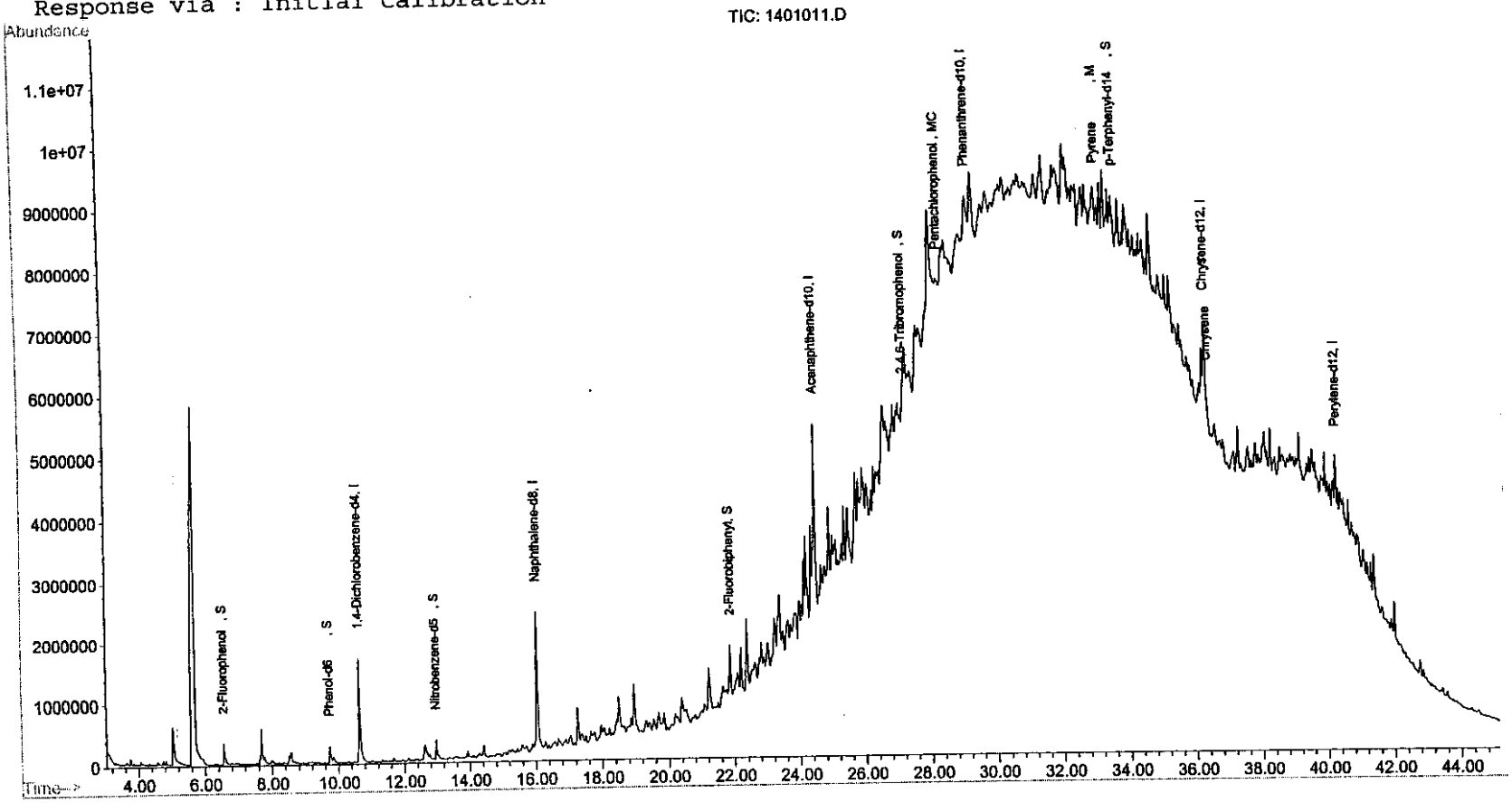
(#) = qualifier out of range (m) = manual integration

Data F : C:\HPCHEM\1\DATA\071905\1401011.D
Acq On : 20 Jul 2005 1:11 am
Sample : 05-1579-0015
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 9:32 19105

Vial: 14
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1601013.D Vial: 16
Acq On : 20 Jul 2005 3:00 am Operator: KMI
Sample : 05-1579-0018 Inst : GC/MS Ins
Misc : 5x Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 10:02 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.63	152	286992	20.00 ppm	-0.04
18) Naphthalene-d8	16.03	136	1554101	20.00 ppm	-0.04
35) Acenaphthene-d10	24.46	164	1187420	20.00 ppm	-0.02
57) Phenanthrene-d10	29.15	188	2243317	20.00 ppm	-0.02
69) Chrysene-d12	36.26	240	1727814	20.00 ppm	-0.02
78) Perylene-d12	40.24	264	778338	20.00 ppm	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	6.48	112	108289m	5.14 ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery	= 10.28%#	
6) Phenol-d6	9.73	99	153970	5.78 ppm	-0.04
Spiked Amount 50.000	Range 10 - 94		Recovery	= 11.56%	
19) Nitrobenzene-d5	12.96	82	120197m	4.36 ppm	-0.07
Spiked Amount 50.000	Range 35 - 114		Recovery	= 8.72%#	
39) 2-Fluorobiphenyl	21.86	172	305280	4.33 ppm	-0.06
Spiked Amount 50.000	Range 43 - 116		Recovery	= 8.66%#	
61) 2,4,6-Tribromophenol	27.16	330	89233	4.97 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery	= 9.94%#	
72) p-Terphenyl-d14	33.53	244	560704	7.16 ppm	-0.02
Spiked Amount 50.000	Range 33 - 141		Recovery	= 14.32%#	

Target Compounds				Qvalue
2) Pyridine	3.64	79	708	N.D.
3) N-Nitrosodimethylamine	3.69	74	636	N.D.
5) Bis(2-chloroethyl)ether	9.89	93	469	N.D.
7) Phenol	9.79	94	8544	N.D.
8) 2-Chlorophenol	9.84	128	984	N.D.
9) 1,3-Dichlorobenzene	10.36	146	220	N.D.
10) 1,4-Dichlorobenzene	10.68	146	336	N.D.
11) 1,2-Dichlorobenzene	11.31	146	206	N.D.
12) Benzyl alcohol	11.46	108	625	N.D.
13) Bis(2-chloroisopropyl)ethe	12.05	45	1639	N.D.
14) 2-Methylphenol	11.84	108	627	N.D.
15) Hexachloroethane	12.56	117	568	N.D.
) N-nitroso-di-n-propylamine	12.57	70	1006	N.D.
17) 3 & 4-Methylphenol	12.82	107	405	N.D.
20) Nitrobenzene	13.08	77	911	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1601013.D
Acq On : 20 Jul 2005 3:00 am
Sample : 05-1579-0018
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 10:02 19105

Vial: 16
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.31	82	1214	N.D.	
22) 2-Nitrophenol	14.21	139	1148	N.D.	
23) 2,4-Dimethylphenol	15.10	107	847	N.D.	
24) Bis(2-chloroethoxy)methane	15.43	93	331	N.D.	
25) 2,4-Dichlorophenol	15.71	162	115	N.D.	
26) Benzoic acid	15.13	122	1462	N.D.	
27) 1,2,4-Trichlorobenzene	15.90	180	262	N.D.	
28) Naphthalene	16.12	128	17889	N.D.	
29) 2,6-Dichlorophenol	16.63	162	116	N.D.	
30) 4-Chloroaniline	16.67	127	911	N.D.	
1) Hexachlorobutadiene	16.80	225	157	N.D.	
32) 4-Chloro-3-methylphenol	19.50	107	1265	N.D.	
33) 2-Methylnaphthalene	19.60	142	39253	N.D.	
34) 1-Methylnaphthalene	20.16	142	20665	N.D.	
36) Hexachlorocyclopentadiene	20.63	237	107	N.D.	
37) 2,4,6-Trichlorophenol	21.47	196	107	N.D.	
38) 2,4,5-Trichlorophenol	21.68	196	155	N.D.	
40) 2-Chloronaphthalene	22.23	162	1024	N.D.	
41) 2-Nitroaniline	22.95	65	326	N.D.	
42) Acenaphthylene	23.89	152	5230	N.D.	
43) Dimethyl phthalate	24.46	163	227589	N.D.	
44) 1,3-Dinitrobenzene	23.87	168	651	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
46) Acenaphthene	24.56	153	5330	N.D.	
47) 3-Nitroaniline	24.64	138	378	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.22	168	4717	N.D.	
50) 2,4-Dinitrotoluene	25.49	165	2091	N.D.	
51) Pentachlorobenzene	25.10	250	113	N.D.	
52) 4-Nitrophenol	25.38	139	617	N.D.	
53) Fluorene	26.36	166	16376	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.03	204	1311	N.D.	
55) Diethyl phthalate	26.44	149	730	N.D.	
56) 4-Nitroaniline	26.68	138	470	N.D.	
3) 1,2-Diphenylhydrazine	27.17	77	2536	N.D.	
59) 4,6-Dinitro-2-methylphenol	27.19	198	1508	N.D.	
60) N-Nitrosodiphenylamine	26.80	169	4127	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1601013.D
Acq On : 20 Jul 2005 3:00 am
Sample : 05-1579-0018
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 10:02 19105

Vial: 16
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	27.90	248	523	N.D.	
63) Hexachlorobenzene	28.06	284	145	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D.	d
65) Phenanthrene	29.20	178	71543	N.D.	
66) Anthracene	29.20	178	71543	N.D.	
67) Di-n-butylphthalate	31.02	149	254386	N.D.	
68) Fluoranthene	32.43	202	46439	N.D.	
70) Benzidine	0.00	184	0	N.D.	d
71) Pyrene	32.99	202	57248	N.D.	
73) Butyl benzyl phthalate	34.87	149	7751	N.D.	
74) 3,3'-Dichlorobenzidine	36.29	252	450	N.D.	
75) Benzo(a)anthracene	36.23	228	24458	N.D.	
76) Chrysene	36.30	228	40108	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.58	149	85497	N.D.	
79) Di-n-octyl phthalate	38.60	149	55383	N.D.	
80) Benzo(b)fluoranthene	39.36	252	19290	N.D.	
81) Benzo(k)fluoranthene	39.36	252	19290	N.D.	
82) Benzo(a)pyrene	40.10	252	9375	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.46	276	4749	N.D.	
84) Dibenzo(a,h)anthracene	42.55	278	439	N.D.	
85) Benzo(ghi)perylene	43.02	276	14621	N.D.	

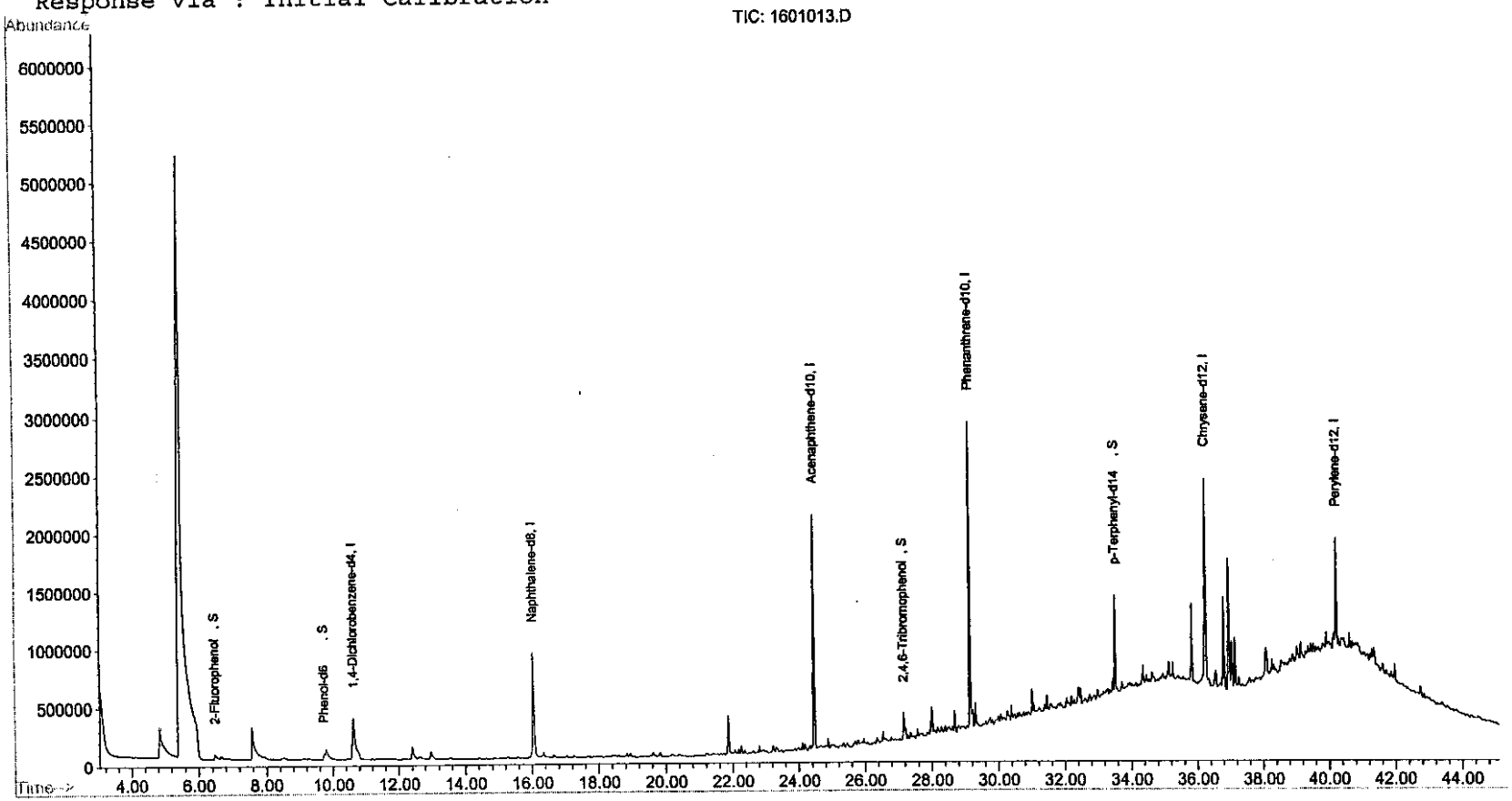
(#) = qualifier out of range (m) = manual integration

Data F : C:\HPCHEM\1\DATA\071905\1601013.D
Acq On : 20 Jul 2005 3:00 am
Sample : 05-1579-0018
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 10:02 19105

Vial: 16
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1701014.D
Acq On : 20 Jul 2005 3:54 am
Sample : 05-1579-0019
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:34 19105

Vial: 17
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	859034	20.00 ppm	0.00
18) Naphthalene-d8	16.06	136	3272873	20.00 ppm	-0.02
35) Acenaphthene-d10	24.48	164	1695582	20.00 ppm	0.00
57) Phenanthrene-d10	29.17	188	2619918	20.00 ppm	0.00
69) Chrysene-d12	36.30	240	1633081	20.00 ppm	0.02
78) Perylene-d12	40.25	264	610650	20.00 ppm	0.02

System Monitoring Compounds					
4) 2-Fluorophenol	6.61	112	270507	4.29 ppm	0.12
Spiked Amount 50.000	Range 21 - 100		Recovery	= 8.58%#	
5) Phenol-d6	9.75	99	383078	4.81 ppm	-0.02
Spiked Amount 50.000	Range 10 - 94		Recovery	= 9.62%#	
19) Nitrobenzene-d5	12.99	82	216677	3.73 ppm	-0.05
Spiked Amount 50.000	Range 35 - 114		Recovery	= 7.46%#	
39) 2-Fluorobiphenyl	21.88	172	397258	3.94 ppm	-0.05
Spiked Amount 50.000	Range 43 - 116		Recovery	= 7.88%#	
61) 2,4,6-Tribromophenol	27.17	330	98549	4.70 ppm	-0.03
Spiked Amount 50.000	Range 10 - 123		Recovery	= 9.40%#	
72) p-Terphenyl-d14	33.57	244	496295	6.71 ppm	0.02
Spiked Amount 50.000	Range 33 - 141		Recovery	= 13.42%#	

Target Compounds				Qvalue
2) Pyridine	3.42	79	589	N.D.
3) N-Nitrosodimethylamine	3.55	74	279	N.D.
5) Bis(2-chloroethyl)ether	9.92	93	756	N.D.
7) Phenol	9.80	94	7166	N.D.
8) 2-Chlorophenol	9.92	128	362	N.D.
9) 1,3-Dichlorobenzene	10.15	146	104	N.D.
10) 1,4-Dichlorobenzene	10.72	146	299	N.D.
11) 1,2-Dichlorobenzene	11.30	146	108	N.D.
12) Benzyl alcohol	11.50	108	389	N.D.
13) Bis(2-chloroisopropyl)ethe	12.01	45	563	N.D.
14) 2-Methylphenol	12.51	108	247	N.D.
15) Hexachloroethane	12.60	117	238	N.D.
16) N-nitroso-di-n-propylamine	12.73	70	1596	N.D.
17) 3 & 4-Methylphenol	13.05	107	318	N.D.
20) Nitrobenzene	12.49	77	2064	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1701014.D
Acq On : 20 Jul 2005 3:54 am
Sample : 05-1579-0019
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:34 19105

Vial: 17
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.18	82	491	N.D.	
22) 2-Nitrophenol	14.54	139	215	N.D.	
23) 2,4-Dimethylphenol	15.14	107	1365	N.D.	
24) Bis(2-chloroethoxy)methane	15.48	93	1147	N.D.	
25) 2,4-Dichlorophenol	15.69	162	167	N.D.	
26) Benzoic acid	15.13	122	1254	N.D.	
27) 1,2,4-Trichlorobenzene	15.92	180	888	N.D.	
28) Naphthalene	16.14	128	53671	N.D.	
29) 2,6-Dichlorophenol	16.30	162	555	N.D.	
30) 4-Chloroaniline	16.38	127	1431	N.D.	
31) Hexachlorobutadiene	16.95	225	107	N.D.	
32) 4-Chloro-3-methylphenol	19.51	107	345	N.D.	
33) 2-Methylnaphthalene	19.62	142	43012	N.D.	
34) 1-Methylnaphthalene	20.17	142	22598	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.60	196	147	N.D.	
38) 2,4,5-Trichlorophenol	21.73	196	481	N.D.	
40) 2-Chloronaphthalene	22.67	162	2566	N.D.	
41) 2-Nitroaniline	23.00	65	2984	N.D.	
42) Acenaphthylene	23.89	152	8797	N.D.	
43) Dimethyl phthalate	24.48	163	338929	N.D.	
44) 1,3-Dinitrobenzene	23.33	168	2345	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
46) Acenaphthene	24.57	153	31350	N.D.	
47) 3-Nitroaniline	24.63	138	4461	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.22	168	29966	N.D.	
50) 2,4-Dinitrotoluene	25.46	165	5615	N.D.	
51) Pentachlorobenzene	25.60	250	106	N.D.	
52) 4-Nitrophenol	25.40	139	1111	N.D.	
53) Fluorene	26.37	166	43625	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.56	204	554	N.D.	
55) Diethyl phthalate	26.36	149	9640	N.D.	
56) 4-Nitroaniline	26.77	138	2675	N.D.	
57) 1,2-Diphenylhydrazine	27.07	77	5212	N.D.	
59) 4,6-Dinitro-2-methylphenol	26.86	198	1338	N.D.	
60) N-Nitrosodiphenylamine	26.98	169	25571	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1701014.D Vial: 17
Acq On : 20 Jul 2005 3:54 am Operator: KMI
Sample : 05-1579-0019 Inst : GC/MS Ins
Misc : 5x Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:34 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.00	248	2513	N.D.	
63) Hexachlorobenzene	28.08	284	101	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D.	d
65) Phenanthrene	29.23	178	441280	N.D.	
66) Anthracene	29.23	178	441280	N.D.	
67) Di-n-butylphthalate	31.04	149	175969	N.D.	
68) Fluoranthene	32.46	202	339665	N.D.	
70) Benzidine	0.00	184	0	N.D.	d
71) Pyrene	33.03	202	391787	N.D.	
73) Butyl benzyl phthalate	34.99	149	24843	N.D.	
74) 3,3'-Dichlorobenzidine	36.30	252	7269	N.D.	
[illegible]) Benzo(a)anthracene	36.28	228	106533	N.D.	
76) Chrysene	36.35	228	297198	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.60	149	42614	N.D.	
79) Di-n-octyl phthalate	38.64	149	24005	N.D.	
80) Benzo(b)fluoranthene	39.38	252	98284	N.D.	
81) Benzo(k)fluoranthene	39.38	252	98284	N.D.	
82) Benzo(a)pyrene	40.13	252	30472	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.45	276	9026	N.D.	
84) Dibenzo(a,h)anthracene	42.47	278	6218	N.D.	
85) Benzo(ghi)perylene	43.02	276	25062	N.D.	

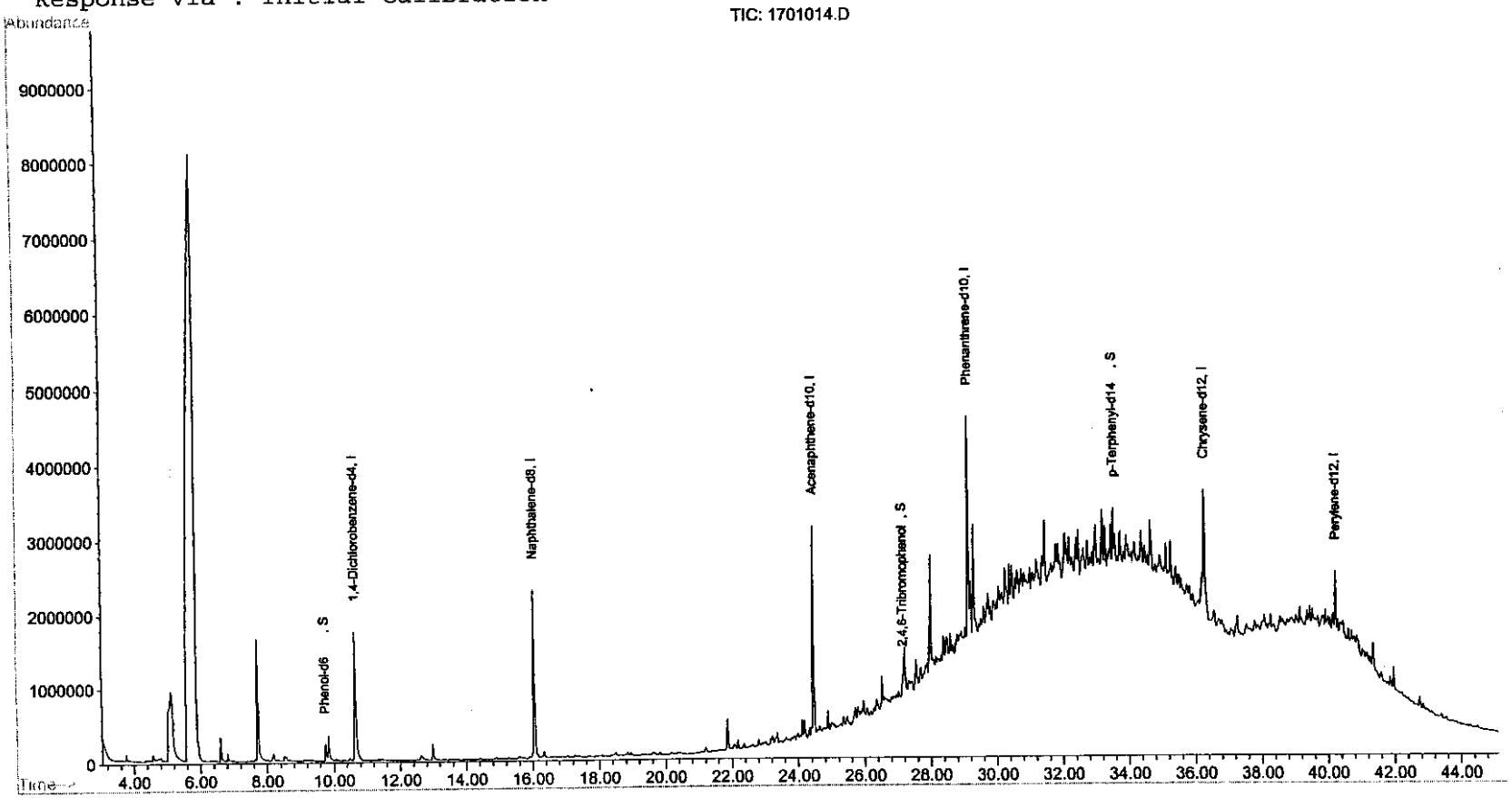
(#) = qualifier out of range (m) = manual integration

Data Fi : C:\HPCHEM\1\DATA\071905\1701014.D
Acq On : 20 Jul 2005 3:54 am
Sample : 05-1579-0019
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:34 19105

Vial: 17
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1801015.D
Acq On : 20 Jul 2005 4:48 am
Sample : 05-1579-0020
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:37 19105

Vial: 18
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	999144	20.00 ppm	0.00
18) Naphthalene-d8	16.07	136	3906053	20.00 ppm	0.00
35) Acenaphthene-d10	24.48	164	2024910	20.00 ppm	0.00
57) Phenanthrene-d10	29.16	188	3054399	20.00 ppm	0.00
69) Chrysene-d12	36.28	240	1734231	20.00 ppm	0.00
78) Perylene-d12	40.24	264	721492	20.00 ppm	0.00

System Monitoring Compounds					
4) 2-Fluorophenol	6.60	112	353602	4.82 ppm	0.12
Spiked Amount 50.000	Range 21 - 100		Recovery	= 9.64%#	
6) Phenol-d6	9.76	99	460428	4.97 ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery	= 9.94%#	
19) Nitrobenzene-d5	12.99	82	332771	4.80 ppm	-0.05
Spiked Amount 50.000	Range 35 - 114		Recovery	= 9.60%#	
39) 2-Fluorobiphenyl	21.87	172	649154	5.39 ppm	-0.05
Spiked Amount 50.000	Range 43 - 116		Recovery	= 10.78%#	
61) 2,4,6-Tribromophenol	27.16	330	123051	5.03 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery	= 10.06%	
72) p-Terphenyl-d14	33.54	244	673205	8.57 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery	= 17.14%#	

Target Compounds				Qvalue
2) Pyridine	3.53	79	1971	N.D.
3) N-Nitrosodimethylamine	3.61	74	780	N.D.
5) Bis(2-chloroethyl)ether	9.90	93	199	N.D.
7) Phenol	9.81	94	9230	N.D.
8) 2-Chlorophenol	9.91	128	282	N.D.
9) 1,3-Dichlorobenzene	10.69	146	268	N.D.
10) 1,4-Dichlorobenzene	10.69	146	268	N.D.
11) 1,2-Dichlorobenzene	10.69	146	268	N.D.
12) Benzyl alcohol	11.49	108	38052	N.D.
13) Bis(2-chloroisopropyl)ethe	12.09	45	543	N.D.
14) 2-Methylphenol	12.16	108	1535	N.D.
15) Hexachloroethane	12.65	117	414	N.D.
5) N-nitroso-di-n-propylamine	12.47	70	1675	N.D.
17) 3 & 4-Methylphenol	12.79	107	834	N.D.
20) Nitrobenzene	13.15	77	352	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1801015.D
Acq On : 20 Jul 2005 4:48 am
Sample : 05-1579-0020
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:37 19105

Vial: 18
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.30	82	401	N.D.	
22) 2-Nitrophenol	14.53	139	122	N.D.	
23) 2,4-Dimethylphenol	15.13	107	1461	N.D.	
24) Bis(2-chloroethoxy)methane	15.45	93	1147	N.D.	
25) 2,4-Dichlorophenol	15.81	162	386	N.D.	
26) Benzoic acid	15.15	122	1507	N.D.	
27) 1,2,4-Trichlorobenzene	15.97	180	110	N.D.	
28) Naphthalene	16.14	128	14871	N.D.	
29) 2,6-Dichlorophenol	16.71	162	106	N.D.	
30) 4-Chloroaniline	16.71	127	191	N.D.	
31) Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.52	107	1501	N.D.	
33) 2-Methylnaphthalene	19.62	142	29388	N.D.	
34) 1-Methylnaphthalene	20.17	142	14493	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.73	196	105	N.D.	
38) 2,4,5-Trichlorophenol	21.73	196	105	N.D.	
40) 2-Chloronaphthalene	22.50	162	1593	N.D.	
41) 2-Nitroaniline	23.57	65	696	N.D.	
42) Acenaphthylene	23.88	152	8872	N.D.	
43) Dimethyl phthalate	24.48	163	394504	N.D.	
44) 1,3-Dinitrobenzene	23.94	168	130	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
46) Acenaphthene	24.57	153	3600	N.D.	
47) 3-Nitroaniline	24.63	138	909	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.21	168	1793	N.D.	
50) 2,4-Dinitrotoluene	25.62	165	789	N.D.	
51) Pentachlorobenzene	0.00	250	0	N.D.	
52) 4-Nitrophenol	25.67	139	540	N.D.	
53) Fluorene	26.36	166	9546	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.98	204	1460	N.D.	
55) Diethyl phthalate	26.35	149	5992	N.D.	
56) 4-Nitroaniline	26.75	138	403	N.D.	
3) 1,2-Diphenylhydrazine	26.92	77	3256	N.D.	
59) 4,6-Dinitro-2-methylphenol	26.82	198	203	N.D.	
60) N-Nitrosodiphenylamine	26.96	169	4400	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1801015.D
Acq On : 20 Jul 2005 4:48 am
Sample : 05-1579-0020
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:37 19105

Vial: 18
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	27.96	248	454	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D.	d
65) Phenanthrene	29.20	178	49085	N.D.	
66) Anthracene	29.35	178	58438	N.D.	
67) Di-n-butylphthalate	31.03	149	429352	N.D.	
68) Fluoranthene	32.43	202	29836	N.D.	
70) Benzidine	0.00	184	0	N.D.	d
71) Pyrene	33.01	202	88736	N.D.	
73) Butyl benzyl phthalate	34.89	149	298401	N.D.	
74) 3,3'-Dichlorobenzidine	36.49	252	1634	N.D.	
75) Benzo(a)anthracene	36.24	228	31906	N.D.	
76) Chrysene	36.32	228	58361	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.58	149	165346	N.D.	
79) Di-n-octyl phthalate	38.59	149	83429	N.D.	
80) Benzo(b)fluoranthene	39.36	252	23312	N.D.	
81) Benzo(k)fluoranthene	40.10	252	9042	N.D.	
82) Benzo(a)pyrene	40.10	252	12838	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.43	276	8758	N.D.	
84) Dibenzo(a,h)anthracene	42.24	278	3104	N.D.	
85) Benzo(ghi)perylene	43.02	276	24111	N.D.	

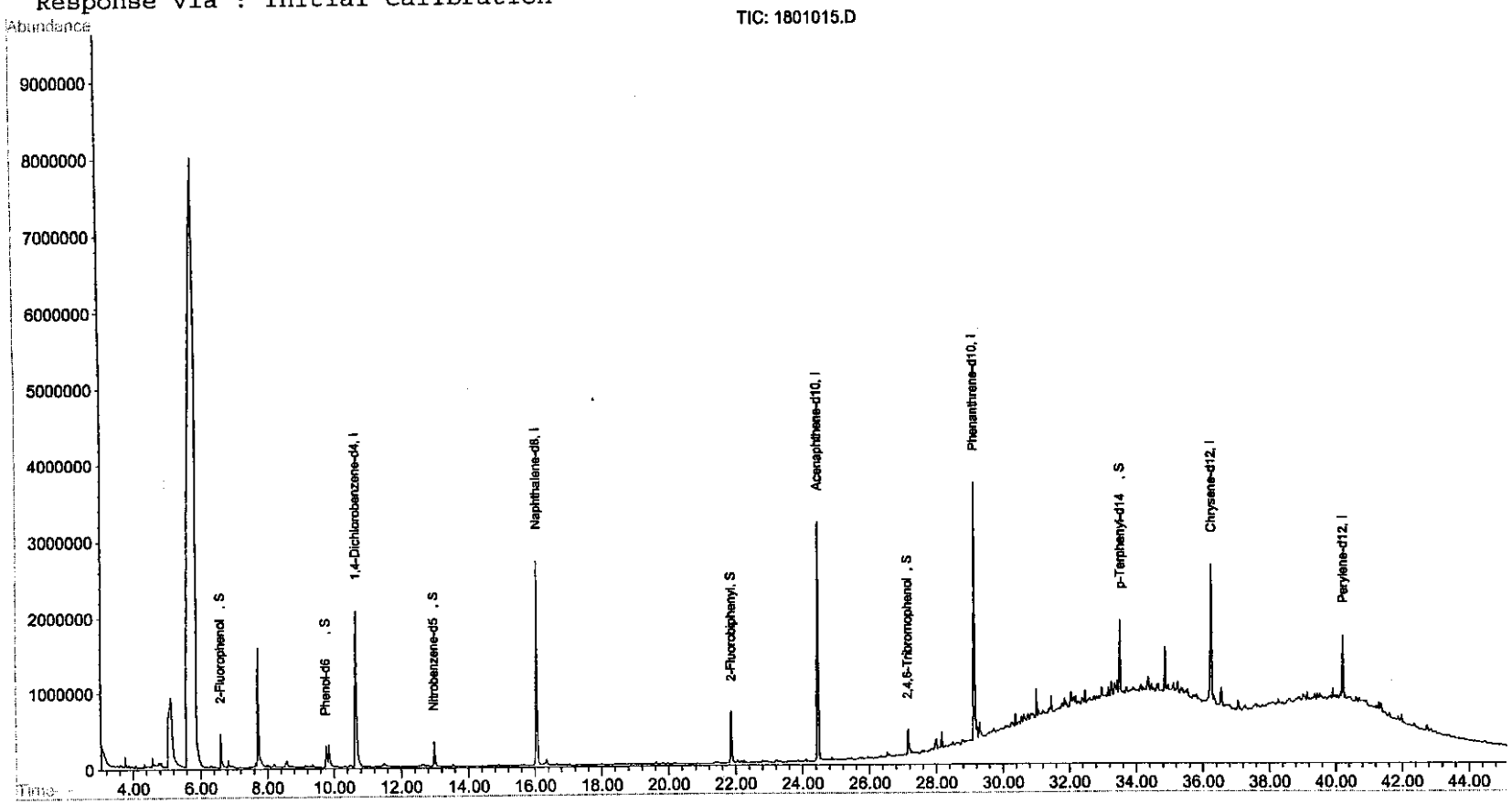
(#) = qualifier out of range (m) = manual integration

Data F. : C:\HPCHEM\1\DATA\071905\1801015.D
Acq On : 20 Jul 2005 4:48 am
Sample : 05-1579-0020
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:37 19105

Vial: 18
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1901016.D
Acq On : 20 Jul 2005 5:43 am
Sample : 05-1579-0021
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:38 19105

Vial: 19
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	914832	20.00 ppm	0.00
18) Naphthalene-d8	16.06	136	3524776	20.00 ppm	-0.02
35) Acenaphthene-d10	24.48	164	1835631	20.00 ppm	0.00
57) Phenanthrene-d10	29.16	188	2813626	20.00 ppm	0.00
69) Chrysene-d12	36.29	240	1536416	20.00 ppm	0.00
78) Perylene-d12	40.25	264	577833	20.00 ppm	0.01

System Monitoring Compounds					
4) 2-Fluorophenol	6.59	112	258833	3.86 ppm	0.10
Spiked Amount 50.000	Range 21 - 100		Recovery	= 7.72%#	
6) Phenol-d6	9.76	99	320816	3.78 ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery	= 7.56%#	
19) Nitrobenzene-d5	12.99	82	243023	3.89 ppm	-0.05
Spiked Amount 50.000	Range 35 - 114		Recovery	= 7.78%#	
39) 2-Fluorobiphenyl	21.87	172	447716	4.10 ppm	-0.05
Spiked Amount 50.000	Range 43 - 116		Recovery	= 8.20%#	
61) 2,4,6-Tribromophenol	27.17	330	81145	3.60 ppm	-0.03
Spiked Amount 50.000	Range 10 - 123		Recovery	= 7.20%#	
72) p-Terphenyl-d14	33.54	244	451596	6.49 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery	= 12.98%#	

Target Compounds				Qvalue
2) Pyridine	3.25	79	740	N.D.
3) N-Nitrosodimethylamine	3.28	74	1211	N.D.
5) Bis(2-chloroethyl)ether	9.89	93	113	N.D.
7) Phenol	9.82	94	4380	N.D.
8) 2-Chlorophenol	9.89	128	133	N.D.
9) 1,3-Dichlorobenzene	10.68	146	109	N.D.
10) 1,4-Dichlorobenzene	10.68	146	109	N.D.
11) 1,2-Dichlorobenzene	10.68	146	109	N.D.
12) Benzyl alcohol	11.46	108	131	N.D.
13) Bis(2-chloroisopropyl)ethe	12.07	45	1061	N.D.
14) 2-Methylphenol	12.14	108	491	N.D.
15) Hexachloroethane	12.61	117	126	N.D.
[illegible]) N-nitroso-di-n-propylamine	12.76	70	1578	N.D.
[illegible]) 3 & 4-Methylphenol	12.71	107	300	N.D.
20) Nitrobenzene	13.14	77	676	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1901016.D
Acq On : 20 Jul 2005 5:43 am
Sample : 05-1579-0021
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:38 19105

Vial: 19
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.24	82	362	N.D.	
22) 2-Nitrophenol	14.50	139	107	N.D.	
23) 2,4-Dimethylphenol	15.11	107	288	N.D.	
24) Bis(2-chloroethoxy)methane	15.47	93	594	N.D.	
25) 2,4-Dichlorophenol	15.06	162	120	N.D.	
26) Benzoic acid	15.11	122	813	N.D.	
27) 1,2,4-Trichlorobenzene	15.72	180	109	N.D.	
28) Naphthalene	16.15	128	3623	N.D.	
29) 2,6-Dichlorophenol	16.68	162	101	N.D.	
30) 4-Chloroaniline	16.37	127	458	N.D.	
31) Hexachlorobutadiene	16.88	225	121	N.D.	
32) 4-Chloro-3-methylphenol	19.52	107	239	N.D.	
33) 2-Methylnaphthalene	19.62	142	4257	N.D.	
34) 1-Methylnaphthalene	19.87	142	148	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.67	196	119	N.D.	
38) 2,4,5-Trichlorophenol	21.67	196	119	N.D.	
40) 2-Chloronaphthalene	22.25	162	107	N.D.	
41) 2-Nitroaniline	22.96	65	755	N.D.	
42) Acenaphthylene	23.89	152	20093	N.D.	
43) Dimethyl phthalate	24.48	163	356315	N.D.	
44) 1,3-Dinitrobenzene	23.95	168	162	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
46) Acenaphthene	24.56	153	6175	N.D.	
47) 3-Nitroaniline	24.63	138	290	N.D.	
48) 2,4-Dinitrophenol	25.30	184	115	6.14 ppm #	1
49) Dibenzofuran	25.27	168	804	N.D.	
50) 2,4-Dinitrotoluene	25.60	165	814	N.D.	
51) Pentachlorobenzene	0.00	250	0	N.D.	
52) 4-Nitrophenol	25.45	139	987	N.D.	
53) Fluorene	26.36	166	10460	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.52	204	1572	N.D.	
55) Diethyl phthalate	26.61	149	2078	N.D.	
56) 4-Nitroaniline	26.74	138	873	N.D.	
58) 1,2-Diphenylhydrazine	27.06	77	3368	N.D.	
59) 4,6-Dinitro-2-methylphenol	26.83	198	153	N.D.	
60) N-Nitrosodiphenylamine	26.98	169	469	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\1901016.D
Acq On : 20 Jul 2005 5:43 am
Sample : 05-1579-0021
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:38 19105

Vial: 19
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	28.01	248	499	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D. d	
65) Phenanthrene	29.20	178	115106	N.D.	
66) Anthracene	29.35	178	177131	N.D.	
67) Di-n-butylphthalate	31.03	149	138833	N.D.	
68) Fluoranthene	32.44	202	653830	4.53 ppm	92
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.02	202	469394	N.D.	
73) Butyl benzyl phthalate	34.26	149	3284	N.D.	
74) 3,3'-Dichlorobenzidine	36.25	252	837	N.D.	
5) Benzo(a)anthracene	36.25	228	158181	N.D.	
76) Chrysene	36.35	228	133032	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.60	149	34101	N.D.	
79) Di-n-octyl phthalate	38.61	149	54515	N.D.	
80) Benzo(b)fluoranthene	39.39	252	65442	N.D.	
81) Benzo(k)fluoranthene	39.39	252	65219	N.D.	
82) Benzo(a)pyrene	40.30	252	7513	N.D.	
83) Indeno(1,2,3-cd)pyrene	43.02	276	41645	N.D.	
84) Dibenzo(a,h)anthracene	43.03	278	3049	N.D.	
85) Benzo(ghi)perylene	43.02	276	41645	N.D.	

(#) = qualifier out of range (m) = manual integration

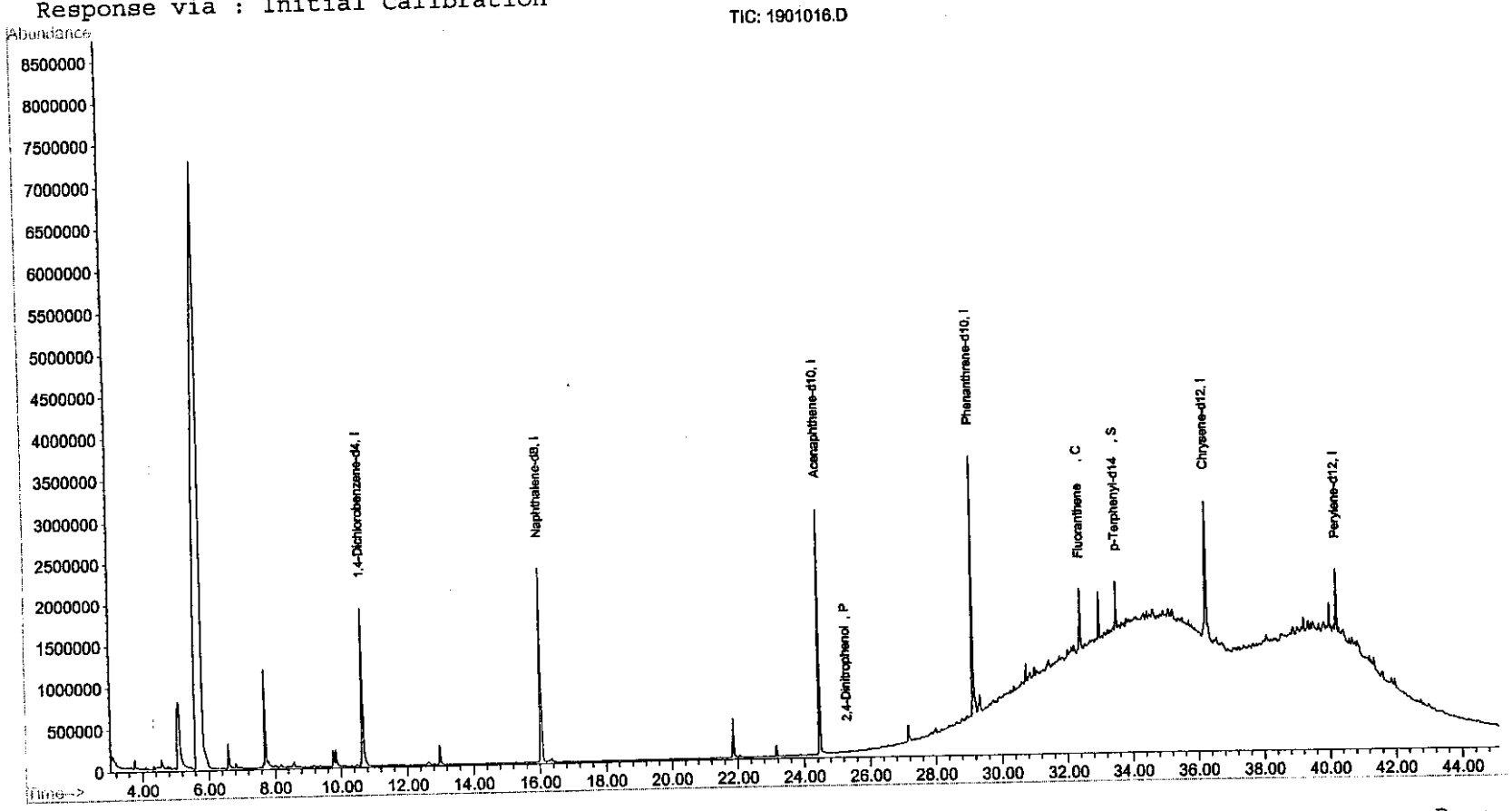
Quantitation Report

Data File : C:\HPCHEM\1\DATA\071905\1901016.D
Acq On : 20 Jul 2005 5:43 am
Sample : 05-1579-0021
Misc : 5x
MS Integration Params: RTEINT.P
Quant Time: Jul 20 11:38 19105

Vial: 19
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Pace Analytical P.O. Box 325, San German, Puerto Rico 00683

Notebook for: SAMPLE PREPARATION LOG FOR EPA 8260 VOA **Instrument ID:** PADC-MS-001 **S/N:** 3336A60677 **Book No.:** 2

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		LCS/MS/MSD ID's:		ICV	
ws1	gcms-s-1-028	cc1	gcms-s-1-035	is1	gcms-s-1-037	m1	gcms-s-1-034	ms1	n/a
ws2	n/a	cc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	cc3	n/a	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	cc4	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	blank	n/a	n/a	0101001.D	Water	5mL	1	7/14/05 13:40	Run# 3887
2	n/a	ccv	n/a	n/a	0102002.D	Water	5mL	1	7/14/05 14:13	
3	n/a	mb	n/a	2013	0201003.D	Soil	10.00g	1	7/14/05 14:46	
4	n/a	lcs	n/a	2013	0301004.D	Soil	10.00g	1	7/14/05 15:20	
5	05-1579	0012	n/a	2013	0401005.D	Soil	10.00g	1	7/14/05 15:53	
	05-1579	0013	n/a	2013	0501006.D	Soil	10.00g	1	7/14/05 16:27	
7	05-1579	0013ms	n/a	2013	0601007.D	Soil	10.00g	1	7/14/05 17:00	
8	05-1579	0013sd	n/a	2013	0602008.D	Soil	10.00g	1	7/14/05 17:33	
9	05-1579	0014	n/a	2013	0701009.D	Soil	10.00g	1	7/14/05 18:06	
10	05-1579	0015	n/a	2013	0801010.D	Soil	10.00g	1	7/14/05 18:39	
11	05-1579	0016	n/a	2013	0901011.D	Soil	10.00g	20	7/14/05 19:13	
12	05-1579	0017	n/a	2013	1001012.D	Soil	10.00g	1	7/14/05 19:47	
13	05-1579	0018	n/a	2013	1101013.D	Soil	10.00g	1	7/14/05 20:21	
14	05-1579	0019	n/a	2013	1201014.D	Soil	10.00g	1	7/14/05 20:54	
15	05-1579	0020	n/a	2013	1301015.D	Soil	10.00g	1	7/14/05 21:27	
16	05-1579	0021	n/a	2013	1401016.D	Soil	10.00g	5	7/14/05 22:00	1st IS high response, diluted due to foam-over

nents

RP 7/14/05

Su

Surrogate ID: _____ Internal Std ID: _____ CCV/LCS/MS/MSD Spike ID: _____ ICV Spike ID: _____ MeOH ID: _____

Surrogate ID: _____ Internal Std ID: _____ CCV/LCS/MS/MSD Spike ID: _____ ICV Spike ID: _____ MeOH ID: _____

Data File Name **0301004.D**
Date Acquired **14 Jul 2005 3:20 pm**
Method File **VOC_1103**
Sample Name **lcs,1,,2**

Name	Amount	True Value	% Recovery	Control Limits	Flags
dibromofluoromethane	46.92	50	94	70 - 130	Pass
1,2-dichloroethane-d4	45.91	50	92	70 - 130	Pass
toluene-d8	49.40	50	99	70 - 130	Pass
p-bromofluorobenzene	55.83	50	112	70 - 130	Pass
1,1-dichloroethene	82.26	100	82	70 - 130	Pass
benzene	92.79	100	93	70 - 130	Pass
trichloroethene	98.90	100	99	70 - 130	Pass
toluene	96.67	100	97	70 - 130	Pass
chlorobenzene	101.93	100	102	70 - 130	Pass

SPIKE.TXT

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration

Non-Spiked Sample: 0501006.D

	Spike Sample	Spike Duplicate Sample
File ID :	0601007.D	0602008.D
Sample :	1579-0013ms,1,,3	1579-0013sd,1,,3
Acq Time:	14 Jul 2005 5:00 pm	14 Jul 2005 5:33 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene	0.0	100	94	92	94	92	2	20	70-130
benzene	0.0	100	98	97	98	97	1	20	70-130
trichloroethene	0.0	100	93	91	93	91	2	20	70-130
toluene	0.0	100	90	87	93	90	3	20	70-130
chlorobenzene	0.0	100	101	100	101	100	1	20	70-130

- Fails Limit Check

GCMS0630.M Fri Jul 15 15:48:49 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0102002.D Vial: 1
Acq On : 14 Jul 2005 2:13 pm Operator: RG
Sample : ccv Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:15 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	271987	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	141892	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	202825	50.00 ppb	0.00

System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	152324	95.77 ppb	0.00 96%
Spiked Amount 50.000	Range 66 - 124		Recovery = 191.54%#		OK
23) 1,2-dichloroethane-d4	13.08	65	177699	94.82 ppb	0.00 95%
Spiked Amount 50.000	Range 80 - 120		Recovery = 189.64%#		
36) toluene-d8	15.78	98	526898	98.34 ppb	0.00 98%
Spiked Amount 50.000	Range 76 - 120		Recovery = 196.68%#		
55) p-bromofluorobenzene	19.58	176	249053	108.20 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 216.40%#		108%

Target Compounds						Qvalue	
2) chloromethane	4.43	50	86775	95.65 ppb		99	
3) vinyl chloride	4.66	62	74021	82.46 ppb		98	
4) bromomethane	5.54	94	41005	79.02 ppb		95	
5) chloroethane	5.91	64	33443	68.77 ppb	#	59	
6) dichlorodifluoromethane	3.92	85	205488	93.69 ppb		99	
7) trichlorofluoromethane	6.34	101	220722	96.07 ppb		100	Not in Mix
8) acrolein	0.00	56	0	N.D.			
9) acetone	9.14	43	197278	357.63 ppb	#	79	
10) 1,1-dichloroethene	7.68	96	62911	83.64 ppb	#	74	
11) methylene chloride	9.01	84	79680	82.30 ppb		86	
12) methyl tert-butyl ether	9.63	73	280488	93.10 ppb		100	
13) trans-1,2-dichloroethene	9.36	96	88817	88.43 ppb		96	
14) 1,1-dichloroethane	10.55	63	168588	86.10 ppb	#	97	Not in Mix
15) acrylonitrile	0.00	53	0	N.D.			
16) 2-butanone	12.44	43	372903	413.86 ppb		99	
17) cis-1,2-dichloroethene	11.50	96	120932	91.50 ppb		100	
18) 2,2-dichloropropane	11.68	77	204794	100.95 ppb		99	
19) chloroform	11.94	83	241171	94.83 ppb		99	
20) bromochloromethane	11.83	128	79621	92.53 ppb		99	
21) 1,1,1-trichlorethane	12.30	97	242211	102.44 ppb		96	
24) 1,2-dichloroethane	13.18	62	218233	96.01 ppb		98	
25) carbon tetrachloride	12.20	117	231249	101.21 ppb		99	
26) 1,1-dichloropropene	12.49	75	179143	90.22 ppb		97	
27) benzene	12.88	78	438993	90.99 ppb		99	
28) trichloroethene	13.76	130	166410	94.74 ppb		99	
29) 1,2-dichloropropane	14.53	63	132300	85.68 ppb	#	86	
30) bromodichloromethane	14.61	83	229165	95.83 ppb		100	
31) dibromomethane	14.39	93	115405	93.15 ppb		100	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.			Not in Mix
33) cis-1,3-dichloropropene	15.51	75	269627	94.48 ppb		97	
34) trans-1,3-dichloropropene	16.41	75	266547	87.10 ppb		98	
35) toluene	15.85	91	624504	94.98 ppb		99	
37) 1,1,2-trichloroethane	16.65	97	158577	88.99 ppb		95	
38) 1,2-dibromoethane	17.31	107	200941	90.37 ppb		100	
40) 1,3-dichloropropane	17.05	76	296854	86.10 ppb		99	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0102002.D Vial: 1
Acq On : 14 Jul 2005 2:13 pm Operator: RG
Sample : ccv Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:15 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

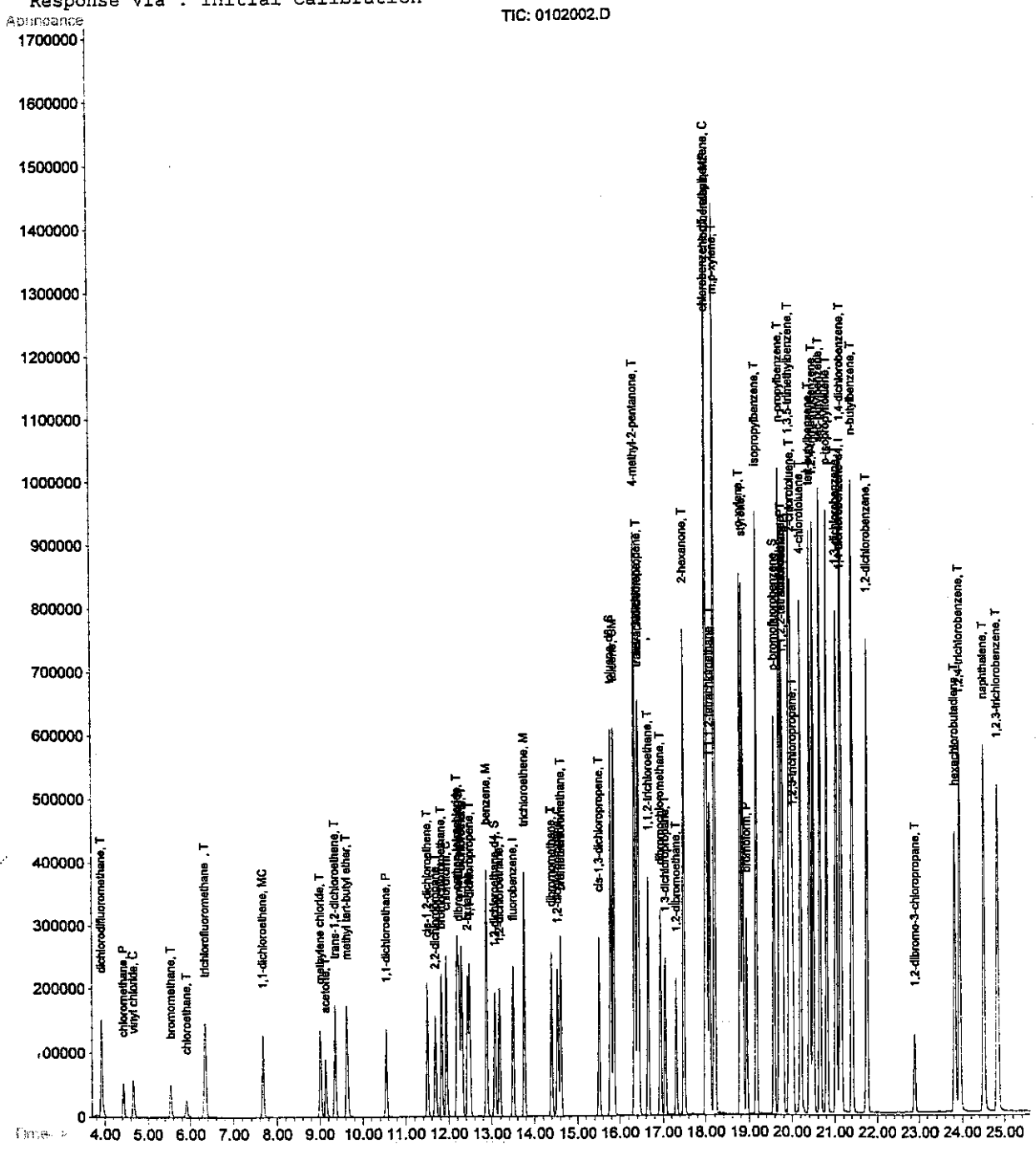
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	16.93	129	234934	96.37 ppb		99
42) bromoform	18.94	173	190331	99.68 ppb		98
43) 4-methyl-2-pentanone	16.34	43	1080786	399.32 ppb		94
44) 2-hexanone	17.49	43	867735	428.38 ppb	#	93
45) tetrachloroethene	16.43	164	145899	106.01 ppb		99
46) chlorobenzene	18.03	112	487230	98.75 ppb		98
47) 1,1,1,2-tetrachloroethane	18.10	131	210969	98.77 ppb		99
48) ethylbenzene	18.01	91	797600	99.78 ppb		100
49) m,p-xylene	18.20	106	602897	197.79 ppb		95
50) o-xylene	18.79	106	326332	94.28 ppb		98
51) styrene	18.85	104	557266	90.69 ppb		97
53) isopropylbenzene	19.17	105	886209	91.21 ppb		99
54) 1,1,2,2-tetrachloroethane	19.78	83	300414	78.90 ppb	#	97
56) bromobenzene	19.76	156	281046	100.87 ppb		100
57) 1,2,3-trichloropropane	20.01	110	100081	84.05 ppb		98
58) n-propylbenzene	19.71	91	1216744	90.38 ppb		97
) 2-chlorotoluene	19.98	91	793189	90.51 ppb		96
.J) 1,3,5-trimethylbenzene	19.94	105	805310	93.13 ppb		99
61) 4-chlorotoluene	20.19	91	762164	90.75 ppb		97
62) tert-butylbenzene	20.40	119	736331	93.04 ppb		99
63) 1,2,4-trimethylbenzene	20.49	105	823461m	95.30 ppb		
64) sec-butylbenzene	20.65	105	1107937	86.32 ppb		95
65) p-isopropyltoluene	20.82	119	940818	89.14 ppb		98
66) 1,3-dichlorobenzene	21.03	146	569208	93.91 ppb		98
67) 1,4-dichlorobenzene	21.14	146	584224	94.62 ppb		100
68) 1,2-dichlorobenzene	21.75	146	548625	91.68 ppb		99
69) n-butylbenzene	21.40	91	892935	84.64 ppb		97
70) 1,2-dibromo-3-chloropropan	22.89	75	53543	71.67 ppb	#	71
71) 1,2,4-trichlorobenzene	23.94	180	358758	94.42 ppb		100
72) hexachlorobutadiene	23.82	225	149592	100.84 ppb		100
73) naphthalene	24.51	128	926931	78.40 ppb		100
74) 1,2,3-trichlorobenzene	24.84	180	330978	90.84 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0102002.D Vial: 1
Acq On : 14 Jul 2005 2:13 pm Operator: RG
Sample : ccv Inst : ms-01
Misc : 100/500 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:15 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0201003.D Vial: 2
Acq On : 14 Jul 2005 2:46 pm Operator: RG
Sample : mb,1,,1 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	271626	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	145702	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	196074	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	76694	47.66 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 95.32%		
23) 1,2-dichloroethane-d4	13.08	65	83923	45.31 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.62%		
36) toluene-d8	15.78	98	266783	48.65 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 97.30%		
55) p-bromofluorobenzene	19.58	176	130278	58.20 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 116.40%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	0.00	94	0	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.00	84	2035	-6.51 ppb #	61
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
1) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0201003.D Vial: 2
Acq On : 14 Jul 2005 2:46 pm Operator: RG
Sample : mb,1,,1 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

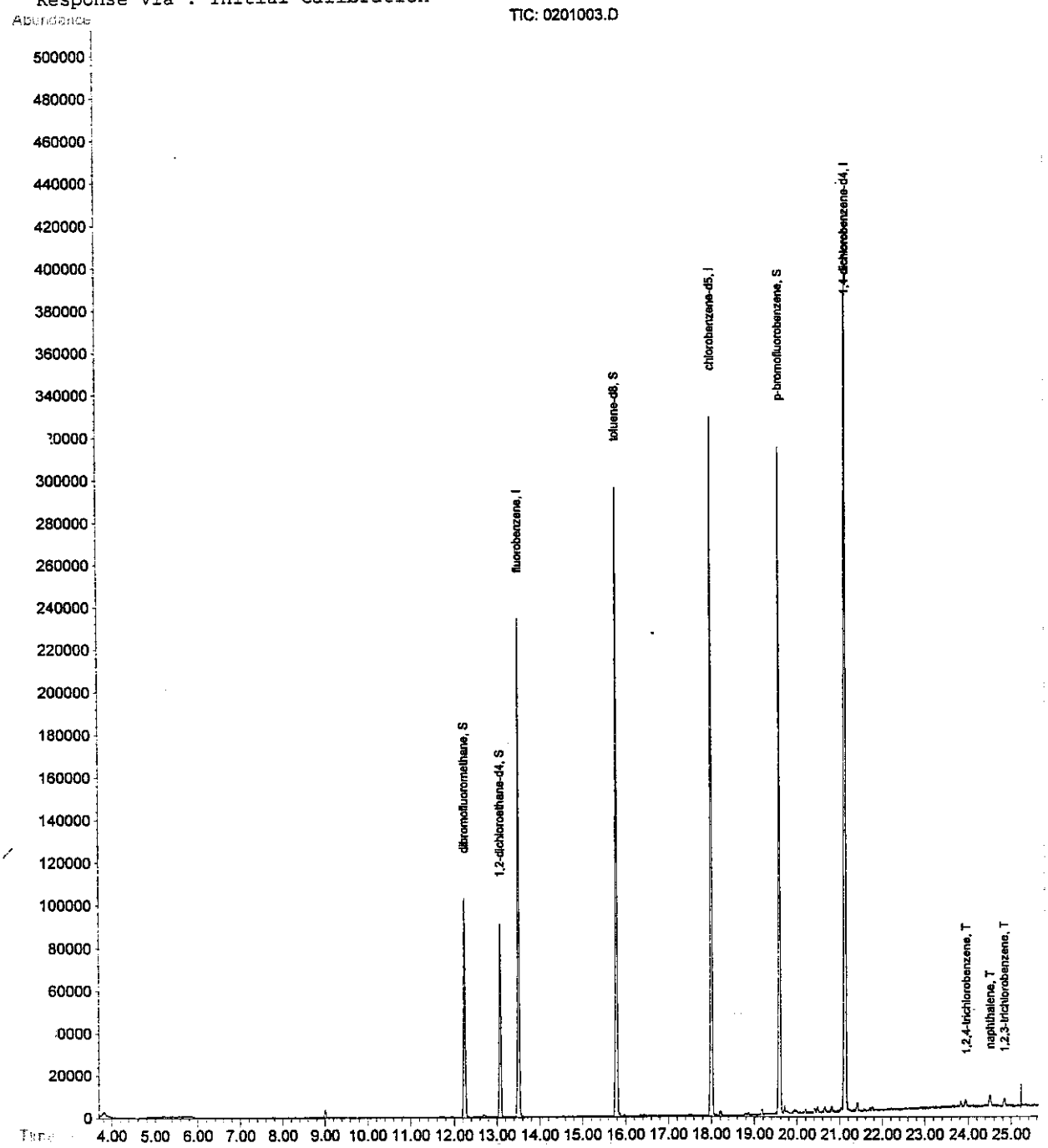
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	0.00	112	0	N.D.		
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.02	91	2348	-3.37 ppb	#	52
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56) bromobenzene	0.00	156	0	N.D.		
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.71	91	3299	-2.91 ppb	#	56
) 2-chlorotoluene	0.00	91	0	N.D.		
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64) sec-butylbenzene	20.66	105	3408	-1.94 ppb	#	59
65) p-isopropyltoluene	20.82	119	3446	-1.95 ppb	#	51
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	21.41	91	3605	-1.59 ppb	#	85
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	23.95	180	2312	0.84 ppb		99
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	24.51	128	8340	0.90 ppb		100
74) 1,2,3-trichlorobenzene	24.84	180	2613	0.67 ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0201003.D Vial: 2
Acq On : 14 Jul 2005 2:46 pm Operator: RG
Sample : mb,1,,1 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0301004.D Vial: 3
Acq On : 14 Jul 2005 3:20 pm Operator: RG
Sample : lcs,1,,2 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	259770	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	143109	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	198030	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	72236	46.92 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 93.84%		
23) 1,2-dichloroethane-d4	13.08	65	81350	45.91 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.82%		
36) toluene-d8	15.78	98	258880	49.40 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 98.80%		
55) p-bromofluorobenzene	19.58	176	126282	55.83 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 111.66%		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	0.00	94	0	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	7.68	96	59133	82.26 ppb #	76
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	12.88	78	427144	92.79 ppb	99
28) trichloroethene	13.76	130	165889	98.90 ppb	98
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.85	91	606787	96.67 ppb	100
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0301004.D Vial: 3
Acq On : 14 Jul 2005 3:20 pm Operator: RG
Sample : lcs,1,,2 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

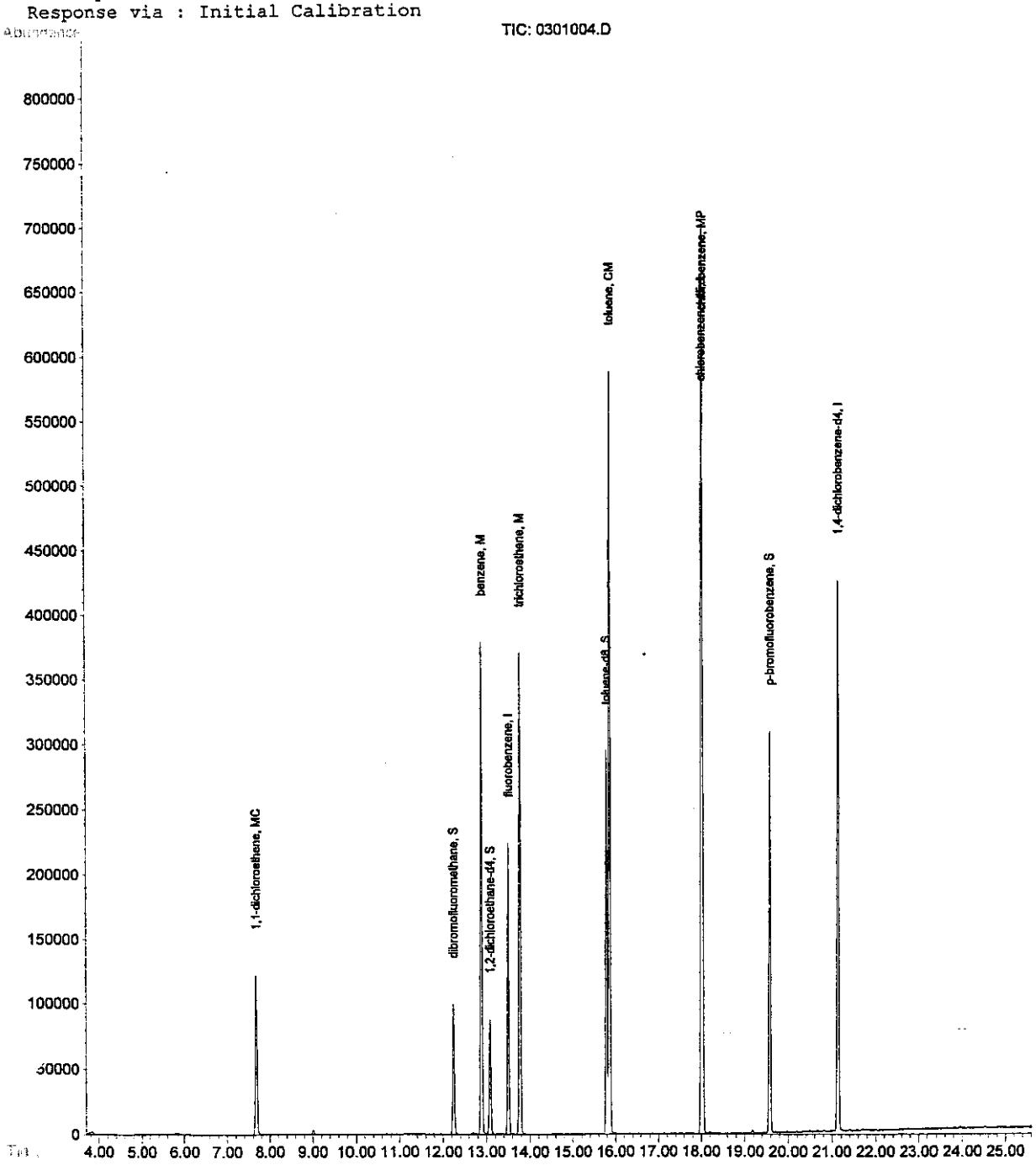
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	0.00	43	0	N.D.	
44) 2-hexanone	0.00	43	0	N.D.	
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	18.03	112	506831	101.93 ppb #	79
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	0.00	91	0	N.D.	
49) m,p-xylene	0.00	106	0	N.D.	
50) o-xylene	0.00	106	0	N.D.	
51) styrene	0.00	104	0	N.D.	
53) isopropylbenzene	0.00	105	0	N.D.	
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
56) bromobenzene	0.00	156	0	N.D.	
57) 1,2,3-trichloropropane	0.00	110	0	N.D.	
58) n-propylbenzene	0.00	91	0	N.D.	
59) 2-chlorotoluene	0.00	91	0	N.D.	
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
61) 4-chlorotoluene	0.00	91	0	N.D.	
62) tert-butylbenzene	0.00	119	0	N.D.	
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
64) sec-butylbenzene	0.00	105	0	N.D.	
65) p-isopropyltoluene	0.00	119	0	N.D.	
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	0.00	91	0	N.D.	
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	24.51	128	2160	N.D.	
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0301004.D Vial: 3
Acq On : 14 Jul 2005 3:20 pm Operator: RG
Sample : lcs,1,,2 Inst : ms-01
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890A Series II GC/MS Instrument ID: PADC-MS-003 S/N:GC-3336A60678, MS-3524A03030 Book No.: 1

Line #	Project Number	Lab. Sample Number	pH (as received)	Batch #	ALS Position	Analysis Method	Sample Weight (g) / Volume (mL)	Dilution Factor	Run Date	By	Comments
1	N/A	~~DCM~~ Tune 5/1/05	N/A	N/A 2032	2	8270	N/A	1	07-11-05	DL	50 ppm std
2		MB	7	~~1907~~ 5/1/05	4	8270	1000mL				~~Vial~~ 3. was not
3		LCS	6+	~~1908~~ 2030	5	8270					put in run log
4	↓	LCS DUP			6	8270	↓	↓			
5	CS-1579	0507-0025			7	8270	250mL	4x			not sample for DC
6	↓	-0035			8	8270					07-12-05
7	CS-1578	-0107			9	8270			↓		LCS/LCSD
8		-0108			10	8270	↓	↓	07-12-05		re analyzed
9		↓-0109	↓	↓	11	8270	500 mL	2X			
10		MB	N/A	1952	12	8270	30.00	1			2/19/05
11		LCS			13	8270	30.04				
12	↓	50ppm			14	8270	N/A	↓			2/19/05
13	CS-1579	0507-0027			15	8270	30.06g	5X			
14		DCM			16	8270	N/A	N/A			
15		0507-0013			17	8270	30.03g	5X			
16		DCM			18	8270	N/A	N/A			
17		0507-0014			19	8270	29.99g	5X			
18	↓	DCM	↓	↓	20	8270	N/A	N/A	↓	↓	

Surrogate ID: SOMS-S-1-003 CCV/LCS/MS/MSD Spike ID: SOMS-S-1-002 ~~ICV~~ CCV Spike ID: SOMS-S-1-017 MeCl₂ ID: Lot 042008

Surrogate ID: N/A CCV/LCS/MS/MSD Spike ID: N/A ICV Spike ID: N/A MeCl₂ ID: N/A

Surrogate ID: CCV/LCS/MS/MSD Spike ID: ICV Spike ID: MeCl₂ ID:

Page 11 of 50
SOP ALL-O-001/ Rev. 0 (P.R. Form) / March 29, 2005

[illegible] 07-12-05 [illegible] 07-12-05 N/A [illegible] 07-12-05

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\STD00.D Vial: 3
Acq On : 11 Jul 2005 5:50 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 18 18:27 19105 Quant Results File: PR060105.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 20 17:08:52 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.72	152	829043	20.00 ppm	-0.05
18) Naphthalene-d8	16.12	136	3168691	20.00 ppm	-0.06
35) Acenaphthene-d10	24.51	164	1575186	20.00 ppm	-0.03
57) Phenanthrene-d10	29.18	188	2346716	20.00 ppm	-0.04
69) Chrysene-d12	36.29	240	1834613	20.00 ppm	-0.02
78) Perylene-d12	40.22	264	1697041	20.00 ppm	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	6.52	112	1777297	34.09 ppm	-0.04
Spiked Amount 50.000	Range 21 - 100		Recovery = 68.18%		
6) Phenol-d6	9.79	99	2702323	38.85 ppm	-0.08
Spiked Amount 50.000	Range 10 - 94		Recovery = 77.70%		
19) Nitrobenzene-d5	13.09	82	2427114	40.53 ppm	-0.09
Spiked Amount 50.000	Range 35 - 114		Recovery = 81.06%		
39) 2-Fluorobiphenyl	21.96	172	3992876	44.17 ppm	-0.06
Spiked Amount 50.000	Range 43 - 116		Recovery = 88.34%		
61) 2,4,6-Tribromophenol	27.20	330	744786	39.76 ppm	-0.05
Spiked Amount 50.000	Range 10 - 123		Recovery = 79.52%		
') p-Terphenyl-d14	33.55	244	3552566	41.76 ppm	-0.02
Spiked Amount 50.000	Range 33 - 141		Recovery = 83.52%		

Target Compounds						Qvalue
2) Pyridine	3.57	79	1202806m	20.87 ppm		
3) N-Nitrosodimethylamine	3.58	74	853788	22.94 ppm	#	75
5) Bis(2-chloroethyl)ether	9.98	93	2476076	39.45 ppm		99
7) Phenol	9.85	94	2941980	42.01 ppm		95
8) 2-Chlorophenol	9.98	128	2297851	41.38 ppm		98
9) 1,3-Dichlorobenzene	10.47	146	2558968	40.72 ppm		99
10) 1,4-Dichlorobenzene	10.78	146	2693465	42.31 ppm		99
11) 1,2-Dichlorobenzene	11.35	146	2420903	40.11 ppm		90
12) Benzyl alcohol	11.56	108	1221209	36.94 ppm		89
13) Bis(2-chloroisopropyl)ethe	12.11	45	4136657	44.63 ppm		74
14) 2-Methylphenol	12.17	108	2256006	43.57 ppm		98
15) Hexachloroethane	12.67	117	1100002	40.13 ppm		92
16) N-nitroso-di-n-propylamine	12.74	70	1728196	39.72 ppm		95
17) 3 & 4-Methylphenol	12.93	107	4986306	87.09 ppm		95
20) Nitrobenzene	13.17	77	2217956	37.46 ppm		83
21) Isophorone	14.34	82	4833543	38.78 ppm		92
22) 2-Nitrophenol	14.55	139	1397104	45.23 ppm		96
23) 2,4-Dimethylphenol	15.17	107	2196665	42.91 ppm		99
24) Bis(2-chloroethoxy)methane	15.52	93	3225646	40.28 ppm		96
25) 2,4-Dichlorophenol	15.74	162	1679888	44.21 ppm		94
26) Benzoic acid	15.17	122	2028086	43.62 ppm		93
27) 1,2,4-Trichlorobenzene	15.96	180	1849684	42.53 ppm		89
28) Naphthalene	16.23	128	6330123	41.59 ppm		95
29) 2,6-Dichlorophenol	16.73	162	1715197	44.78 ppm		90
30) 4-Chloroaniline	16.76	127	2593663	43.26 ppm		96
31) Hexachlorobutadiene	17.00	225	898028	43.97 ppm		93
) 4-Chloro-3-methylphenol	19.56	107	1904280	43.40 ppm		98
) 2-Methylnaphthalene	19.73	142	4240022	38.81 ppm		89
34) 1-Methylnaphthalene	20.28	142	3878872	39.13 ppm		93
36) Hexachlorocyclopentadiene	20.77	237	757208	40.90 ppm		98
37) 2,4,6-Trichlorophenol	21.55	196	1034630	45.86 ppm		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\STD00.D Vial: 3
Acq On : 11 Jul 2005 5:50 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 18 18:27 19105 Quant Results File: PR060105.RES

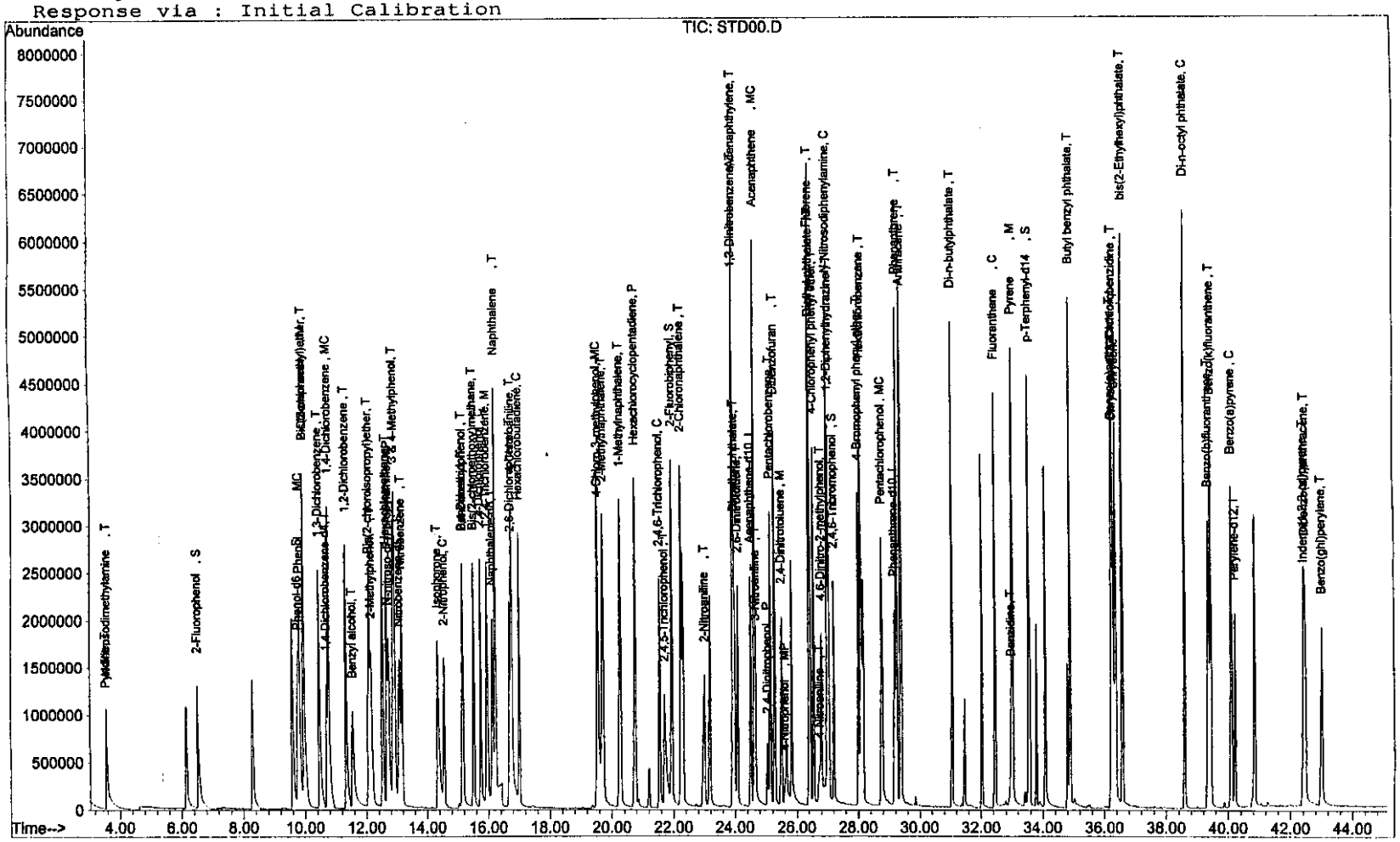
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 20 17:08:52 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
38) 2,4,5-Trichlorophenol	21.71	196	1086329	41.90 ppm		93
40) 2-Chloronaphthalene	22.26	162	3803569	42.82 ppm		97
41) 2-Nitroaniline	23.01	65	1141241	35.90 ppm		96
42) Acenaphthylene	23.94	152	5720558	41.81 ppm		99
43) Dimethyl phthalate	23.99	163	4138344	43.04 ppm		96
44) 1,3-Dinitrobenzene	23.93	168	828965	43.59 ppm		79
45) 2,6-Dinitrotoluene	24.10	165	1155360	41.24 ppm		95
46) Acenaphthene	24.64	153	3661951	41.59 ppm		92
47) 3-Nitroaniline	24.66	138	1187177	39.43 ppm		91
48) 2,4-Dinitrophenol	25.04	184	392218	31.07 ppm		88
49) Dibenzofuran	25.28	168	4881520	40.42 ppm		95
50) 2,4-Dinitrotoluene	25.50	165	1520317	42.61 ppm	#	71
51) Pentachlorobenzene	25.14	250	1469102	42.81 ppm	#	94
52) 4-Nitrophenol	25.60	139	699841m	32.34 ppm		
53) Fluorene	26.41	166	3816748	39.25 ppm		98
54) 4-Chlorophenyl phenyl ethe	26.55	204	1700536	43.39 ppm		97
55) Diethyl phthalate	26.43	149	4292547	39.28 ppm		94
56) 4-Nitroaniline	26.73	138	1074952m	32.76 ppm		
3) 1,2-Diphenylhydrazine	27.03	77	4723431	34.26 ppm		90
59) 4,6-Dinitro-2-methylphenol	26.80	198	764166	36.90 ppm		91
60) N-Nitrosodiphenylamine	26.99	169	3225137	42.18 ppm		98
62) 4-Bromophenyl phenyl ether	28.01	248	1032133	41.96 ppm		98
63) Hexachlorobenzene	28.09	284	1276324	41.47 ppm		92
64) Pentachlorophenol	28.77	266	670794	38.78 ppm		98
65) Phenanthrene	29.26	178	5208731	39.17 ppm		99
66) Anthracene	29.40	178	5393763	40.27 ppm		99
67) Di-n-butylphthalate	31.06	149	7650472	38.38 ppm		99
68) Fluoranthene	32.46	202	4829800	38.19 ppm		89
70) Benzidine	32.97	184	1817118	32.61 ppm	#	94
71) Pyrene	33.03	202	5156311	39.53 ppm		88
73) Butyl benzyl phthalate	34.90	149	3400965	37.69 ppm		94
74) 3,3'-Dichlorobenzidine	36.28	252	1345401	32.45 ppm		93
75) Benzo(a)anthracene	36.24	228	4456582	37.51 ppm		99
76) Chrysene	36.38	228	4457990	40.85 ppm		98
77) bis(2-Ethylhexyl)phthalate	36.60	149	4990938	38.58 ppm		98
79) Di-n-octyl phthalate	38.60	149	7941051	38.23 ppm		100
80) Benzo(b)fluoranthene	39.37	252	4562271m	34.33 ppm		
81) Benzo(k)fluoranthene	39.44	252	4054387	40.60 ppm		91
82) Benzo(a)pyrene	40.11	252	3833778	38.88 ppm		91
83) Indeno(1,2,3-cd)pyrene	42.43	276	3350578	37.04 ppm		92
84) Dibenzo(a,h)anthracene	42.47	278	2711338	37.34 ppm		90
85) Benzo(ghi)perylene	43.00	276	2714317	38.77 ppm		94

(#) = qualifier out of range (m) = manual integration

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\STD00.D Vial: 3
Acq On : 11 Jul 2005 5:50 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 18 18:27 19105 Quant Results File: PR060105.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB00.D Vial: 4
Acq On : 11 Jul 2005 6:46 pm Operator: KMI
Sample : mb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 17:31 19105 Quant Results File: PR060105.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 20 17:08:52 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.70	152	831079	20.00 ppm	-0.07
18) Naphthalene-d8	16.09	136	3008250	20.00 ppm	-0.09
35) Acenaphthene-d10	24.48	164	1392467	20.00 ppm	-0.06
57) Phenanthrene-d10	29.15	188	2132068	20.00 ppm	-0.07
69) Chrysene-d12	36.23	240	1738963	20.00 ppm	-0.07
78) Perylene-d12	40.19	264	1361998	20.00 ppm	-0.03
System Monitoring Compounds					
4) 2-Fluorophenol	6.52	112	487303	9.32 ppm	-0.04
Spiked Amount 50.000	Range 21 - 100		Recovery =	18.64%#	
6) Phenol-d6	9.74	99	415537	5.96 ppm	-0.13
Spiked Amount 50.000	Range 10 - 94		Recovery =	11.92%	
19) Nitrobenzene-d5	13.02	82	819218	14.41 ppm	-0.16
Spiked Amount 50.000	Range 35 - 114		Recovery =	28.82%#	
39) 2-Fluorobiphenyl	21.91	172	1401130	17.53 ppm	-0.11
Spiked Amount 50.000	Range 43 - 116		Recovery =	35.06%#	
61) 2,4,6-Tribromophenol	27.16	330	323462	19.01 ppm	-0.09
Spiked Amount 50.000	Range 10 - 123		Recovery =	38.02%	
2) p-Terphenyl-d14	33.54	244	2992925	37.12 ppm	-0.02
Spiked Amount 50.000	Range 33 - 141		Recovery =	74.24%	

Target Compounds					Qvalue
2) Pyridine	3.77	79	376	N.D.	
3) N-Nitrosodimethylamine	3.61	74	126	N.D.	
5) Bis(2-chloroethyl)ether	10.00	93	133	N.D.	
7) Phenol	9.89	94	2674	N.D.	
8) 2-Chlorophenol	10.01	128	2527	N.D.	
9) 1,3-Dichlorobenzene	10.77	146	2529	N.D.	
10) 1,4-Dichlorobenzene	10.77	146	2529	N.D.	
11) 1,2-Dichlorobenzene	10.77	146	2529	N.D.	
12) Benzyl alcohol	11.73	108	115	~~6.66 ppm~~ #	1
13) Bis(2-chloroisopropyl)ethe	12.09	45	904	N.D.	
14) 2-Methylphenol	12.20	108	102	N.D.	
15) Hexachloroethane	13.25	117	121	N.D.	
16) N-nitroso-di-n-propylamine	13.02	70	104296	N.D.	
17) 3 & 4-Methylphenol	12.96	107	103	N.D.	
20) Nitrobenzene	13.20	77	265	N.D.	
21) Isophorone	14.35	82	799	N.D.	
22) 2-Nitrophenol	14.57	139	101	N.D.	
23) 2,4-Dimethylphenol	15.26	107	119	N.D.	
24) Bis(2-chloroethoxy)methane	15.81	93	120	N.D.	
25) 2,4-Dichlorophenol	0.00	162	0	N.D.	
26) Benzoic acid	15.21	122	111	N.D.	
27) 1,2,4-Trichlorobenzene	15.93	180	1683	N.D.	
28) Naphthalene	16.18	128	2236	N.D.	
29) 2,6-Dichlorophenol	17.10	162	103	N.D.	
30) 4-Chloroaniline	16.25	127	149	N.D.	
31) Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.84	107	453	N.D.	
33) 2-Methylnaphthalene	19.67	142	415	N.D.	
34) 1-Methylnaphthalene	20.60	142	103	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	

ND

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB00.D Vial: 4
Acq On : 11 Jul 2005 6:46 pm Operator: KMI
Sample : mb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 17:31 19105 Quant Results File: PR060105.RES

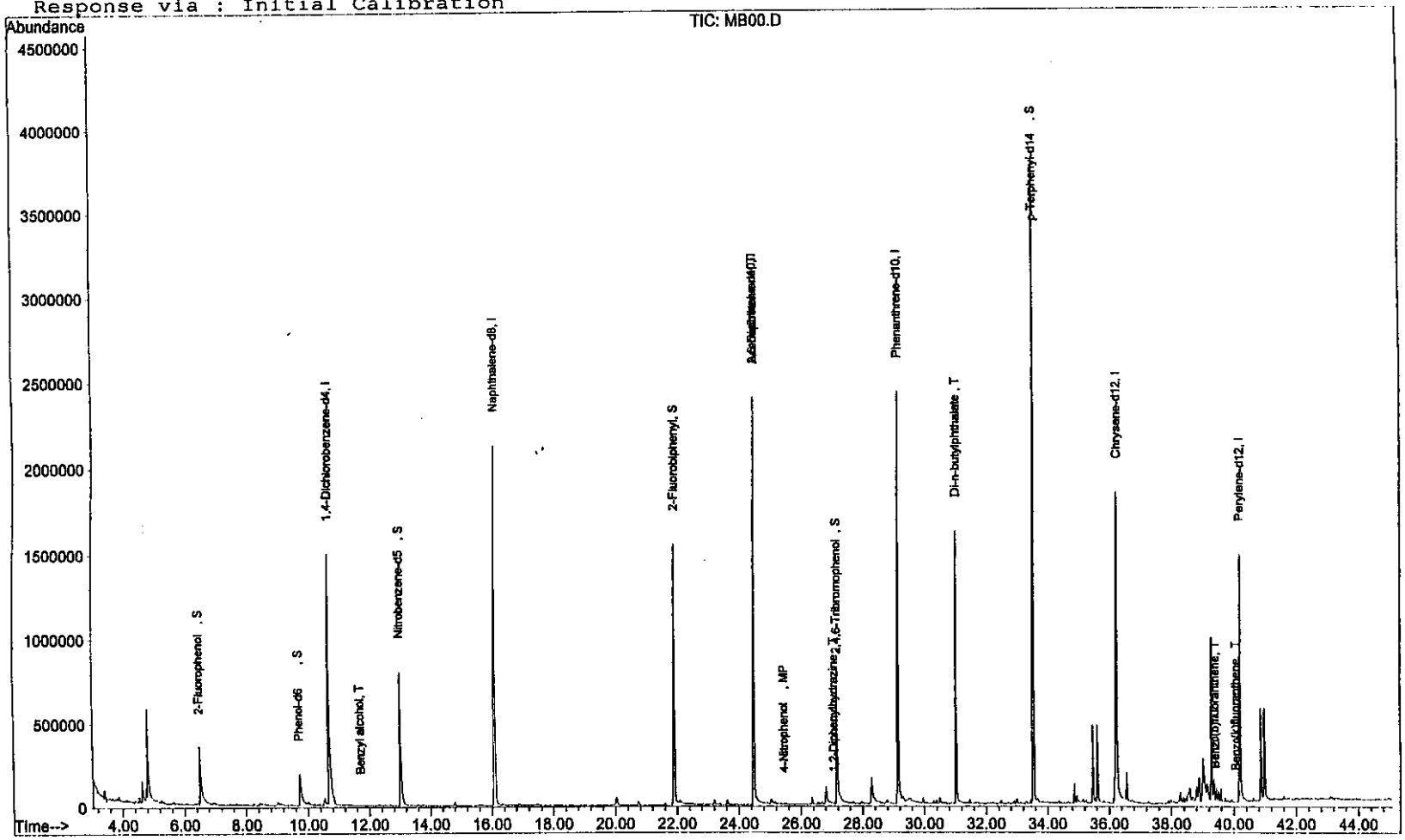
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 20 17:08:52 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
38) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40) 2-Chloronaphthalene	22.21	162	238	N.D.	
41) 2-Nitroaniline	23.03	65	410	N.D.	
42) Acenaphthylene	23.91	152	790	N.D.	
43) Dimethyl phthalate	24.48	163	265992	N.D.	ND
44) 1,3-Dinitrobenzene	0.00	168	0	N.D.	
45) 2,6-Dinitrotoluene	24.48	165	182921	~~7.39 ppm #~~	41
46) Acenaphthene	24.59	153	3503	N.D.	
47) 3-Nitroaniline	0.00	138	0	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	
49) Dibenzofuran	25.25	168	805	N.D.	
50) 2,4-Dinitrotoluene	25.92	165	149	N.D.	
51) Pentachlorobenzene	0.00	250	0	N.D.	
52) 4-Nitrophenol	25.45	139	180	7.68 ppm	78
53) Fluorene	26.39	166	457	N.D.	
54) 4-Chlorophenyl phenyl ethe	0.00	204	0	N.D.	
55) Diethyl phthalate	26.37	149	13977	N.D.	
6) 4-Nitroaniline	26.83	138	226	N.D.	ND
8) 1,2-Diphenylhydrazine	27.07	77	2226	~~695.78 ppm #~~	39
59) 4,6-Dinitro-2-methylphenol	27.15	198	289	N.D.	
60) N-Nitrosodiphenylamine	26.95	169	412	N.D.	
62) 4-Bromophenyl phenyl ether	27.49	248	147	N.D.	
63) Hexachlorobenzene	28.04	284	158	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D.	
65) Phenanthrene	29.34	178	2214	N.D.	
66) Anthracene	29.34	178	2214	N.D.	
67) Di-n-butylphthalate	31.03	149	1854067	10.24 ppm	Not repeating 98
68) Fluoranthene	32.43	202	3205	N.D.	
70) Benzidine	0.00	184	0	N.D.	
71) Pyrene	33.01	202	7197	N.D.	
73) Butyl benzyl phthalate	34.87	149	60417	N.D.	
74) 3,3'-Dichlorobenzidine	36.22	252	1208	N.D.	
75) Benzo(a)anthracene	36.30	228	3940	N.D.	
76) Chrysene	36.30	228	3940	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.56	149	116965	N.D.	
79) Di-n-octyl phthalate	38.58	149	106293	N.D.	
80) Benzo(b)fluoranthene	39.40	252	4099	~~6.87 ppm #~~	ND 46
81) Benzo(k)fluoranthene	40.07	252	2098	~~286.88 ppm~~	80
82) Benzo(a)pyrene	40.07	252	2099	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.87	276	251	N.D.	
84) Dibenzo(a,h)anthracene	42.56	278	1049	N.D.	
85) Benzo(ghi)perylene	43.06	276	1983	N.D.	

(#) = qualifier out of range (m) = manual integration

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB00.D Vial: 4
Acq O : 11 Jul 2005 6:46 pm Operator: KMI
Sample : mb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 17:31 19105 Quant Results File: PR060105.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 20 17:08:52 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB03.D Vial: 7
Acq On : 11 Jul 2005 9:32 pm Operator: KMI
Sample : 0507-0025 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:13 19105 Quant Results File: PR060105.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.70	152	833998	20.00 ppm	-0.06
18) Naphthalene-d8	16.09	136	3001179	20.00 ppm	-0.10
35) Acenaphthene-d10	24.48	164	1372065	20.00 ppm	-0.05
57) Phenanthrene-d10	29.14	188	2076366	20.00 ppm	-0.07
69) Chrysene-d12	36.24	240	1655224	20.00 ppm	-0.06
78) Perylene-d12	40.20	264	1270897	20.00 ppm	-0.03

System Monitoring Compounds					
4) 2-Fluorophenol	6.53	112	137874	2.63 ppm	-0.03
Spiked Amount 50.000	Range 21 - 100		Recovery = 5.26%#		
) Phenol-d6	9.76	99	104213	1.49 ppm	-0.12
Spiked Amount 50.000	Range 10 - 94		Recovery = 2.98%#		
19) Nitrobenzene-d5	13.02	82	254355	4.48 ppm	-0.16
Spiked Amount 50.000	Range 35 - 114		Recovery = 8.96%#		
39) 2-Fluorobiphenyl	21.90	172	494748	6.28 ppm	-0.12
Spiked Amount 50.000	Range 43 - 116		Recovery = 12.56%#		
61) 2,4,6-Tribromophenol	27.17	330	159079	9.60 ppm	-0.07
Spiked Amount 50.000	Range 10 - 123		Recovery = 19.20%		
72) p-Terphenyl-d14	33.53	244	1811451	23.60 ppm	-0.04
Spiked Amount 50.000	Range 33 - 141		Recovery = 47.20%		

Target Compounds					Qvalue
2) Pyridine	3.71	79	220	N.D.	
3) N-Nitrosodimethylamine	3.87	74	244	N.D.	
5) Bis(2-chloroethyl)ether	9.99	93	237	N.D.	
7) Phenol	9.80	94	4395	N.D.	
8) 2-Chlorophenol	10.00	128	258	N.D.	
9) 1,3-Dichlorobenzene	10.70	146	101	N.D.	
10) 1,4-Dichlorobenzene	10.78	146	104	N.D.	
11) 1,2-Dichlorobenzene	10.78	146	104	N.D.	
12) Benzyl alcohol	11.68	108	102	6.66 ppm #	1
13) Bis(2-chloroisopropyl)ethe	12.13	45	777	N.D.	
14) 2-Methylphenol	12.03	108	111	N.D.	
15) Hexachloroethane	13.27	117	125	N.D.	
) N-nitroso-di-n-propylamine	13.02	70	29320	N.D.	
17) 3 & 4-Methylphenol	12.84	107	120	N.D.	
20) Nitrobenzene	13.21	77	117	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB03.D Vial: 7
Acq On : 11 Jul 2005 9:32 pm Operator: KMI
Sample : 0507-0025 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:13 19105 Quant Results File: PR060105.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.42	82	133	N.D.	
22) 2-Nitrophenol	0.00	139	0	N.D.	
23) 2,4-Dimethylphenol	15.53	107	107	N.D.	
24) Bis(2-chloroethoxy)methane	15.56	93	108	N.D.	
25) 2,4-Dichlorophenol	0.00	162	0	N.D.	
26) Benzoic acid	14.81	122	118	N.D.	
27) 1,2,4-Trichlorobenzene	15.26	180	111	N.D.	
28) Naphthalene	16.17	128	840	N.D.	
29) 2,6-Dichlorophenol	16.51	162	127	N.D.	
30) 4-Chloroaniline	16.75	127	123	N.D.	
[illegible]) Hexachlorobutadiene	0.00	225	0	N.D.	
[illegible]) 4-Chloro-3-methylphenol	20.05	107	2236	N.D.	
33) 2-Methylnaphthalene	19.68	142	212	N.D.	
34) 1-Methylnaphthalene	20.30	142	138	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40) 2-Chloronaphthalene	22.54	162	113	N.D.	
41) 2-Nitroaniline	23.20	65	499	N.D.	
42) Acenaphthylene	23.94	152	138	N.D.	
43) Dimethyl phthalate	24.48	163	264832	N.D.	
44) 1,3-Dinitrobenzene	24.27	168	259	N.D.	
45) 2,6-Dinitrotoluene	24.47	165	178091	7.30 ppm #	40
46) Acenaphthene	24.52	153	135	N.D.	
47) 3-Nitroaniline	0.00	138	0	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	
49) Dibenzofuran	24.88	168	103	N.D.	
50) 2,4-Dinitrotoluene	25.04	165	208	N.D.	
51) Pentachlorobenzene	24.93	250	100	N.D.	
52) 4-Nitrophenol	25.67	139	107	7.68 ppm	84
53) Fluorene	26.81	166	315	N.D.	
54) 4-Chlorophenyl phenyl ethe	0.00	204	0	N.D.	
55) Diethyl phthalate	26.37	149	5817	N.D.	
56) 4-Nitroaniline	26.83	138	163	N.D.	
1,2-Diphenylhydrazine	27.19	77	1003	695.79 ppm	75
59) 4,6-Dinitro-2-methylphenol	27.19	198	406	N.D.	
60) N-Nitrosodiphenylamine	26.85	169	140	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB03.D Vial: 7
Acq On : 11 Jul 2005 9:32 pm Operator: KMI
Sample : 0507-0025 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:13 19105 Quant Results File: PR060105.RE

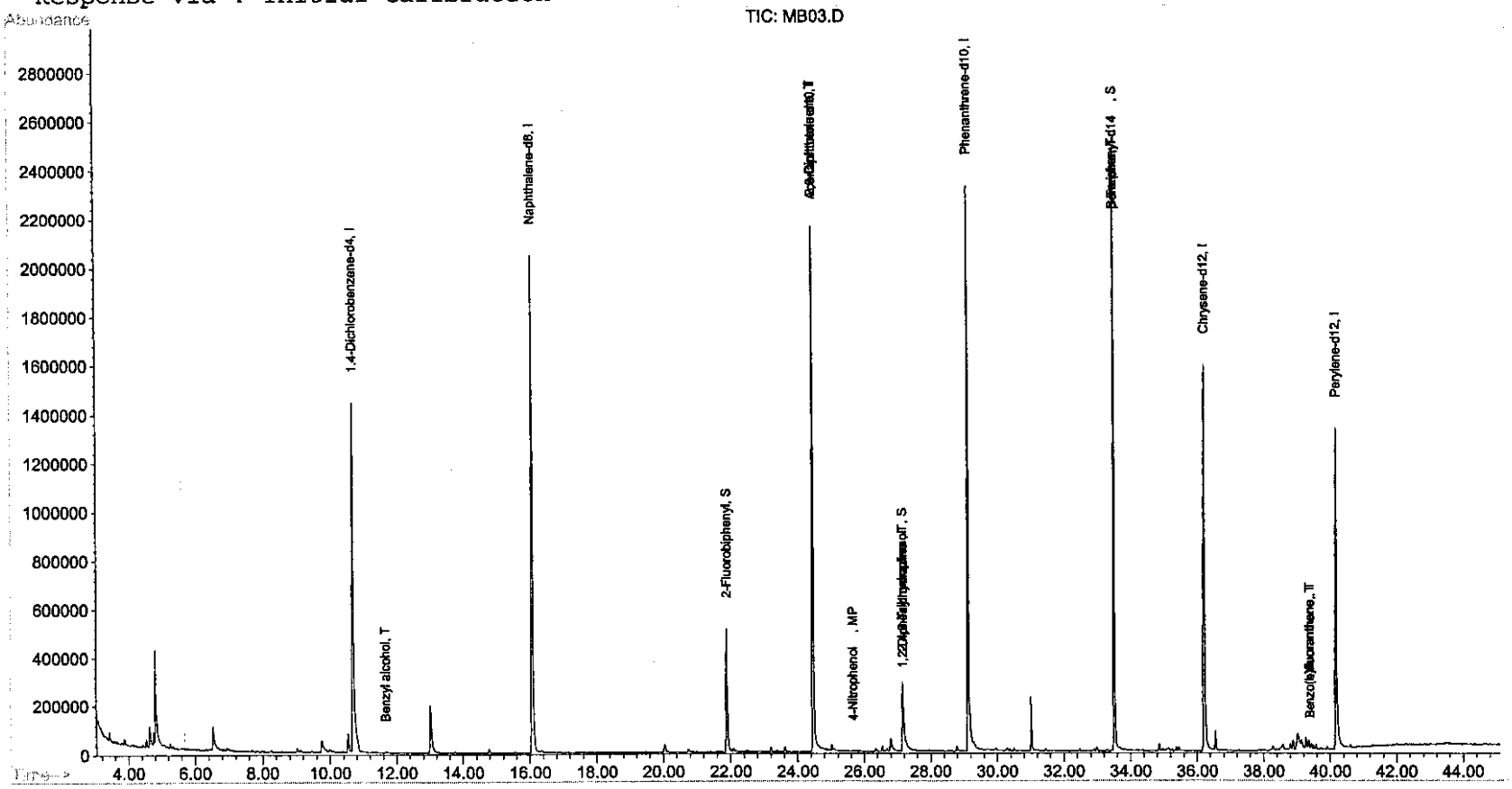
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
62) 4-Bromophenyl phenyl ether	27.46	248	127	N.D.		
63) Hexachlorobenzene	0.00	284	0	N.D.		
64) Pentachlorophenol	29.07	266	101	N.D.		
65) Phenanthrene	29.21	178	450	N.D.		
66) Anthracene	29.34	178	121	N.D.		
67) Di-n-butylphthalate	31.02	149	267375	N.D.		
68) Fluoranthene	32.46	202	1222	N.D.		
70) Benzidine	33.53	184	18824	7.90 ppm	#	1
71) Pyrene	33.01	202	3039	N.D.		
73) Butyl benzyl phthalate	34.86	149	18319	N.D.		
) 3,3'-Dichlorobenzidine	35.77	252	127	N.D.		
,5) Benzo(a)anthracene	36.24	228	5800	N.D.		
76) Chrysene	36.24	228	5800	N.D.		
77) bis(2-Ethylhexyl)phthalate	36.55	149	53040	N.D.		
79) Di-n-octyl phthalate	38.59	149	27040	N.D.		
80) Benzo(b)fluoranthene	39.40	252	105	6.84 ppm	#	1
81) Benzo(k)fluoranthene	39.40	252	105	286.90 ppm	#	1
82) Benzo(a)pyrene	40.08	252	294	N.D.		
83) Indeno(1,2,3-cd)pyrene	42.69	276	114	N.D.		
84) Dibenzo(a,h)anthracene	42.55	278	101	N.D.		
85) Benzo(ghi)perylene	42.69	276	114	N.D.		

(#) = qualifier out of range (m) = manual integration

Data Fi: : O:\ORGANICS\HPCHEM\MS-003\DATA\071105 303.D Vial: 7
Acq On : 11 Jul 2005 9:32 pm Operator: KMI
Sample : 0507-0025 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:13 19105 Quant Results File: PR060105.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB04.D Vial: 8
Acq On : 11 Jul 2005 10:26 pm Operator: KMI
Sample : 0507-0035 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:15 19105 Quant Results File: PR060105.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.70	152	887641	20.00 ppm	-0.07
18) Naphthalene-d8	16.09	136	3253536	20.00 ppm	-0.09
35) Acenaphthene-d10	24.48	164	1554261	20.00 ppm	-0.06
57) Phenanthrene-d10	29.14	188	2280755	20.00 ppm	-0.08
69) Chrysene-d12	36.24	240	1793361	20.00 ppm	-0.07
78) Perylene-d12	40.19	264	1384336	20.00 ppm	-0.03
System Monitoring Compounds					
4) 2-Fluorophenol	6.52	112	656171	11.75 ppm	-0.04
Spiked Amount 50.000	Range 21 - 100		Recovery = 23.50%		
5) Phenol-d6	9.73	99	538437	7.23 ppm	-0.14
Spiked Amount 50.000	Range 10 - 94		Recovery = 14.46%		
19) Nitrobenzene-d5	13.02	82	1109693	18.05 ppm	-0.16
Spiked Amount 50.000	Range 35 - 114		Recovery = 36.10%		
39) 2-Fluorobiphenyl	21.91	172	2002784	22.45 ppm	-0.11
Spiked Amount 50.000	Range 43 - 116		Recovery = 44.90%		
61) 2,4,6-Tribromophenol	27.16	330	410768	22.56 ppm	-0.09
Spiked Amount 50.000	Range 10 - 123		Recovery = 45.12%		
72) p-Terphenyl-d14	33.53	244	2598263	31.25 ppm	-0.03
Spiked Amount 50.000	Range 33 - 141		Recovery = 62.50%		

Target Compounds					Qvalue
2) Pyridine	3.48	79	248	N.D.	
3) N-Nitrosodimethylamine	3.65	74	309	N.D.	
5) Bis(2-chloroethyl)ether	10.01	93	527	N.D.	
7) Phenol	9.89	94	2232	N.D.	
8) 2-Chlorophenol	9.98	128	662	N.D.	
9) 1,3-Dichlorobenzene	10.77	146	1101	N.D.	
10) 1,4-Dichlorobenzene	10.77	146	1101	N.D.	
11) 1,2-Dichlorobenzene	10.82	146	131	N.D.	
12) Benzyl alcohol	11.27	108	136	6.66 ppm #	1
13) Bis(2-chloroisopropyl)ethe	12.06	45	1369	N.D.	
14) 2-Methylphenol	12.66	108	129	N.D.	
15) Hexachloroethane	12.18	117	125	N.D.	
16) N-nitroso-di-n-propylamine	13.02	70	139918	N.D.	
17) 3 & 4-Methylphenol	12.96	107	131	N.D.	
20) Nitrobenzene	13.23	77	433	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB04.D Vial: 8
Acq On : 11 Jul 2005 10:26 pm Operator: KMI
Sample : 0507-0035 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:15 19105 Quant Results File: PR060105.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21)	Isophorone	14.41	82	348	N.D.		
22)	2-Nitrophenol	0.00	139	0	N.D.		
23)	2,4-Dimethylphenol	15.26	107	108	N.D.		
24)	Bis(2-chloroethoxy)methane	15.58	93	146	N.D.		
25)	2,4-Dichlorophenol	0.00	162	0	N.D.		
26)	Benzoic acid	15.73	122	127	N.D.		
27)	1,2,4-Trichlorobenzene	15.93	180	113	N.D.		
28)	Naphthalene	16.17	128	3741	N.D.		
29)	2,6-Dichlorophenol	0.00	162	0	N.D.		
30)	4-Chloroaniline	16.38	127	117	N.D.		
)	Hexachlorobutadiene	0.00	225	0	N.D.		
32)	4-Chloro-3-methylphenol	20.02	107	6259	N.D.		
33)	2-Methylnaphthalene	19.70	142	479	N.D.		
34)	1-Methylnaphthalene	19.70	142	479	N.D.		
36)	Hexachlorocyclopentadiene	0.00	237	0	N.D.		
37)	2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	2-Chloronaphthalene	0.00	162	0	N.D.		
41)	2-Nitroaniline	23.09	65	164	N.D.		
42)	Acenaphthylene	23.91	152	100	N.D.		
43)	Dimethyl phthalate	24.48	163	289557	N.D.		
44)	1,3-Dinitrobenzene	23.75	168	121	N.D.		
45)	2,6-Dinitrotoluene	24.48	165	196083	7.09 ppm	#	41
46)	Acenaphthene	24.58	153	398	N.D.		
47)	3-Nitroaniline	24.25	138	109	N.D.		
48)	2,4-Dinitrophenol	0.00	184	0	N.D.		
49)	Dibenzofuran	25.32	168	114	N.D.		
50)	2,4-Dinitrotoluene	25.66	165	339	N.D.		
51)	Pentachlorobenzene	0.00	250	0	N.D.		
52)	4-Nitrophenol	25.26	139	136	7.68 ppm		97
53)	Fluorene	26.37	166	366	N.D.		
54)	4-Chlorophenyl phenyl ethe	26.80	204	246	N.D.		
55)	Diethyl phthalate	26.37	149	15820	N.D.		
56)	4-Nitroaniline	26.79	138	519	N.D.		
)	1,2-Diphenylhydrazine	27.06	77	3608	695.77 ppm	#	11
59)	4,6-Dinitro-2-methylphenol	27.19	198	603	N.D.		
60)	N-Nitrosodiphenylamine	27.16	169	10316	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071105\MB04.D Vial: 8
Acq On : 11 Jul 2005 10:26 pm Operator: KMI
Sample : 0507-0035 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:15 19105 Quant Results File: PR060105.RE

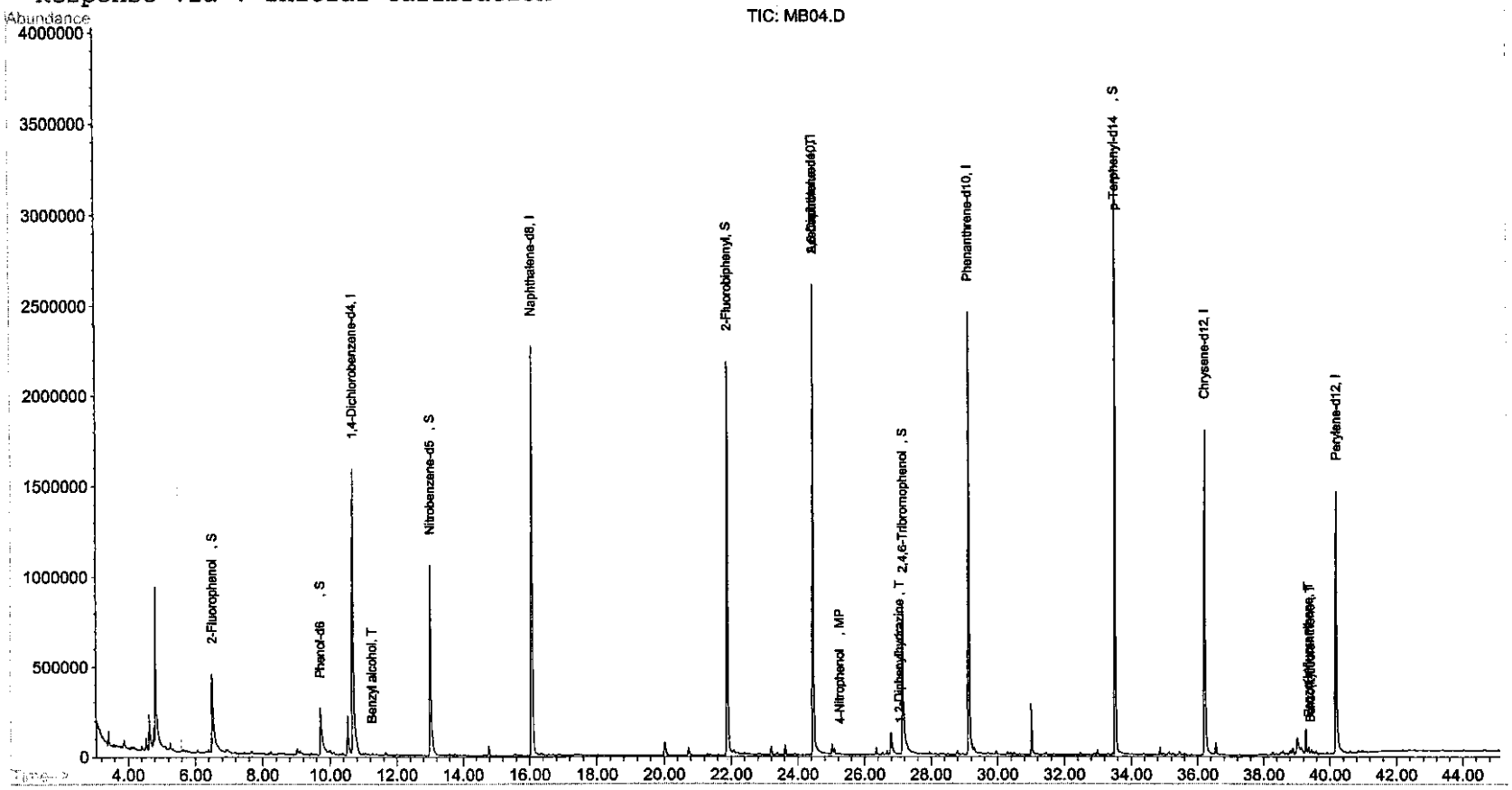
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR060105.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Mon Jul 18 14:46:17 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	27.99	248	117	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	0.00	266	0	N.D.	
65) Phenanthrene	29.20	178	1274	N.D.	
66) Anthracene	29.35	178	470	N.D.	
67) Di-n-butylphthalate	31.02	149	320100	N.D.	
68) Fluoranthene	32.44	202	1745	N.D.	
70) Benzidine	0.00	184	0	N.D.	
71) Pyrene	33.01	202	3614	N.D.	
73) Butyl benzyl phthalate	34.87	149	22685	N.D.	
[illegible]) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
[illegible]) Benzo(a)anthracene	36.30	228	1465	N.D.	
76) Chrysene	36.30	228	1465	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.56	149	45500	N.D.	
79) Di-n-octyl phthalate	38.58	149	29777	N.D.	
80) Benzo(b)fluoranthene	39.36	252	938	6.85 ppm #	41
81) Benzo(k)fluoranthene	39.42	252	1044	286.89 ppm #	46
82) Benzo(a)pyrene	40.06	252	299	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.44	276	105	N.D.	
84) Dibenzo(a,h)anthracene	42.49	278	105	N.D.	
85) Benzo(ghi)perylene	43.16	276	105	N.D.	

(#) = qualifier out of range (m) = manual integration

Data Fi' : O:\ORGANICS\HPCHEM\MS-003\DATA\071105' 'B04.D Vial: 8
Acq On : 11 Jul 2005 10:26 pm Operator: KMI
Sample : 0507-0035 4x Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 15:15 19105 Quant Results File: PR060105.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



PACE ANALYTICAL DEL CARIBE
P.O. Box 325, San Germán, Puerto Rico 00683

Pace Analytical

Notebook for: LOG BOOK FOR HP 5890A Series II GC/MS Instrument ID: PADC-MS-003 S/N: GC-3336A60678, MS-3524A03030 Book No.: 1

Line #	Project Number	Lab. Sample Number	pH (as received)	Batch #	ALS Position	Analysis Method	Sample Weight (g) / Volume (mL)	Dilution Factor	Run Date	By	Comments
1	NA	TUNE	NA	NA	24	8270	NA	1	07/18/05	JC	
2		5 ppm			3	8270					GPW
3		10 ppm			4	8270					
4		20 ppm			5	8270			7/19/05		
5		40 ppm			6	8270					
6		50 ppm			7	8270					
7		100 ppm			8	8270					
		200 ppm			9	8270					
9		NCM			10	8270					
10		ICV			11	8270					
11		LCS-2032		2032	12	8270	1000mL				Rec analysis
12		LCSD-2032		2032	13	8270	1000mL				7/19/05
13						8270					
14						8270					
15						8270					
16						8270					
17						8270					
18						8270					7/19/05

Surrogate ID: GMS-S-1-003 (12-12) CCV/LCS/MS/MSD Spike ID: GMS-S-1-002 (11-12) ICV Spike ID: GMS-S-1-022 (10) $MeCl_2$ ID: 042008

Surrogate ID: NA CCV/LCS/MS/MSD Spike ID: GMS-S-1-021 (2-8) ICV Spike ID: NA $MeCl_2$ ID:

Surrogate ID: NA CCV/LCS/MS/MSD Spike ID: NA ICV Spike ID: NA $MeCl_2$ ID:

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
R ponse via : Initial Calibration

Non-Spiked Sample: 1001010.D

	Spike Sample	Spike Duplicate Sample
File ID :	1201012.D	1301013.D
Sample :	lcs-2032	lcsd-2032
Acq Time:	19 Jul 2005 6:54 am	19 Jul 2005 7:49 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	50	5	6	10#	12	18	42	12-110
2-Chlorophenol	0.0	50	10	12	20#	24#	18	40	27-123
1,4-Dichlorobenzene	0.0	50	10	12	20#	24#	18	28	36- 97
N-nitroso-di-n-propy	0.0	50	11	15	22#	30#	31	38	41-116
1,2,4-Trichlorobenze	0.0	50	11	13	22#	26#	17	28	39- 98
4-Chloro-3-methylphe	0.0	50	15	15	30	30	0	42	23- 97
Acenaphthene	0.0	50	15	17	30#	34#	13	31	46-118
2,4-Dinitrotoluene	0.0	50	19	22	38	43	12	38	24- 96
4-Nitrophenol	0.0	50	14	13	28	27	4	50	10- 80
Pentachlorophenol	0.0	50	23	22	46	44	4	50	9-103
Pyrene	0.0	50	20	20	40	40	0	31	26-127

- Fails Limit Check

PR071805.M Tue Jul 19 10:20:08 2005 FID

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1101011.D Vial: 11
Acq On : 19 Jul 2005 5:59 am Operator: KMI
Sample : icv Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 9:54 19105 Quant Results File: PR071805.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	660597	20.00	ppm	0.00
18) Naphthalene-d8	16.08	136	2596247	20.00	ppm	0.00
35) Acenaphthene-d10	24.48	164	1320755	20.00	ppm	0.00
57) Phenanthrene-d10	29.17	188	1937735	20.00	ppm	0.00
69) Chrysene-d12	36.29	240	1547317	20.00	ppm	0.00
78) Perylene-d12	40.23	264	1656504	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	6.48	112	2506046	51.69	ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery = 103.38%#			
6) Phenol-d6	9.77	99	3116858	50.87	ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery = 101.74%#			
19) Nitrobenzene-d5	13.05	82	2304016	50.01	ppm	0.00
Spiked Amount 50.000	Range 35 - 114		Recovery = 100.02%			
39) 2-Fluorobiphenyl	21.92	172	3845750	49.00	ppm	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 98.00%			
61) 2,4,6-Tribromophenol	27.19	330	814283	52.47	ppm	0.00
Spiked Amount 50.000	Range 10 - 123		Recovery = 104.94%			
2) p-Terphenyl-d14	33.56	244	3443832	49.12	ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 98.24%			

Target Compounds						Qvalue
2) Pyridine	3.50	79	2700476m	53.00	ppm	
3) N-Nitrosodimethylamine	3.54	74	1757640	50.40	ppm #	75
5) Bis(2-chloroethyl)ether	9.93	93	2503343	48.50	ppm	98
7) Phenol	9.82	94	3015942	51.25	ppm	91
8) 2-Chlorophenol	9.94	128	2297972	49.52	ppm	97
9) 1,3-Dichlorobenzene	10.42	146	2429210	49.89	ppm	99
10) 1,4-Dichlorobenzene	10.73	146	2307802	46.49	ppm	99
11) 1,2-Dichlorobenzene	11.30	146	2308557	50.72	ppm	90
12) Benzyl alcohol	11.52	108	1501189	51.77	ppm	87
13) Bis(2-chloroisopropyl)ethe	12.06	45	3769933	47.29	ppm	78
14) 2-Methylphenol	12.15	108	2113074	48.18	ppm	95
15) Hexachloroethane	12.62	117	999679	51.76	ppm	91
16) N-nitroso-di-n-propylamine	12.70	70	1518615	45.48	ppm	95
17) 3 & 4-Methylphenol	12.89	107	4740614	96.99	ppm	96
20) Nitrobenzene	13.14	77	2114007	46.05	ppm	81
21) Isophorone	14.30	82	4490878	48.08	ppm	93
22) 2-Nitrophenol	14.51	139	1336061	48.65	ppm	93
23) 2,4-Dimethylphenol	15.13	107	2072849	47.85	ppm	96
24) Bis(2-chloroethoxy)methane	15.48	93	3116757	48.74	ppm	97
25) 2,4-Dichlorophenol	15.72	162	1686814	50.10	ppm	94
26) Benzoic acid	15.13	122	1995147	48.39	ppm	93
27) 1,2,4-Trichlorobenzene	15.92	180	1800756	50.53	ppm	90
28) Naphthalene	16.18	128	6060495	48.91	ppm	95
29) 2,6-Dichlorophenol	16.69	162	1687657	49.04	ppm	94
30) 4-Chloroaniline	16.73	127	2734755	55.55	ppm	99
31) Hexachlorobutadiene	16.95	225	829577	51.30	ppm	92
32) 4-Chloro-3-methylphenol	19.53	107	1779699	50.13	ppm #	80
33) 2-Methylnaphthalene	19.67	142	4119595	49.65	ppm	93
34) 1-Methylnaphthalene	20.23	142	3877958	49.06	ppm	93
36) Hexachlorocyclopentadiene	20.72	237	795804	50.41	ppm	99
37) 2,4,6-Trichlorophenol	21.53	196	1039811	49.73	ppm	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1101011.D Vial: 11
Acq On : 19 Jul 2005 5:59 am Operator: KMI
Sample : icv Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 9:54 19105 Quant Results File: PR071805.RES

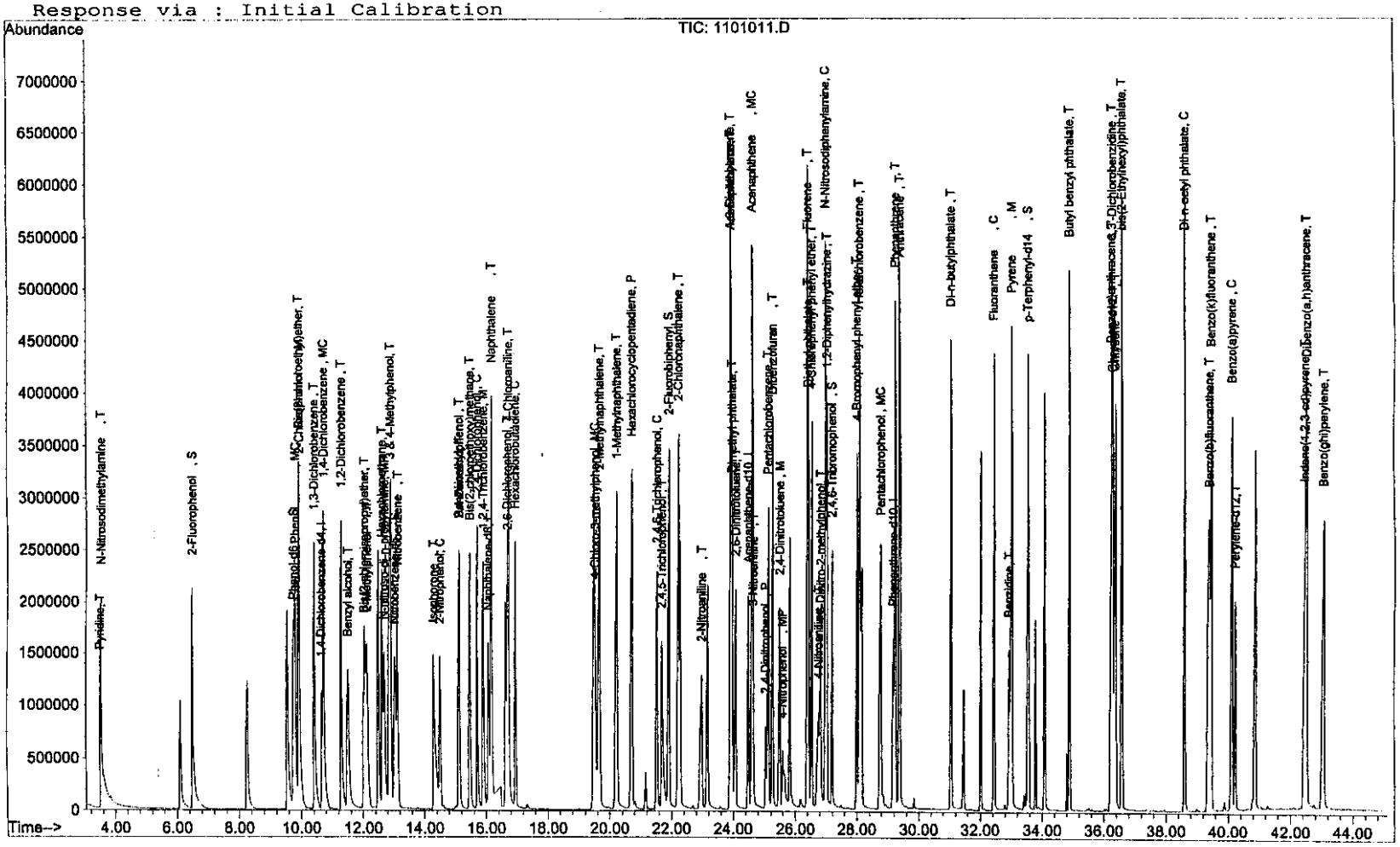
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
38)	2,4,5-Trichlorophenol	21.69	196	1096797	50.77	ppm		93
40)	2-Chloronaphthalene	22.23	162	3926062	49.82	ppm		94
41)	2-Nitroaniline	22.98	65	1125629	50.55	ppm		88
42)	Acenaphthylene	23.92	152	5498066	48.04	ppm		99
43)	Dimethyl phthalate	23.96	163	4033034	49.21	ppm		96
44)	1,3-Dinitrobenzene	23.91	168	830717	49.20	ppm		82
45)	2,6-Dinitrotoluene	24.08	165	1128747	49.78	ppm		92
46)	Acenaphthene	24.61	153	3511295	49.15	ppm		92
47)	3-Nitroaniline	24.65	138	1283419	53.08	ppm		92
48)	2,4-Dinitrophenol	25.04	184	455933	46.47	ppm		83
49)	Dibenzofuran	25.27	168	4910684	49.84	ppm		95
50)	2,4-Dinitrotoluene	25.49	165	1500240	51.47	ppm	#	69
51)	Pentachlorobenzene	25.12	250	1421436	51.02	ppm	#	94
52)	4-Nitrophenol	25.58	139	845535	48.95	ppm	#	74
53)	Fluorene	26.40	166	3807925	48.78	ppm		98
54)	4-Chlorophenyl phenyl ethe	26.54	204	1675325	51.81	ppm		97
55)	Diethyl phthalate	26.43	149	4238824	49.80	ppm		95
6)	4-Nitroaniline	26.76	138	1337291	51.50	ppm		81
3)	1,2-Diphenylhydrazine	27.03	77	4622678	49.84	ppm		92
59)	4,6-Dinitro-2-methylphenol	26.83	198	818252	47.65	ppm		86
60)	N-Nitrosodiphenylamine	26.98	169	3279880	50.96	ppm		98
62)	4-Bromophenyl phenyl ether	27.99	248	1034484	49.85	ppm		97
63)	Hexachlorobenzene	28.08	284	1200054	48.37	ppm		93
64)	Pentachlorophenol	28.77	266	589129	45.39	ppm		99
65)	Phenanthrene	29.25	178	5103065	47.59	ppm		99
66)	Anthracene	29.40	178	5260702	48.63	ppm		99
67)	Di-n-butylphthalate	31.05	149	7464020	48.25	ppm		99
68)	Fluoranthene	32.45	202	4988093	50.16	ppm		90
70)	Benzidine	32.93	184	2753723	43.46	ppm	#	95
71)	Pyrene	33.03	202	5168130	48.63	ppm		89
73)	Butyl benzyl phthalate	34.90	149	3368525	48.54	ppm		91
74)	3,3'-Dichlorobenzidine	36.28	252	1786852	54.81	ppm		94
75)	Benzo(a)anthracene	36.25	228	4618066	48.07	ppm		99
76)	Chrysene	36.38	228	4453771	49.71	ppm		99
77)	bis(2-Ethylhexyl)phthalate	36.59	149	4852222	48.20	ppm		97
79)	Di-n-octyl phthalate	38.60	149	7791156	47.55	ppm		100
80)	Benzo(b)fluoranthene	39.39	252	5079636	46.09	ppm		91
81)	Benzo(k)fluoranthene	39.46	252	4296152	49.42	ppm		91
82)	Benzo(a)pyrene	40.13	252	4476601	48.39	ppm		91
83)	Indeno(1,2,3-cd)pyrene	42.46	276	5302531	48.89	ppm		97
84)	Dibenzo(a,h)anthracene	42.52	278	4314327	47.71	ppm		89
85)	Benzo(ghi)perylene	43.06	276	4406527	47.15	ppm		97

(#) = qualifier out of range (m) = manual integration

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1101011.D Vial: 11
Acq On : 19 Jul 2005 5:59 am Operator: KMI
Sample : icv Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 9:54 19105 Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1201012.D Vial: 12
Acq On : 19 Jul 2005 6:54 am Operator: KMI
Sample : lcs-2032 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 9:59 19105 Quant Results File: PR071805.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.65	152	890581	20.00 ppm	-0.01
18) Naphthalene-d8	16.05	136	3407971	20.00 ppm	-0.03
35) Acenaphthene-d10	24.47	164	1735503	20.00 ppm	-0.01
57) Phenanthrene-d10	29.14	188	2540732	20.00 ppm	-0.03
69) Chrysene-d12	36.25	240	2177983	20.00 ppm	-0.04
78) Perylene-d12	40.22	264	2100303	20.00 ppm	-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	6.48	112	362974	5.55 ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery =	11.10%#	
6) Phenol-d6	9.70	99	414576m	5.02 ppm	-0.07
Spiked Amount 50.000	Range 10 - 94		Recovery =	10.04%	
19) Nitrobenzene-d5	12.98	82	683683	11.30 ppm	-0.06
Spiked Amount 50.000	Range 35 - 114		Recovery =	22.60%#	
39) 2-Fluorobiphenyl	21.87	172	1369267	13.28 ppm	-0.06
Spiked Amount 50.000	Range 43 - 116		Recovery =	26.56%#	
61) 2,4,6-Tribromophenol	27.15	330	381205	18.73 ppm	-0.05
Spiked Amount 50.000	Range 10 - 123		Recovery =	37.46%	
2) p-Terphenyl-d14	33.54	244	2801471	28.39 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery =	56.78%	

Target Compounds					Qvalue
2) Pyridine	3.45	79	434	N.D.	
3) N-Nitrosodimethylamine	3.60	74	101	N.D.	
5) Bis(2-chloroethyl)ether	9.91	93	12524	N.D.	
7) Phenol	9.74	94	428823	5.41 ppm	87
8) 2-Chlorophenol	9.91	128	651738	10.42 ppm	94
9) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
10) 1,4-Dichlorobenzene	10.71	146	662479	9.90 ppm	98
11) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
12) Benzyl alcohol	11.50	108	583	N.D.	
13) Bis(2-chloroisopropyl)ethe	12.23	45	605	N.D.	
14) 2-Methylphenol	12.03	108	128	N.D.	
15) Hexachloroethane	12.86	117	107	N.D.	
16) N-nitroso-di-n-propylamine	12.59	70	515366	11.45 ppm	95
17) 3 & 4-Methylphenol	12.78	107	238	N.D.	
20) Nitrobenzene	13.11	77	530	N.D.	
21) Isophorone	13.76	82	667	N.D.	
22) 2-Nitrophenol	14.53	139	120	N.D.	
23) 2,4-Dimethylphenol	15.15	107	141	N.D.	
24) Bis(2-chloroethoxy)methane	15.40	93	224	N.D.	
25) 2,4-Dichlorophenol	15.87	162	1476	N.D.	
26) Benzoic acid	15.14	122	759	N.D.	
27) 1,2,4-Trichlorobenzene	15.88	180	511784	10.94 ppm	89
28) Naphthalene	16.14	128	2778	N.D.	
29) 2,6-Dichlorophenol	16.72	162	277	N.D.	
30) 4-Chloroaniline	16.34	127	114	N.D.	
31) Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.49	107	708150	15.20 ppm #	73
33) 2-Methylnaphthalene	19.49	142	631970	5.80 ppm #	18
34) 1-Methylnaphthalene	0.00	142	0	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.54	196	157	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1201012.D Vial: 12
Acq On : 19 Jul 2005 6:54 am Operator: KMI
Sample : lcs-2032 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 9:59 19105 Quant Results File: PR071805.RES

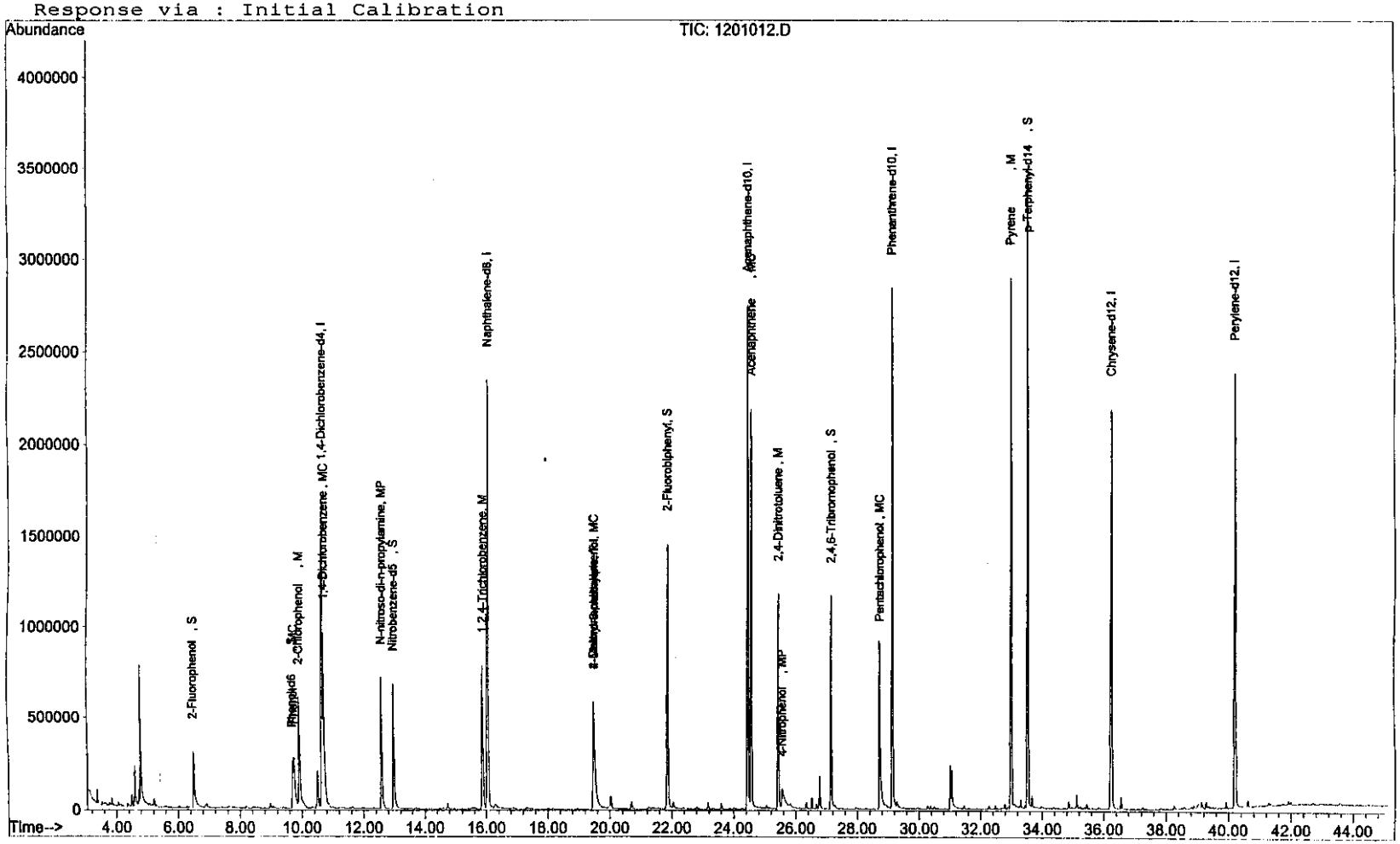
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
38)	2,4,5-Trichlorophenol	21.60	196	139	N.D.		
40)	2-Chloronaphthalene	22.17	162	404	N.D.		
41)	2-Nitroaniline	22.98	65	363	N.D.		
42)	Acenaphthylene	0.00	152	0	N.D.		
43)	Dimethyl phthalate	24.47	163	334612	N.D.		
44)	1,3-Dinitrobenzene	24.25	168	312	N.D.		
45)	2,6-Dinitrotoluene	0.00	165	0	N.D. d		
46)	Acenaphthene	24.58	153	1389470	14.80 ppm		94
47)	3-Nitroaniline	24.57	138	1556	N.D.		
48)	2,4-Dinitrophenol	0.00	184	0	N.D. d		
49)	Dibenzofuran	25.24	168	1044	N.D.		
50)	2,4-Dinitrotoluene	25.44	165	731343	19.10 ppm	#	69
51)	Pentachlorobenzene	25.10	250	282	N.D.		
52)	4-Nitrophenol	25.56	139	240373m	13.80 ppm		
53)	Fluorene	26.36	166	517	N.D.		
54)	4-Chlorophenyl phenyl ethe	26.77	204	384	N.D.		
55)	Diethyl phthalate	26.36	149	12718	N.D.		
56)	4-Nitroaniline	26.77	138	928	N.D.		
8)	1,2-Diphenylhydrazine	26.98	77	1022	N.D.		
59)	4,6-Dinitro-2-methylphenol	26.84	198	143	N.D.		
60)	N-Nitrosodiphenylamine	26.93	169	634	N.D.		
62)	4-Bromophenyl phenyl ether	27.96	248	131	N.D.		
63)	Hexachlorobenzene	0.00	284	0	N.D.		
64)	Pentachlorophenol	28.73	266	335995	22.88 ppm		99
65)	Phenanthrene	29.20	178	2539	N.D.		
66)	Anthracene	29.34	178	1783	N.D.		
67)	Di-n-butylphthalate	31.01	149	287177	N.D.		
68)	Fluoranthene	0.00	202	0	N.D. d		
70)	Benzidine	0.00	184	0	N.D. d		
71)	Pyrene	33.00	202	2938243	19.64 ppm		91
73)	Butyl benzyl phthalate	34.86	149	23503	N.D.		
74)	3,3'-Dichlorobenzidine	36.26	252	682	N.D.		
75)	Benzo(a)anthracene	36.25	228	6539	N.D.		
76)	Chrysene	36.30	228	1442	N.D.		
77)	bis(2-Ethylhexyl)phthalate	36.55	149	52262	N.D.		
79)	Di-n-octyl phthalate	38.58	149	14669	N.D.		
80)	Benzo(b)fluoranthene	39.36	252	2797	N.D.		
81)	Benzo(k)fluoranthene	39.36	252	2797	N.D.		
82)	Benzo(a)pyrene	40.06	252	2753	N.D.		
83)	Indeno(1,2,3-cd)pyrene	43.03	276	2334	N.D.		
84)	Dibenzo(a,h)anthracene	42.48	278	1435	N.D.		
85)	Benzo(ghi)perylene	42.45	276	2675	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1201012.D Vial: 12
Acq On : 19 Jul 2005 6:54 am Operator: KMI
Sample : lcs-2032 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 9:59 19105 Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1301013.D Vial: 13
Acq On : 19 Jul 2005 7:49 am Operator: KMI
Sample : lcsd-2032 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 10:09 19105 Quant Results File: PR071805.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.65	152	863660	20.00 ppm	-0.02
18) Naphthalene-d8	16.05	136	3300941	20.00 ppm	-0.02
35) Acenaphthene-d10	24.46	164	1676468	20.00 ppm	-0.02
57) Phenanthrene-d10	29.14	188	2483723	20.00 ppm	-0.02
69) Chrysene-d12	36.24	240	2106269	20.00 ppm	-0.04
78) Perylene-d12	40.21	264	1750059	20.00 ppm	-0.02

System Monitoring Compounds					
4) 2-Fluorophenol	6.49	112	361615	5.71 ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery = 11.42%#		
6) Phenol-d6	9.69	99	408128	5.09 ppm	-0.08
Spiked Amount 50.000	Range 10 - 94		Recovery = 10.18%		
19) Nitrobenzene-d5	12.98	82	761958	13.01 ppm	-0.05
Spiked Amount 50.000	Range 35 - 114		Recovery = 26.02%#		
39) 2-Fluorobiphenyl	21.87	172	1515873	15.22 ppm	-0.05
Spiked Amount 50.000	Range 43 - 116		Recovery = 30.44%#		
61) 2,4,6-Tribromophenol	27.15	330	351051	17.65 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery = 35.30%		
?) p-Terphenyl-d14	33.54	244	2772904	29.06 ppm	-0.01
Spiked Amount 50.000	Range 33 - 141		Recovery = 58.12%		

Target Compounds					Qvalue
2) Pyridine	3.98	79	213	N.D.	
3) N-Nitrosodimethylamine	3.55	74	290	N.D.	
5) Bis(2-chloroethyl)ether	9.91	93	12508	N.D.	
7) Phenol	9.75	94	480964	6.25 ppm	87
8) 2-Chlorophenol	9.91	128	730087	12.03 ppm	94
9) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
10) 1,4-Dichlorobenzene	10.72	146	746877	11.51 ppm	99
11) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
12) Benzyl alcohol	11.50	108	310	N.D.	
13) Bis(2-chloroisopropyl)ethe	11.42	45	764	N.D.	
14) 2-Methylphenol	12.11	108	160	N.D.	
15) Hexachloroethane	12.71	117	103	N.D.	
16) N-nitroso-di-n-propylamine	12.59	70	641874	14.70 ppm	96
17) 3 & 4-Methylphenol	12.67	107	120	N.D.	
20) Nitrobenzene	13.12	77	106	N.D.	
21) Isophorone	14.35	82	144	N.D.	
22) 2-Nitrophenol	14.52	139	284	N.D.	
23) 2,4-Dimethylphenol	15.11	107	108	N.D.	
24) Bis(2-chloroethoxy)methane	15.09	93	107	N.D.	
25) 2,4-Dichlorophenol	15.91	162	104	N.D.	
26) Benzoic acid	15.14	122	137	N.D.	
27) 1,2,4-Trichlorobenzene	15.88	180	592702	13.08 ppm	88
28) Naphthalene	16.01	128	1419	N.D.	
29) 2,6-Dichlorophenol	0.00	162	0	N.D.	
30) 4-Chloroaniline	16.33	127	275	N.D.	
31) Hexachlorobutadiene	0.00	225	0	N.D.	
?) 4-Chloro-3-methylphenol	19.49	107	676593	14.99 ppm #	75
33) 2-Methylnaphthalene	19.48	142	593508	5.63 ppm #	18
34) 1-Methylnaphthalene	0.00	142	0	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.90	196	318	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1301013.D Vial: 13
Acq On : 19 Jul 2005 7:49 am Operator: KMI
Sample : lcsd-2032 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 10:09 19105 Quant Results File: PR071805.RES

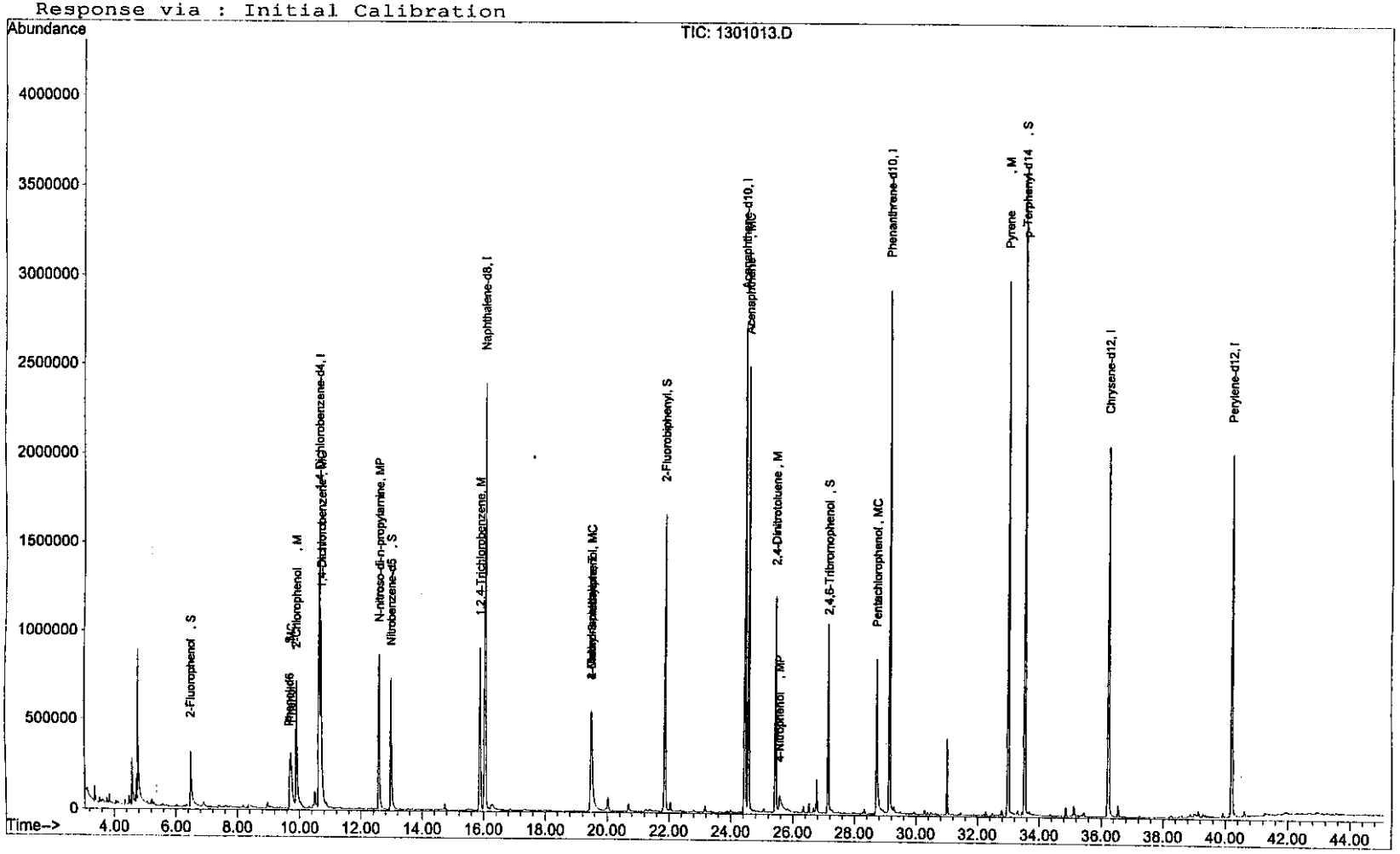
Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
38)	2,4,5-Trichlorophenol	21.90	196	318	N.D.		
40)	2-Chloronaphthalene	22.45	162	118	N.D.		
41)	2-Nitroaniline	22.94	65	110	N.D.		
42)	Acenaphthylene	0.00	152	0	N.D.		
43)	Dimethyl phthalate	24.46	163	317097	N.D.		
44)	1,3-Dinitrobenzene	24.24	168	385	N.D.		
45)	2,6-Dinitrotoluene	0.00	165	0	N.D. d		
46)	Acenaphthene	24.57	153	1547688	17.07 ppm		92
47)	3-Nitroaniline	24.57	138	1169	N.D.		
48)	2,4-Dinitrophenol	0.00	184	0	N.D. d		
49)	Dibenzofuran	25.22	168	472	N.D.		
50)	2,4-Dinitrotoluene	25.44	165	797301	21.55 ppm	#	69
51)	Pentachlorobenzene	25.08	250	117	N.D.		
52)	4-Nitrophenol	25.56	139	220189m	13.30 ppm		
53)	Fluorene	26.35	166	992	N.D.		
54)	4-Chlorophenyl phenyl ethe	26.51	204	309	N.D.		
55)	Diethyl phthalate	26.35	149	15064	N.D.		
6)	4-Nitroaniline	26.80	138	712	N.D.		
8)	1,2-Diphenylhydrazine	26.98	77	1422	N.D.		
59)	4,6-Dinitro-2-methylphenol	27.14	198	330	N.D.		
60)	N-Nitrosodiphenylamine	26.92	169	605	N.D.		
62)	4-Bromophenyl phenyl ether	0.00	248	0	N.D.		
63)	Hexachlorobenzene	28.33	284	354	N.D.		
64)	Pentachlorophenol	28.72	266	321230	22.50 ppm		97
65)	Phenanthrene	29.20	178	2160	N.D.		
66)	Anthracene	29.34	178	910	N.D.		
67)	Di-n-butylphthalate	31.01	149	462455	N.D.		
68)	Fluoranthene	0.00	202	0	N.D. d		
70)	Benzidine	0.00	184	0	N.D. d		
71)	Pyrene	33.00	202	2938993	20.32 ppm		91
73)	Butyl benzyl phthalate	34.86	149	26878	N.D.		
74)	3,3'-Dichlorobenzidine	36.24	252	631	N.D.		
75)	Benzo(a)anthracene	36.24	228	6410	N.D.		
76)	Chrysene	36.24	228	6410	N.D.		
77)	bis(2-Ethylhexyl)phthalate	36.55	149	45211	N.D.		
79)	Di-n-octyl phthalate	38.56	149	14601	N.D.		
80)	Benzo(b)fluoranthene	39.33	252	1082	N.D.		
81)	Benzo(k)fluoranthene	39.48	252	326	N.D.		
82)	Benzo(a)pyrene	40.08	252	781	N.D.		
83)	Indeno(1,2,3-cd)pyrene	42.46	276	1204	N.D.		
84)	Dibenzo(a,h)anthracene	43.04	278	681	N.D.		
85)	Benzo(ghi)perylene	43.05	276	2394	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : O:\ORGANICS\HPCHEM\MS-003\DATA\071805\1301013.D Vial: 13
Acq On : 19 Jul 2005 7:49 am Operator: KMI
Sample : lcsd-2032 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 10:09 19105 Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Pace Analytical

PACE ANALYTICAL DEL CARIBE
P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890A Series II GC/MS Instrument ID: PADC-MS-003 S/N: GC-3336A60678, MS-3524A03030 Book No.: ___

Line #	Project Number	Lab. Sample Number	pH (as received)	Batch #	ALS Position	Analysis Method	Sample Weight (g) / Volume (mL)	Dilution Factor	Run Date	By	Comments
1	NA	Tune Mix	NA	NA	2	8270	NA	1	7/19/05	JC	
2		50ppm		NA	3	8270	NA	1			
3		MB 1952		1952	4	8270	30.00	1			
4	(1)	LCS 1952			5	8270	30.04	1			
5	05-1579	-0017			6	8270	29.99	1			
6		-0017 MS			7	8270	30.04	1			
7	(1)	-0017 MSD		(1)	8	8270	30.01	1			
8	NA	Tune Mix		NA	9	8270	NA	1			
9	NA	50ppm		NA	10	8270	NA	1			
10	05-1579	-0012		1952	11	8270	30.06	5			Oily Matrix
11		-0013			12	8270	30.03	5	(1)		
12		-0014			13	8270	29.99	5	7/20/05		
13		-0015			14	8270	30.01	5			
14		-0016			15	8270	30.07	5			RL * 25
15		-0018			16	8270	30.010	5			
16		-0019			17	8270	30.00	5			
17		-0020	(1)		18	8270	30.02	5			
18	(1)	-0021	NA	(1)	19	8270	30.04	5	(1)	(1)	(1)

Surrogate ID: SUMS-S-1-003 (3-5, 10-18) CCV/LCS/MSD Spike ID: SUMS-S-1-002 (4,6,7) ICV Spike ID: NA $MeCl_2$ ID: 042008

Surrogate ID: NA CCV/LCS/MSD Spike ID: SUMS-S-1-021 (2,9) ICV Spike ID: NA $MeCl_2$ ID: NA

Surrogate ID: NA CCV/LCS/MSD Spike ID: NA ICV Spike ID: NA $MeCl_2$ ID: NA

(1) = JC 7/20/05

[redacted]

SEMIVOLATILE ORGANIC COMPOUNDS (SW846 8270C)

SEPARATORY FUNNEL EXTRACTION FOR WATERS / ULTRASONIC EXTRACTION FOR SOLIDS
EXTRACTION LOG

Item #	Project #	Lab. Sample Number	Batch #	Initial pH	Adjusted pH (≤2 units)	Adjusted pH (≥11 units)	Date Extracted	By	Volume, mL or Wt, g extracted	Final Volume, mL	Comments (Appearance, Color, Odor, etc.)
1	05-1579	MB	1452	N/A	N/A	N/A	07-11-05	[illegible]	30.00 g	1.0	
2		LCS							30.04 g		
3		0507-0012							30.06 g		
4		-0013							30.03 g		
5		-0014							29.99 g		
6		-0015							30.04 g		MS
7		-0016							30.01 g		MSD
8		-0015							30.01 g		
9		-0016							30.07 g		
10		-0017							29.99 g		
11		-0018							30.00 g		
		-0019							30.00 g		
13		-0020							30.02 g		
14		-0021							30.04 g		
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											[illegible]

07-11-05

ch No.: N/A Concentrator Temp. 40 °C
loride (DCM): Mfg: [illegible] Lot: 042008 Exp. Date: 01-10
te: Mfg: [illegible] Lot: 0506024 Exp. Date: 06-10
SVMS-S-1-003 LCS/MS/MSD ID: SVMS-S-1-002

Sulfuric Acid (H_2SO_4): Mfg: N/A Lot: N/A Exp. Date: N/A
10N Sodium Hydroxide (NaOH): Mfg: Lot: Exp. Date:
Spike Witness: [illegible]

ID APPROVED BY: [illegible] DATE: 07/12/2005

Mfg.: (2) Burdick & Jackson
Lot: C1705
Exp. Date: 10-08

(1) [illegible] 07-11-05 N/A [illegible] 07-11-05

(2) EE [illegible] 07-11-05

PR Form # O-001/Rev.0 / SOP ALL-O-003/ALL-O-005 / March 29, 2005

[redacted]

Data File Name **0501002.D**
Date Acquired **19 Jul 2005 4:57 pm**
Method File **8270FULL**
Sample Name **lcs-1952**

Name	Amount	True Value	% Recovery	Control Limits	Flags
2-Fluorophenol	26.28	50	53	21 - 100	Pass
Phenol-d6	27.66	50	55	15 - 94	Pass
Nitrobenzene-d5	27.79	50	56	35 - 114	Pass
2-Fluorobiphenyl	30.78	50	62	43 - 116	Pass
2,4,6-Tribromophenol	33.41	50	67	10 - 123	Pass
p-Terphenyl-d14	35.47	50	71	33 - 141	Pass
Phenol	29.21	50	58	12 - 110	Pass
2-Chlorophenol	27.31	50	55	27 - 123	Pass
1,4-Dichlorobenzene	24.52	50	49	36 - 97	Pass
N-nitroso-di-n-propylamine	26.90	50	54	41 - 116	Pass
1,2,4-Trichlorobenzene	28.16	50	56	39 - 98	Pass
4-Chloro-3-methylphenol	33.13	50	66	23 - 97	Pass
Acenaphthene	31.14	50	62	46 - 118	Pass
2,4-Dinitrotoluene	33.93	50	68	24 - 96	Pass
4-Nitrophenol	36.67	50	73	15 - 87	Pass
Pentachlorophenol	34.67	50	69	9 - 103	Pass
Pyrene	25.21	50	50	26 - 127	Pass

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration

Non-Spiked Sample: 0401001.D

	Spike Sample	Spike Duplicate Sample
File ID :	0701004.D	0801005.D
Sample :	05-1579-0017 ms	05-1579-0017 msd
Acq Time:	19 Jul 2005 6:47 pm	19 Jul 2005 7:42 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.2	50	27	28	53	55	3	42	12-110
2-Chlorophenol	0.0	50	25	26	51	52	3	40	27-123
1,4-Dichlorobenzene	0.0	50	21	23	42	45	7	28	36- 97
N-nitroso-di-n-propy	0.0	50	24	26	48	52	7	38	41-116
1,2,4-Trichlorobenze	0.0	50	25	26	49	52	6	28	39- 98
4-Chloro-3-methylphe	0.0	50	33	33	67	67	0	42	23- 97
Acenaphthene	0.0	50	29	31	58	63	9	31	46-118
2,4-Dinitrotoluene	0.0	50	33	33	66	66	0	38	24- 96
4-Nitrophenol	4.1	50	39	36	69	64	7	50	10- 80
Pentachlorophenol	5.6	50	36	33	61	55	11	50	9-103
Pyrene	0.0	50	25	25	50	49	1	31	26-127

- Fails Limit Check

PR071805.M Wed Jul 20 11:50:21 2005 FID

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0301001.D Vial: 3
Acq On : 19 Jul 2005 12:25 pm Operator: KMI
Sample : 50 ppm Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:11 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	653531	20.00 ppm	0.00
18) Naphthalene-d8	16.08	136	2504747	20.00 ppm	0.00
35) Acenaphthene-d10	24.48	164	1297197	20.00 ppm	0.00
57) Phenanthrene-d10	29.17	188	1904904	20.00 ppm	0.00
69) Chrysene-d12	36.29	240	1530129	20.00 ppm	0.00
78) Perylene-d12	40.23	264	1648974	20.00 ppm	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	6.49	112	2436635	50.81 ppm	0.00
Spiked Amount 50.000	Range 21 - 100		Recovery = 101.62%#		
Phenol-d6	9.76	99	3006344	49.59 ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery = 99.18%#		
19) Nitrobenzene-d5	13.05	82	2259547	50.83 ppm	0.01
Spiked Amount 50.000	Range 35 - 114		Recovery = 101.66%		
39) 2-Fluorobiphenyl	21.92	172	3874068	50.26 ppm	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 100.52%		
61) 2,4,6-Tribromophenol	27.20	330	823273	53.96 ppm	0.00
Spiked Amount 50.000	Range 10 - 123		Recovery = 107.92%		
72) p-Terphenyl-d14	33.55	244	3466361	50.00 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 100.00%		

Target Compounds					Qvalue
2) Pyridine	3.51	79	2404183m	47.70 ppm	
3) N-Nitrosodimethylamine	3.53	74	1649543	47.82 ppm	79
5) Bis(2-chloroethyl)ether	9.93	93	2401106	47.03 ppm	99
7) Phenol	9.81	94	2987990	51.33 ppm	91
8) 2-Chlorophenol	9.94	128	2288013	49.84 ppm	97
9) 1,3-Dichlorobenzene	10.43	146	2394953	49.71 ppm	99
10) 1,4-Dichlorobenzene	10.74	146	2487939	50.66 ppm	98
11) 1,2-Dichlorobenzene	11.29	146	2238513	49.71 ppm	90
12) Benzyl alcohol	11.52	108	1502345	52.37 ppm	87
13) Bis(2-chloroisopropyl)ethe	12.06	45	3693474	46.83 ppm	73
14) 2-Methylphenol	12.14	108	2204115m	50.80 ppm	
15) Hexachloroethane	12.62	117	990943	51.86 ppm	91
N-nitroso-di-n-propylamine	12.71	70	1507518	45.64 ppm	98
17) 3 & 4-Methylphenol	12.90	107	4801933	99.30 ppm	97
20) Nitrobenzene	13.13	77	2065923	46.65 ppm	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0301001.D
Acq On : 19 Jul 2005 12:25 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:11 19105

Vial: 3
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21) Isophorone	14.30	82	4419892	49.05 ppm		92
22) 2-Nitrophenol	14.51	139	1356010	51.18 ppm		94
23) 2,4-Dimethylphenol	15.13	107	2135005	51.08 ppm		98
24) Bis(2-chloroethoxy)methane	15.48	93	3013892	48.85 ppm		97
25) 2,4-Dichlorophenol	15.71	162	1700530	52.35 ppm		94
26) Benzoic acid	15.13	122	1990719	50.04 ppm		93
27) 1,2,4-Trichlorobenzene	15.91	180	1759802	51.19 ppm		90
28) Naphthalene	16.19	128	5950063	49.78 ppm		95
29) 2,6-Dichlorophenol	16.70	162	1725812	51.98 ppm		97
30) 4-Chloroaniline	16.73	127	2678787	56.41 ppm		99
31) Hexachlorobutadiene	16.95	225	818279	52.44 ppm		91
[illegible] 4-Chloro-3-methylphenol	19.54	107	1826073	53.32 ppm	#	79
33) 2-Methylnaphthalene	19.67	142	3817805	47.70 ppm		93
34) 1-Methylnaphthalene	20.22	142	3815959	50.04 ppm		93
36) Hexachlorocyclopentadiene	20.73	237	797286	51.42 ppm		99
37) 2,4,6-Trichlorophenol	21.53	196	1078869	52.54 ppm		96
38) 2,4,5-Trichlorophenol	21.68	196	1138674	53.67 ppm		95
40) 2-Chloronaphthalene	22.23	162	3752455	48.48 ppm		96
41) 2-Nitroaniline	22.97	65	1113612	50.92 ppm		90
42) Acenaphthylene	23.92	152	5533708	49.23 ppm		99
43) Dimethyl phthalate	23.96	163	4074037	50.61 ppm		96
44) 1,3-Dinitrobenzene	23.92	168	848517	51.17 ppm		88
45) 2,6-Dinitrotoluene	24.08	165	1143010	51.32 ppm		92
46) Acenaphthene	24.62	153	3524222	50.23 ppm		92
47) 3-Nitroaniline	24.64	138	1267506	53.38 ppm		90
48) 2,4-Dinitrophenol	25.04	184	491139	50.37 ppm		81
49) Dibenzofuran	25.26	168	4923869	50.88 ppm		95
50) 2,4-Dinitrotoluene	25.50	165	1514820	52.92 ppm	#	68
51) Pentachlorobenzene	25.13	250	1424001	52.04 ppm	#	93
52) 4-Nitrophenol	25.57	139	837473	49.33 ppm	#	76
53) Fluorene	26.40	166	3782716	49.33 ppm		98
54) 4-Chlorophenyl phenyl ethe	26.54	204	1660505	52.28 ppm		97
55) Diethyl phthalate	26.43	149	4253516	50.88 ppm		95
56) 4-Nitroaniline	26.75	138	1307521	51.28 ppm		82
57) 1,2-Diphenylhydrazine	27.02	77	4539624	49.79 ppm		92
58) 4,6-Dinitro-2-methylphenol	26.82	198	859022	50.73 ppm		84
60) N-Nitrosodiphenylamine	26.99	169	3191651	50.45 ppm		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0301001.D
Acq On : 19 Jul 2005 12:25 pm
Sample : 50 ppm
isc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:11 19105

Vial: 3
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
62)	4-Bromophenyl phenyl ether	28.00	248	1033900	50.68	ppm		97
63)	Hexachlorobenzene	28.08	284	1224041	50.19	ppm		92
64)	Pentachlorophenol	28.77	266	631433	48.98	ppm		98
65)	Phenanthrene	29.24	178	5105050	48.43	ppm		99
66)	Anthracene	29.39	178	5247246	49.34	ppm		99
67)	Di-n-butylphthalate	31.06	149	7521338	49.46	ppm		99
68)	Fluoranthene	32.46	202	4821403	49.32	ppm		91
70)	Benzidine	32.93	184	3129603	48.72	ppm	#	94
71)	Pyrene	33.03	202	5103997	48.56	ppm		89
73)	Butyl benzyl phthalate	34.89	149	3335636	48.61	ppm		92
74)	3,3'-Dichlorobenzidine	36.27	252	1750781	54.31	ppm		93
[illegible]	Benzo(a)anthracene	36.24	228	4592731	48.34	ppm		99
76)	Chrysene	36.39	228	4481427	50.58	ppm		99
77)	bis(2-Ethylhexyl)phthalate	36.59	149	4862227	48.85	ppm		97
79)	Di-n-octyl phthalate	38.61	149	7773486	47.66	ppm		100
80)	Benzo(b)fluoranthene	39.39	252	5302125	48.32	ppm		91
81)	Benzo(k)fluoranthene	39.47	252	4142989	47.38	ppm		91
82)	Benzo(a)pyrene	40.13	252	4521041	49.09	ppm		91
83)	Indeno(1,2,3-cd)pyrene	42.47	276	5269735	48.81	ppm		94
84)	Dibenzo(a,h)anthracene	42.51	278	4364827	48.49	ppm		90
85)	Benzo(ghi)perylene	43.06	276	4510092	48.48	ppm		96

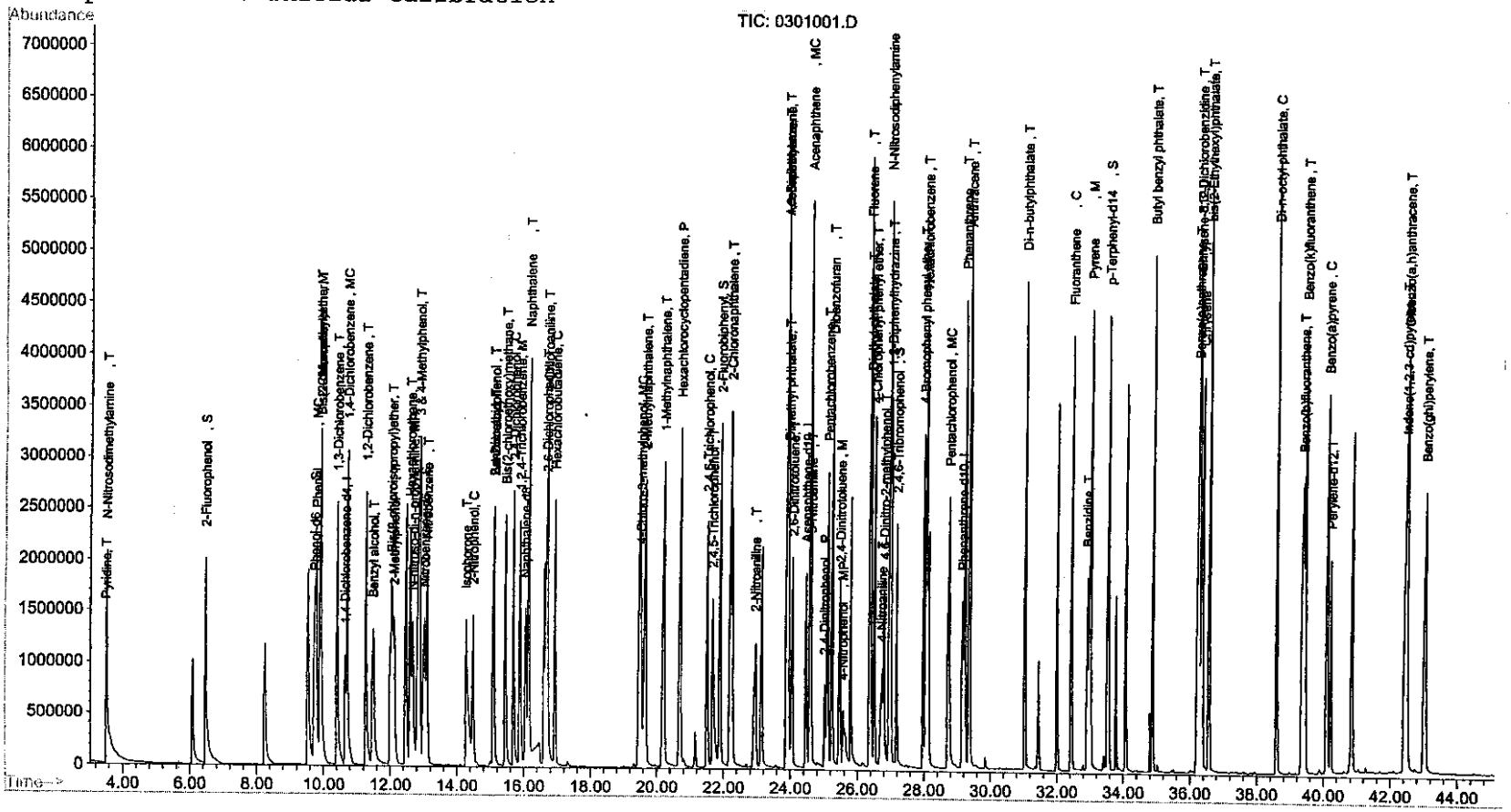
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\071905\0301001.D
Acq On : 19 Jul 2005 12:25 pm
Sample : 50 ppm
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:11 19105

Vial: 3
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0401001.D
Acq On : 19 Jul 2005 4:02 pm
Sample : mb-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:14 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	835452	20.00 ppm	-0.01
18) Naphthalene-d8	16.05	136	3177799	20.00 ppm	-0.02
35) Acenaphthene-d10	24.46	164	1609150	20.00 ppm	-0.02
57) Phenanthrene-d10	29.14	188	2427473	20.00 ppm	-0.02
69) Chrysene-d12	36.25	240	2063070	20.00 ppm	-0.03
78) Perylene-d12	40.22	264	1658955	20.00 ppm	-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	6.56	112	1366138	22.28 ppm	0.07
Spiked Amount 50.000	Range 21 - 100		Recovery = 44.56%		
7) Phenol-d6	9.75	99	1847851	23.84 ppm	-0.02
Spiked Amount 50.000	Range 10 - 94		Recovery = 47.68%		
19) Nitrobenzene-d5	12.99	82	1306561	23.17 ppm	-0.04
Spiked Amount 50.000	Range 35 - 114		Recovery = 46.34%		
39) 2-Fluorobiphenyl	21.88	172	2450325	25.62 ppm	-0.04
Spiked Amount 50.000	Range 43 - 116		Recovery = 51.24%		
61) 2,4,6-Tribromophenol	27.15	330	638406	32.84 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery = 65.68%		
72) p-Terphenyl-d14	33.55	244	3425891	36.65 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 73.30%		

Target Compounds					Qvalue
2) Pyridine	3.42	79	785	N.D.	
3) N-Nitrosodimethylamine	3.17	74	168376	N.D.	
5) Bis(2-chloroethyl)ether	9.96	93	101	N.D.	
7) Phenol	9.79	94	16539	N.D.	
8) 2-Chlorophenol	9.88	128	340	N.D.	
9) 1,3-Dichlorobenzene	10.43	146	720	N.D.	
10) 1,4-Dichlorobenzene	10.73	146	1447	N.D.	
11) 1,2-Dichlorobenzene	11.29	146	357	N.D.	
12) Benzyl alcohol	11.53	108	476	N.D.	
13) Bis(2-chloroisopropyl)ethe	11.97	45	2766	N.D.	
14) 2-Methylphenol	11.53	108	476	N.D.	
15) Hexachloroethane	12.61	117	102	N.D.	
N-nitroso-di-n-propylamine	12.99	70	159025	N.D.	
17) 3 & 4-Methylphenol	13.45	107	125	N.D.	
20) Nitrobenzene	13.10	77	332	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0401001.D
Acq On : 19 Jul 2005 4:02 pm
Sample : mb-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:14 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
21) Isophorone	14.07	82	468	N.D.	
22) 2-Nitrophenol	14.76	139	122	N.D.	
23) 2,4-Dimethylphenol	15.10	107	653	N.D.	
24) Bis(2-chloroethoxy)methane	15.32	93	112	N.D.	
25) 2,4-Dichlorophenol	15.82	162	745	N.D.	
26) Benzoic acid	15.12	122	1094	N.D.	
27) 1,2,4-Trichlorobenzene	15.89	180	976	N.D.	
28) Naphthalene	16.13	128	3361	N.D.	
29) 2,6-Dichlorophenol	16.30	162	125	N.D.	
30) 4-Chloroaniline	16.67	127	364	N.D.	
) Hexachlorobutadiene	0.00	225	0	N.D.	
32) 4-Chloro-3-methylphenol	19.49	107	120	N.D.	
33) 2-Methylnaphthalene	19.80	142	116	N.D.	
34) 1-Methylnaphthalene	19.80	142	116	N.D.	
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
37) 2,4,6-Trichlorophenol	21.51	196	268	N.D.	
38) 2,4,5-Trichlorophenol	21.67	196	108	N.D.	
40) 2-Chloronaphthalene	22.19	162	288	N.D.	
41) 2-Nitroaniline	22.93	65	424	N.D.	
42) Acenaphthylene	24.01	152	1435	N.D.	
43) Dimethyl phthalate	24.46	163	312018	N.D.	
44) 1,3-Dinitrobenzene	23.74	168	103	N.D.	
45) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
46) Acenaphthene	24.55	153	1194	N.D.	
47) 3-Nitroaniline	24.61	138	123	N.D.	
48) 2,4-Dinitrophenol	0.00	184	0	N.D.	d
49) Dibenzofuran	25.18	168	880	N.D.	
50) 2,4-Dinitrotoluene	25.46	165	1520	N.D.	
51) Pentachlorobenzene	0.00	250	0	N.D.	
52) 4-Nitrophenol	0.00	139	0	N.D.	d
53) Fluorene	26.32	166	1448	N.D.	
54) 4-Chlorophenyl phenyl ethe	26.46	204	631	N.D.	
55) Diethyl phthalate	26.35	149	46278	N.D.	
56) 4-Nitroaniline	26.72	138	304	N.D.	
1,2-Diphenylhydrazine	27.04	77	1567	N.D.	
59) 4,6-Dinitro-2-methylphenol	26.76	198	102	N.D.	
60) N-Nitrosodiphenylamine	26.89	169	2999	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0401001.D
Acq On : 19 Jul 2005 4:02 pm
Sample : mb-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:14 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62)	4-Bromophenyl phenyl ether	27.92	248	686	N.D.	
63)	Hexachlorobenzene	27.99	284	161	N.D.	
64)	Pentachlorophenol	0.00	266	0	N.D. d	
65)	Phenanthrene	29.18	178	17706	N.D.	
66)	Anthracene	29.31	178	7580	N.D.	
67)	Di-n-butylphthalate	31.01	149	563398	N.D.	
68)	Fluoranthene	32.43	202	4925	N.D.	
70)	Benzidine	0.00	184	0	N.D. d	
71)	Pyrene	32.98	202	6906	N.D.	
73)	Butyl benzyl phthalate	34.86	149	15876	N.D.	
[illegible]	3,3'-Dichlorobenzidine	36.26	252	1433	N.D.	
[illegible]	Benzo(a)anthracene	36.30	228	2054	N.D.	
76)	Chrysene	36.30	228	2054	N.D.	
77)	bis(2-Ethylhexyl)phthalate	36.55	149	197794	N.D.	
79)	Di-n-octyl phthalate	38.59	149	229456	N.D.	
80)	Benzo(b)fluoranthene	39.41	252	2163	N.D.	
81)	Benzo(k)fluoranthene	40.08	252	1696	N.D.	
82)	Benzo(a)pyrene	40.08	252	1831	N.D.	
83)	Indeno(1,2,3-cd)pyrene	42.45	276	2478	N.D.	
84)	Dibenzo(a,h)anthracene	43.02	278	1627	N.D.	
85)	Benzo(ghi)perylene	42.45	276	2478	N.D.	

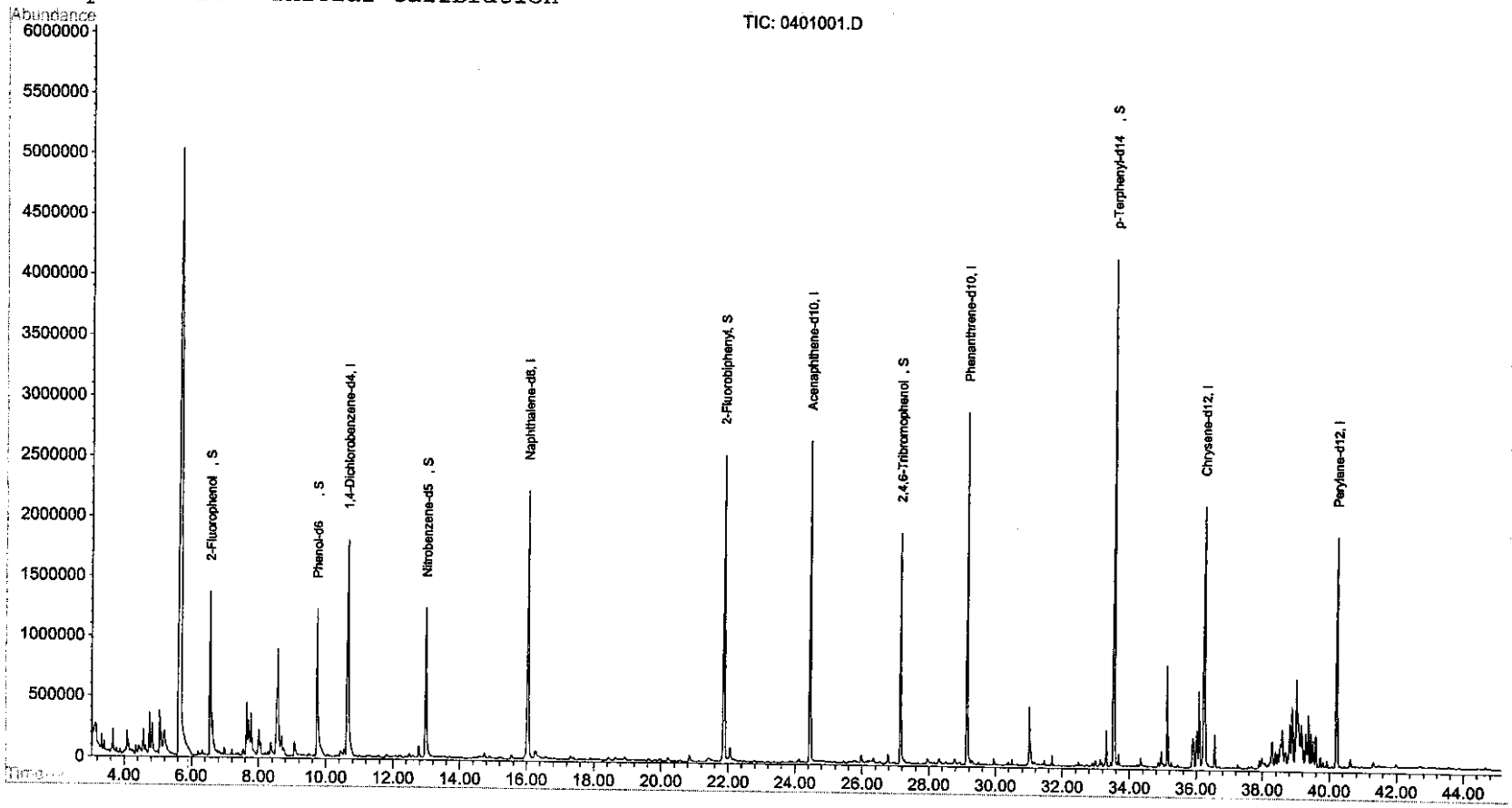
(#) = qualifier out of range (m) = manual integration

Data Fi' : C:\HPCHEM\1\DATA\071905\0401001.D
Acq On : 19 Jul 2005 4:02 pm
Sample : mb-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:14 19105

Vial: 4
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0501002.D
Acq On : 19 Jul 2005 4:57 pm
Sample : lcs-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:17 19105

Vial: 5
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.67	152	849434	20.00 ppm	0.00
18) Naphthalene-d8	16.05	136	3228866	20.00 ppm	-0.03
35) Acenaphthene-d10	24.46	164	1653558	20.00 ppm	-0.03
57) Phenanthrene-d10	29.14	188	2459748	20.00 ppm	-0.03
69) Chrysene-d12	36.25	240	2096940	20.00 ppm	-0.04
78) Perylene-d12	40.22	264	1434067	20.00 ppm	-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	6.58	112	1638078	26.28 ppm	0.10
Spiked Amount 50.000	Range 21 - 100		Recovery = 52.56%		
) Phenol-d6	9.78	99	2179723	27.66 ppm	0.00
Spiked Amount 50.000	Range 10 - 94		Recovery = 55.32%		
19) Nitrobenzene-d5	13.00	82	1592120	27.79 ppm	-0.04
Spiked Amount 50.000	Range 35 - 114		Recovery = 55.58%		
39) 2-Fluorobiphenyl	21.89	172	3024410	30.78 ppm	-0.04
Spiked Amount 50.000	Range 43 - 116		Recovery = 61.56%		
61) 2,4,6-Tribromophenol	27.16	330	658137	33.41 ppm	-0.04
Spiked Amount 50.000	Range 10 - 123		Recovery = 66.82%		
72) p-Terphenyl-d14	33.54	244	3369540	35.47 ppm	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 70.94%		

Target Compounds					Qvalue
2) Pyridine	3.11	79	548	N.D.	
3) N-Nitrosodimethylamine	0.00	74	0	N.D. d	
5) Bis(2-chloroethyl)ether	9.95	93	30599	N.D.	
7) Phenol	9.83	94	2209984	29.21 ppm	91
8) 2-Chlorophenol	9.95	128	1629270	27.31 ppm	95
9) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
10) 1,4-Dichlorobenzene	10.73	146	1565018	24.52 ppm	98
11) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
12) Benzyl alcohol	11.53	108	1029	N.D.	
13) Bis(2-chloroisopropyl)ethe	12.21	45	6400	N.D.	
14) 2-Methylphenol	11.79	108	320	N.D.	
15) Hexachloroethane	12.61	117	123	N.D.	
) N-nitroso-di-n-propylamine	12.62	70	1154721	26.90 ppm	96
17) 3 & 4-Methylphenol	12.91	107	2371	N.D.	
20) Nitrobenzene	13.12	77	1109	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0501002.D
Acq On : 19 Jul 2005 4:57 pm
Sample : lcs-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:17 19105

Vial: 5
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
21) Isophorone	14.40	82	2372	N.D.		
22) 2-Nitrophenol	14.50	139	500	N.D.		
23) 2,4-Dimethylphenol	15.10	107	422	N.D.		
24) Bis(2-chloroethoxy)methane	15.45	93	141	N.D.		
25) 2,4-Dichlorophenol	15.79	162	665	N.D.		
26) Benzoic acid	15.13	122	332	N.D.		
27) 1,2,4-Trichlorobenzene	15.89	180	1247936	28.16 ppm		90
28) Naphthalene	16.13	128	3907	N.D.		
29) 2,6-Dichlorophenol	16.69	162	105	N.D.		
30) 4-Chloroaniline	16.64	127	111	N.D.		
) Hexachlorobutadiene	0.00	225	0	N.D.		
32) 4-Chloro-3-methylphenol	19.50	107	1462775	33.13 ppm	#	73
33) 2-Methylnaphthalene	19.50	142	1304823	12.65 ppm	#	18
34) 1-Methylnaphthalene	0.00	142	0	N.D.		
36) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
37) 2,4,6-Trichlorophenol	21.54	196	123	N.D.		
38) 2,4,5-Trichlorophenol	21.54	196	123	N.D.		
40) 2-Chloronaphthalene	22.22	162	294	N.D.		
41) 2-Nitroaniline	22.92	65	696	N.D.		
42) Acenaphthylene	0.00	152	0	N.D.		
43) Dimethyl phthalate	24.47	163	319713	N.D.		
44) 1,3-Dinitrobenzene	24.23	168	162	N.D.		
45) 2,6-Dinitrotoluene	23.99	165	10180	N.D.		
46) Acenaphthene	24.59	153	2784824	31.14 ppm		93
47) 3-Nitroaniline	24.57	138	2390	N.D.		
48) 2,4-Dinitrophenol	0.00	184	0	N.D. d		
49) Dibenzofuran	25.25	168	119	N.D.		
50) 2,4-Dinitrotoluene	25.45	165	1238020	33.93 ppm	#	69
51) Pentachlorobenzene	25.09	250	107	N.D.		
52) 4-Nitrophenol	25.54	139	768792	36.67 ppm		80
53) Fluorene	26.36	166	1048	N.D.		
54) 4-Chlorophenyl phenyl ethe	26.47	204	118	N.D.		
55) Diethyl phthalate	26.37	149	16125	N.D.		
56) 4-Nitroaniline	26.78	138	356	N.D.		
) 1,2-Diphenylhydrazine	26.99	77	583	N.D.		
59) 4,6-Dinitro-2-methylphenol	26.78	198	138	N.D.		
60) N-Nitrosodiphenylamine	26.88	169	860	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\071905\0501002.D Vial: 5
Acq On : 19 Jul 2005 4:57 pm Operator: KMI
Sample : lcs-1952 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:17 19105 Quant Results File: PR071805.RE

Quant Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration
DataAcq Meth : 8270FULL

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
62) 4-Bromophenyl phenyl ether	27.40	248	105	N.D.	
63) Hexachlorobenzene	0.00	284	0	N.D.	
64) Pentachlorophenol	28.73	266	546657	34.67 ppm	97
65) Phenanthrene	29.18	178	2575	N.D.	
66) Anthracene	29.34	178	835	N.D.	
67) Di-n-butylphthalate	31.02	149	434940	N.D.	
68) Fluoranthene	0.00	202	0	N.D. d	
70) Benzidine	0.00	184	0	N.D. d	
71) Pyrene	33.01	202	3631560	25.21 ppm	92
73) Butyl benzyl phthalate	34.86	149	11311	N.D.	
) 3,3'-Dichlorobenzidine	36.24	252	372	N.D.	
75) Benzo(a)anthracene	36.25	228	5011	N.D.	
76) Chrysene	36.31	228	339	N.D.	
77) bis(2-Ethylhexyl)phthalate	36.56	149	162981	N.D.	
79) Di-n-octyl phthalate	38.58	149	204503	N.D.	
80) Benzo(b)fluoranthene	39.36	252	496	N.D.	
81) Benzo(k)fluoranthene	39.45	252	586	N.D.	
82) Benzo(a)pyrene	40.08	252	387	N.D.	
83) Indeno(1,2,3-cd)pyrene	42.45	276	456	N.D.	
84) Dibenzo(a,h)anthracene	42.54	278	1340	N.D.	
85) Benzo(ghi)perylene	43.02	276	1795	N.D.	

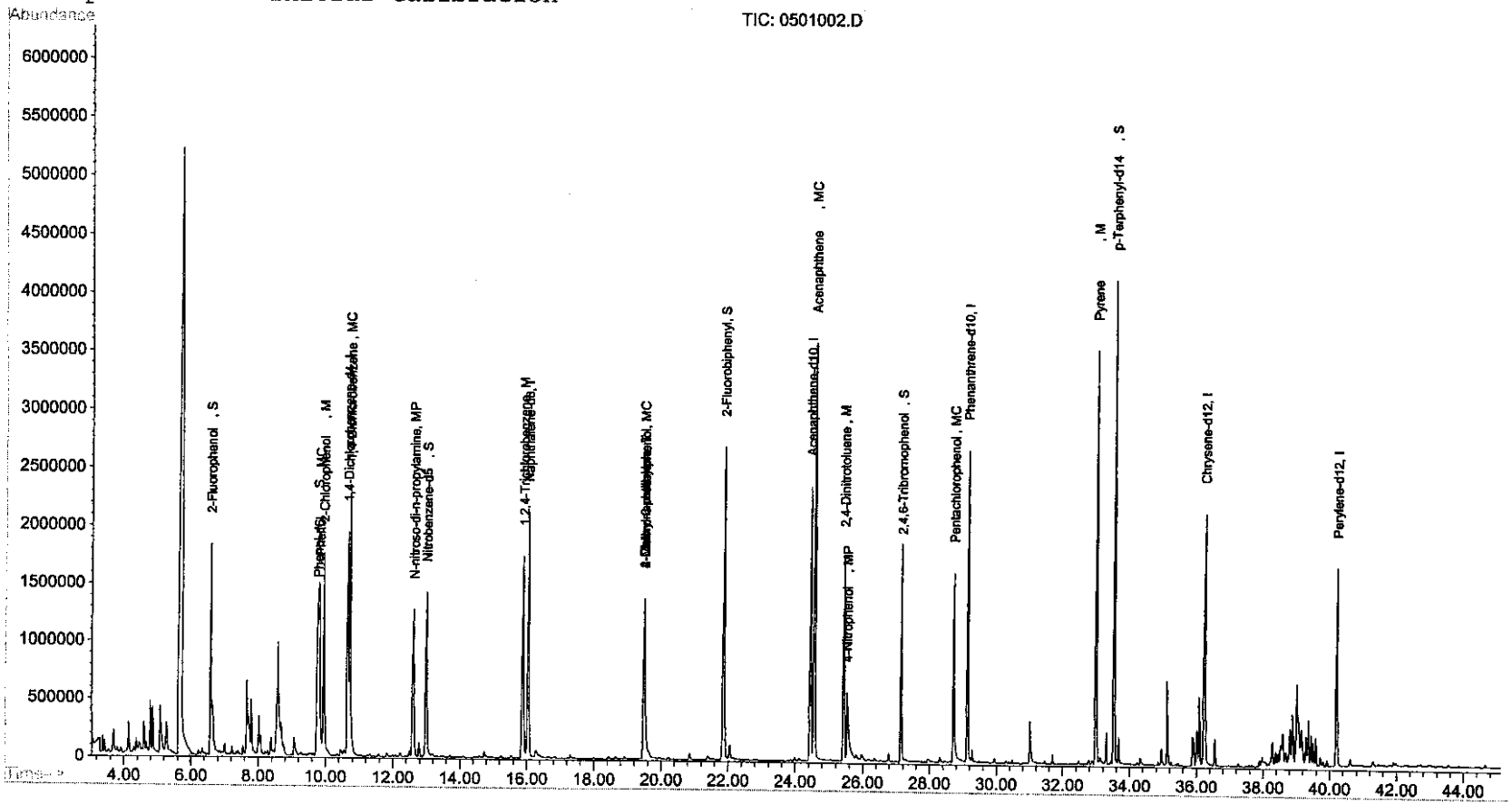
(#) = qualifier out of range (m) = manual integration

Data Fi : C:\HPCHEM\1\DATA\071905\0501002.D
Acq On : 19 Jul 2005 4:57 pm
Sample : lcs-1952
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 19 18:17 19105

Vial: 5
Operator: KMI
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: PR071805.RES

Method : O:\ORGANICS\HPCHEM\MS-003\METHODS\PR071805.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Tue Jul 19 09:07:43 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed) Run # 3887

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0401005.D Vial: 4
Acq On : 14 Jul 2005 3:53 pm Operator: RG
Sample : 1579-0012,1,, Inst : ms-01
Misc : b-51 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.50	96	250755	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	145331	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	204715	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	73618	49.61 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 99.22%		
23) 1,2-dichloroethane-d4	13.08	65	80454	47.01 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.02%		
36) toluene-d8	15.78	98	262150	51.94 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 103.88%		
55) p-bromofluorobenzene	19.58	176	313497	135.13 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 270.26%#		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.55	94	588	1.03 ppb	87
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	0.00	84	0	N.D.	
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	12.88	78	4026	-3.88 ppb #	52
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	4540	-2.05 ppb #	90
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0401005.D Vial: 4
Acq On : 14 Jul 2005 3:53 pm Operator: RG
Sample : 1579-0012,1,, Inst : ms-01
Misc : b-51 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

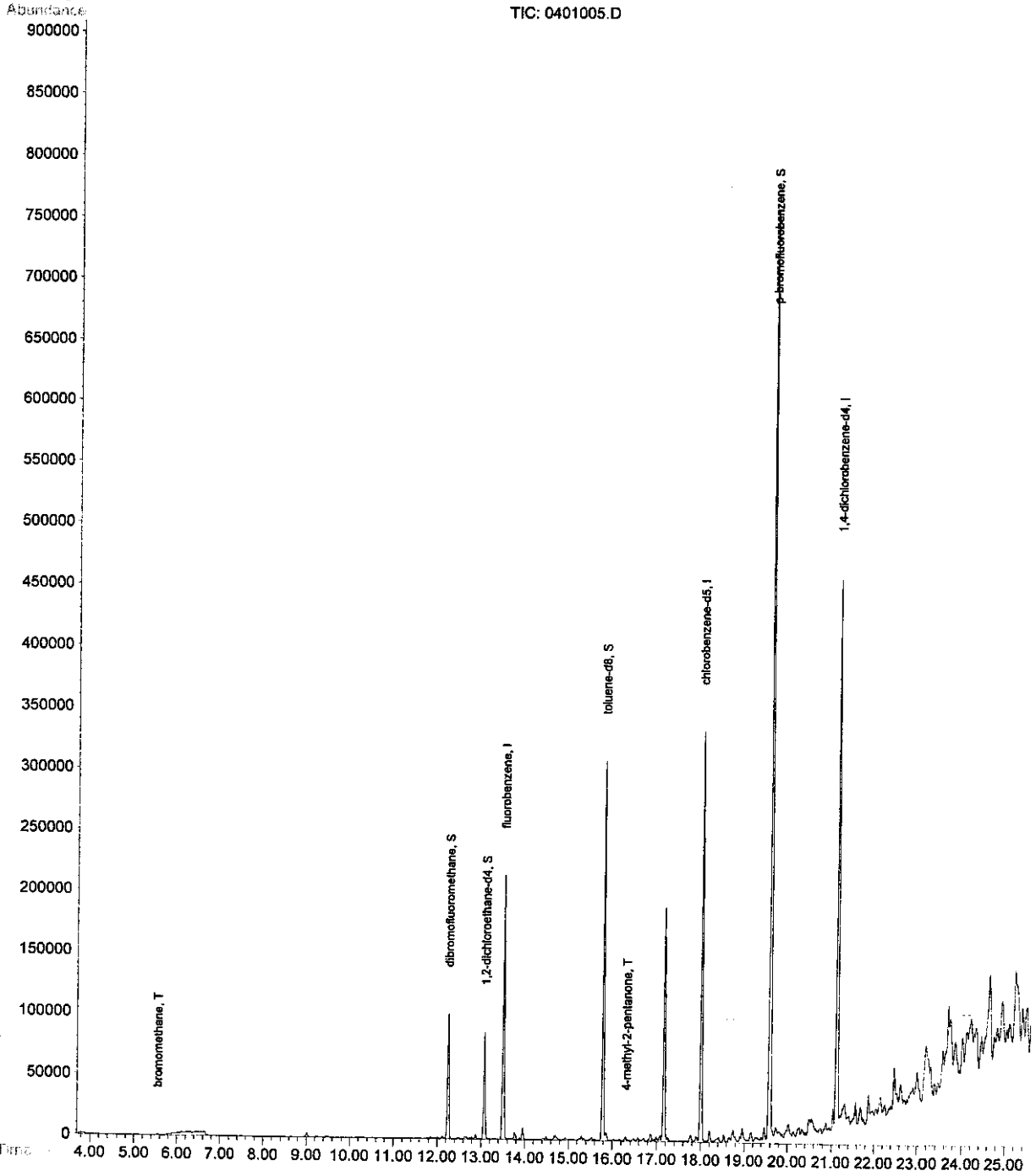
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	16.30	43	2441	~~3312.52 ppb # 46~~ ND 7/15/05	
44) 2-hexanone	0.00	43	0	N.D.	
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	0.00	112	0	N.D.	
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	18.01	91	3738	-3.19 ppb #	52
49) m,p-xylene	18.20	106	3886	-4.84 ppb #	84
50) o-xylene	0.00	106	0	N.D.	
51) styrene	0.00	104	0	N.D.	
53) isopropylbenzene	0.00	105	0	N.D.	
54) 1,1,2,2-tetrachloroethane	19.78	83	3828	-2.90 ppb #	31
56) bromobenzene	0.00	156	0	N.D.	
57) 1,2,3-trichloropropane	0.00	110	0	N.D.	
58) n-propylbenzene	19.71	91	2290	-3.00 ppb #	56
59) 2-chlorotoluene	0.00	91	0	N.D.	
60) 1,3,5-trimethylbenzene	19.93	105	2278	-2.69 ppb #	27
61) 4-chlorotoluene	0.00	91	0	N.D.	
62) tert-butylbenzene	0.00	119	0	N.D.	
63) 1,2,4-trimethylbenzene	19.93	105	2278	-2.69 ppb #	27
64) sec-butylbenzene	20.65	105	2555	-2.02 ppb #	59
65) p-isopropyltoluene	0.00	119	0	N.D.	
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	21.40	91	3349	-1.62 ppb #	11
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	24.52	128	3261	N.D.	
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0401005.D Vial: 4
Acq On : 14 Jul 2005 3:53 pm Operator: RG
Sample : 1579-0012,1,, Inst : ms-01
Misc : b-51 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0501006.D Vial: 5
Acq On : 14 Jul 2005 4:27 pm Operator: RG
Sample : 1579-0013,1,, Inst : ms-01
Misc : b-52 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	344998	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	180235	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	235341	50.00 ppb	0.00

System Monitoring Compounds

22) dibromofluoromethane	12.24	113	91404	44.64 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 89.28%		
23) 1,2-dichloroethane-d4	13.08	65	94884	40.43 ppb	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.86%		
36) toluene-d8	15.78	98	336281	48.26 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 96.52%		
55) p-bromofluorobenzene	19.58	176	410586	154.06 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 308.12%#		

10350 7/18/05

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.53	94	113	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	3209	-5.94 ppb	90
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	2065	-2.56 ppb #	28
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0501006.D Vial: 5
Acq On : 14 Jul 2005 4:27 pm Operator: RG
Sample : 1579-0013,1,, Inst : ms-01
Misc : b-52 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

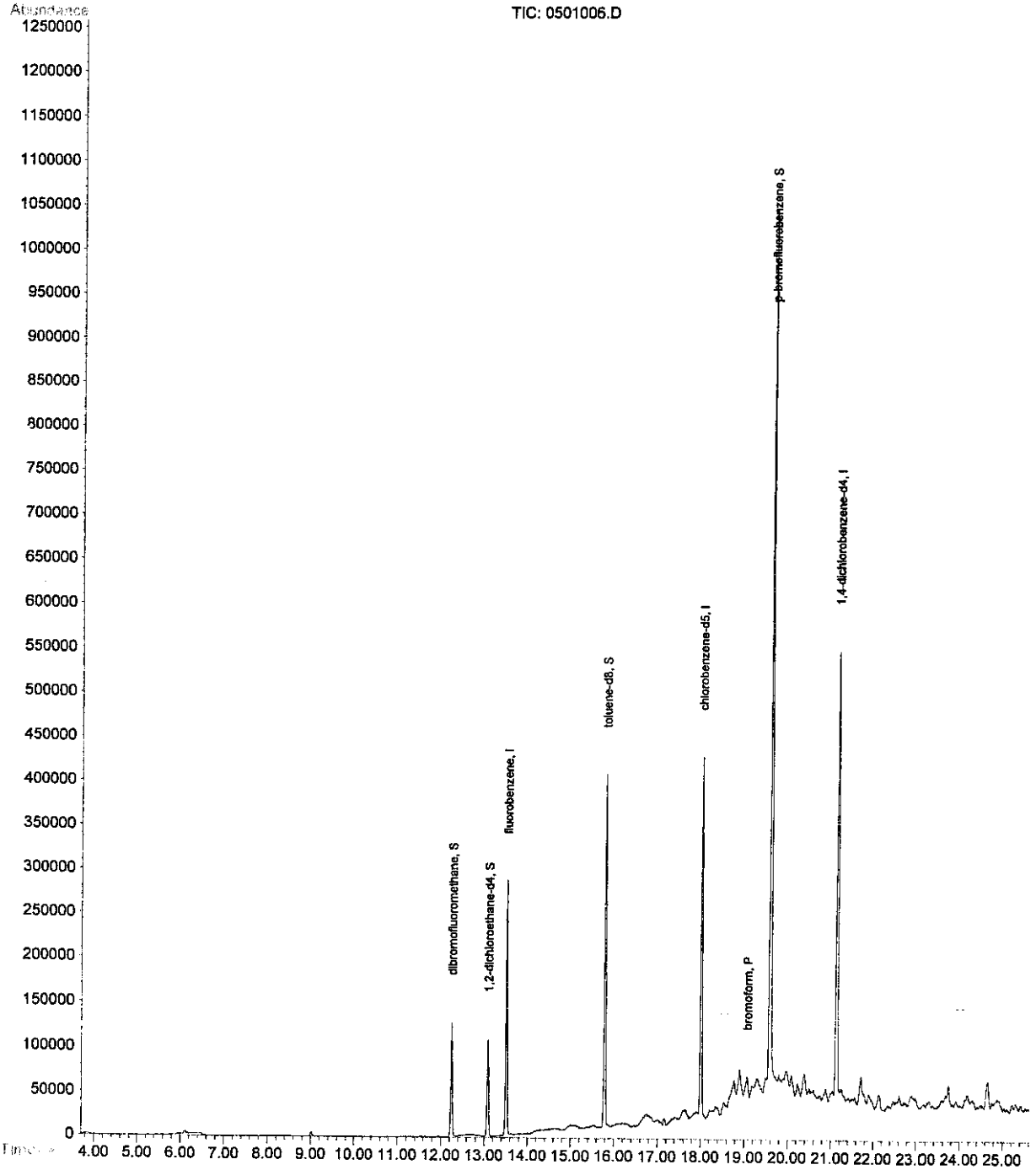
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41)	dibromochloromethane	0.00	129	0	N.D.		
42)	bromoform	19.07	173	21747	~~11.81 ppb~~	~~#~~	~~27~~ ND 7/15/05
43)	4-methyl-2-pentanone	0.00	43	0	N.D.		
44)	2-hexanone	0.00	43	0	N.D.		
45)	tetrachloroethene	0.00	164	0	N.D.		
46)	chlorobenzene	0.00	112	0	N.D.		
47)	1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48)	ethylbenzene	18.01	91	3318	-3.33 ppb	#	52
49)	m,p-xylene	18.21	106	2046	-5.57 ppb	#	79
50)	o-xylene	0.00	106	0	N.D.		
51)	styrene	0.00	104	0	N.D.		
53)	isopropylbenzene	0.00	105	0	N.D.		
54)	1,1,2,2-tetrachloroethane	19.78	83	3990	-3.00 ppb	#	31
56)	bromobenzene	19.50	156	2497	-1.39 ppb		85
57)	1,2,3-trichloropropane	0.00	110	0	N.D.		
58)	n-propylbenzene	0.00	91	0	N.D.		
59)	2-chlorotoluene	0.00	91	0	N.D.		
60)	1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61)	4-chlorotoluene	0.00	91	0	N.D.		
62)	tert-butylbenzene	0.00	119	0	N.D.		
63)	1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64)	sec-butylbenzene	20.49	105	3831	-1.96 ppb	#	59
65)	p-isopropyltoluene	0.00	119	0	N.D.		
66)	1,3-dichlorobenzene	0.00	146	0	N.D.		
67)	1,4-dichlorobenzene	0.00	146	0	N.D.		
68)	1,2-dichlorobenzene	0.00	146	0	N.D.		
69)	n-butylbenzene	0.00	91	0	N.D.		
70)	1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71)	1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72)	hexachlorobutadiene	0.00	225	0	N.D.		
73)	naphthalene	24.51	128	2187	N.D.		
74)	1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0501006.D Vial: 5
Acq On : 14 Jul 2005 4:27 pm Operator: RG
Sample : 1579-0013,1,, Inst : ms-01
Misc : b-52 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0601007.D Vial: 6
Acq On : 14 Jul 2005 5:00 pm Operator: RG
Sample : 1579-0013ms,1,,3 Inst : ms-01
Misc : b-52 100 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 15:49 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.50	96	396095	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	193176	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	241765	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	104605	44.50 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 89.00%		
23) 1,2-dichloroethane-d4	13.08	65	103854	38.58 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.16%# OK		
36) toluene-d8	15.78	98	373141	46.56 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 93.12%		
55) p-bromofluorobenzene	19.58	176	432607	158.03 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 316.06%#		

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.54	94	549	0.53 ppb #	29
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	7.65	96	102614	94.14 ppb	94
11) methylene chloride	9.01	84	3918	-5.76 ppb	87
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	12.88	78	687148	98.16 ppb	99
28) trichloroethene	13.76	130	237909	93.00 ppb	96
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	862885	89.97 ppb	100
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0601007.D Vial: 6
Acq On : 14 Jul 2005 5:00 pm Operator: RG
Sample : 1579-0013ms,1,,3 Inst : ms-01
Misc : b-52 100 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 15:49 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

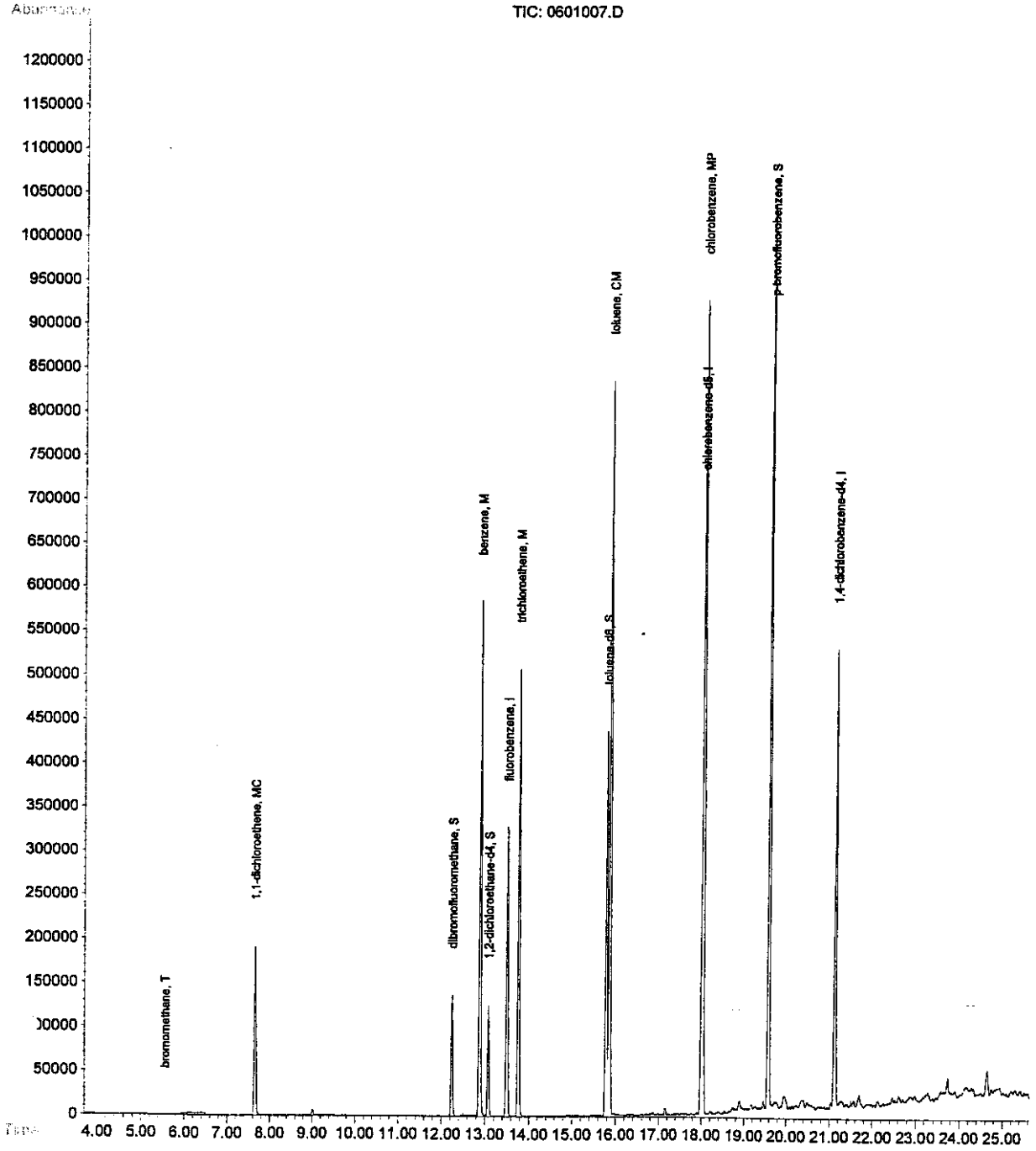
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	18.03	112	678424	101.06 ppb	#	80
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.01	91	3106	-3.37 ppb	#	52
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	19.96	83	2387	-3.39 ppb	#	31
56) bromobenzene	0.00	156	0	N.D.		
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.58	91	2015	-3.05 ppb	#	56
59) 2-chlorotoluene	0.00	91	0	N.D.		
60) 1,3,5-trimethylbenzene	19.93	105	2186	-2.74 ppb	#	27
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	19.93	105	2186	-2.74 ppb	#	27
64) sec-butylbenzene	20.49	105	4138	-1.95 ppb	#	59
65) p-isopropyltoluene	0.00	119	0	N.D.		
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	0.00	91	0	N.D.		
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	24.52	128	2669	N.D.		
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0601007.D Vial: 6
Acq On : 14 Jul 2005 5:00 pm Operator: RG
Sample : 1579-0013ms,1,,3 Inst : ms-01
Misc : b-52 100 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 15:49 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0602008.D Vial: 6
Acq On : 14 Jul 2005 5:33 pm Operator: RG
Sample : 1579-0013sd,1,,3 Inst : ms-01
Misc : b-52 100 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	448140	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	210029	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	249803	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	113723	42.71 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 85.42%		
23) 1,2-dichloroethane-d4	13.08	65	113255	37.22 ppb	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.44%#		ok
36) toluene-d8	15.78	98	413951	45.61 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 91.22%		
55) p-bromofluorobenzene	19.58	176	449416	158.89 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 317.78%#		10650

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.56	94	559	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	7.66	96	113912	92.29 ppb	98
11) methylene chloride	9.01	84	4727	-5.56 ppb	94
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	12.88	78	769196	97.07 ppb	100
28) trichloroethene	13.76	130	262801	90.79 ppb	97
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	946059	87.10 ppb	100
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0602008.D Vial: 6
Acq On : 14 Jul 2005 5:33 pm Operator: RG
Sample : 1579-0013sd,1,,3 Inst : ms-01
Misc : b-52 100 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

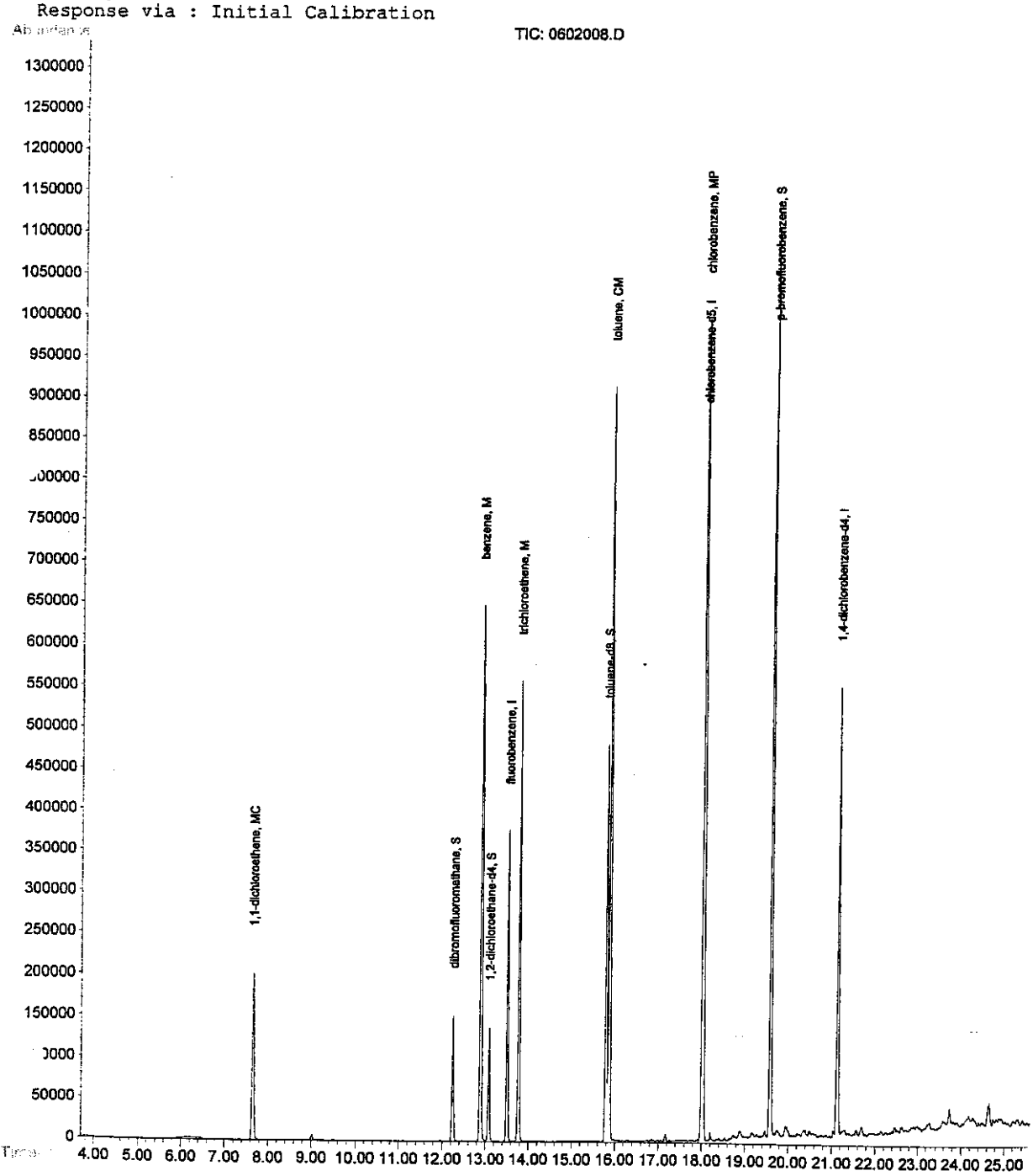
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	18.03	112	728194	99.73 ppb	#	80
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.00	91	2603	-3.44 ppb	#	52
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	19.98	83	2163	-3.46 ppb	#	31
56) bromobenzene	0.00	156	0	N.D.		
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.58	91	2006	-3.05 ppb	#	56
) 2-chlorotoluene	0.00	91	0	N.D.		
0) 1,3,5-trimethylbenzene	19.94	105	2011	-2.77 ppb	#	27
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	19.94	105	2011	-2.77 ppb	#	27
64) sec-butylbenzene	20.49	105	3477	-2.00 ppb	#	59
65) p-isopropyltoluene	0.00	119	0	N.D.		
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	0.00	91	0	N.D.		
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	0.00	128	0	N.D.		
74) 1,2,3-trichlorobenzene	24.66	180	2050	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0602008.D Vial: 6
Acq On : 14 Jul 2005 5:33 pm Operator: RG
Sample : 1579-0013sd,1,,3 Inst : ms-01
Misc : b-52 100 ug/l Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0701009.D Vial: 7
Acq On : 14 Jul 2005 6:06 pm Operator: RG
Sample : 1579-0014,1,, Inst : ms-01
Misc : b-53 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	447934	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	211441	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.13	152	239462	50.00 ppb	0.01
System Monitoring Compounds					
22) dibromofluoromethane	12.25	113	117232	44.09 ppb	0.02
Spiked Amount 50.000	Range 66 - 124		Recovery = 88.18%		
23) 1,2-dichloroethane-d4	13.08	65	111083	36.54 ppb	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.08%#		ok
36) toluene-d8	15.78	98	410112	45.19 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 90.38%		
55) p-bromofluorobenzene	19.58	176	324387	119.45 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 238.90%#		90% 7/15/05

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.53	94	919	0.88 ppb #	75
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.02	84	4964	-5.39 ppb	94
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	4147	-2.42 ppb #	91
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0701009.D Vial: 7
Acq On : 14 Jul 2005 6:06 pm Operator: RG
Sample : 1579-0014,1,, Inst : ms-01
Misc : b-53 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

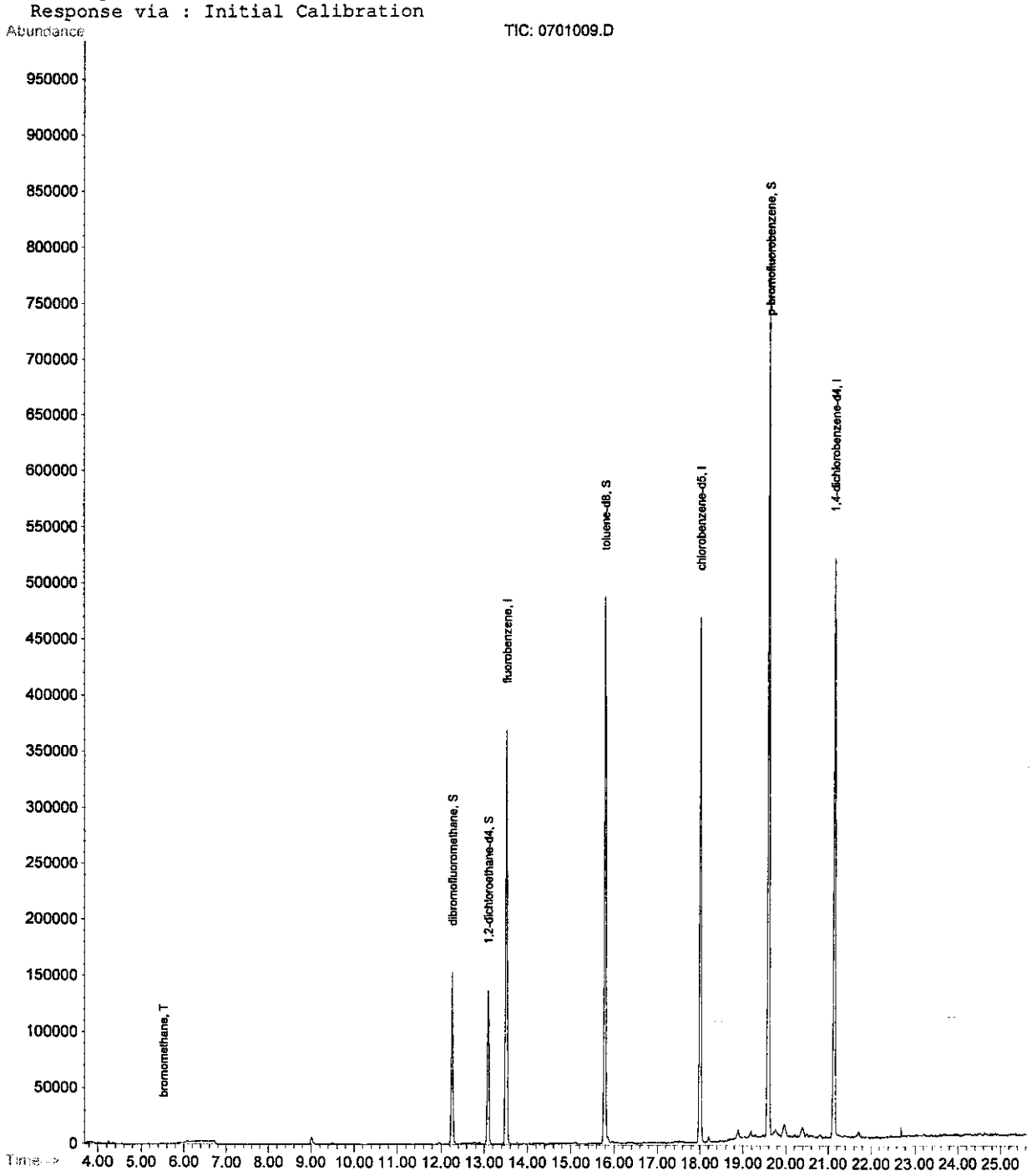
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41)	dibromochloromethane	0.00	129	0	N.D.		
42)	bromoform	0.00	173	0	N.D.		
43)	4-methyl-2-pentanone	0.00	43	0	N.D.		
44)	2-hexanone	0.00	43	0	N.D.		
45)	tetrachloroethene	0.00	164	0	N.D.		
46)	chlorobenzene	0.00	112	0	N.D.		
47)	1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48)	ethylbenzene	18.01	91	2904	-3.41 ppb	#	52
49)	m,p-xylene	0.00	106	0	N.D.		
50)	o-xylene	0.00	106	0	N.D.		
51)	styrene	0.00	104	0	N.D.		
53)	isopropylbenzene	0.00	105	0	N.D.		
54)	1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56)	bromobenzene	0.00	156	0	N.D.		
57)	1,2,3-trichloropropane	0.00	110	0	N.D.		
8)	n-propylbenzene	19.58	91	2295	-3.03 ppb	#	56
9)	2-chlorotoluene	0.00	91	0	N.D.		
60)	1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61)	4-chlorotoluene	0.00	91	0	N.D.		
62)	tert-butylbenzene	0.00	119	0	N.D.		
63)	1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64)	sec-butylbenzene	20.50	105	2052	-2.09 ppb	#	59
65)	p-isopropyltoluene	0.00	119	0	N.D.		
66)	1,3-dichlorobenzene	0.00	146	0	N.D.		
67)	1,4-dichlorobenzene	0.00	146	0	N.D.		
68)	1,2-dichlorobenzene	0.00	146	0	N.D.		
69)	n-butylbenzene	0.00	91	0	N.D.		
70)	1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71)	1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72)	hexachlorobutadiene	0.00	225	0	N.D.		
73)	naphthalene	24.52	128	2365	N.D.		
74)	1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0701009.D Vial: 7
Acq On : 14 Jul 2005 6:06 pm Operator: RG
Sample : 1579-0014,1,, Inst : ms-01
Misc : b-53 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:42 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0801010.D Vial: 8
Acq On : 14 Jul 2005 6:39 pm Operator: RG
Sample : 1579-0015,1,, Inst : ms-01
Misc : b-54 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	481360	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	217814	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	239135	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	127724	44.71 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 89.42%		
23) 1,2-dichloroethane-d4	13.08	65	116131	35.57 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.14%#		ok
36) toluene-d8	15.78	98	434154	44.48 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 88.96%		
55) p-bromofluorobenzene	19.58	176	402925	148.76 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 297.52%#		99% 7/14/05

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.56	94	631	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	6037	-4.94 ppb	96
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0801010.D Vial: 8
Acq On : 14 Jul 2005 6:39 pm Operator: RG
Sample : 1579-0015,1,, Inst : ms-01
Misc : b-54 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

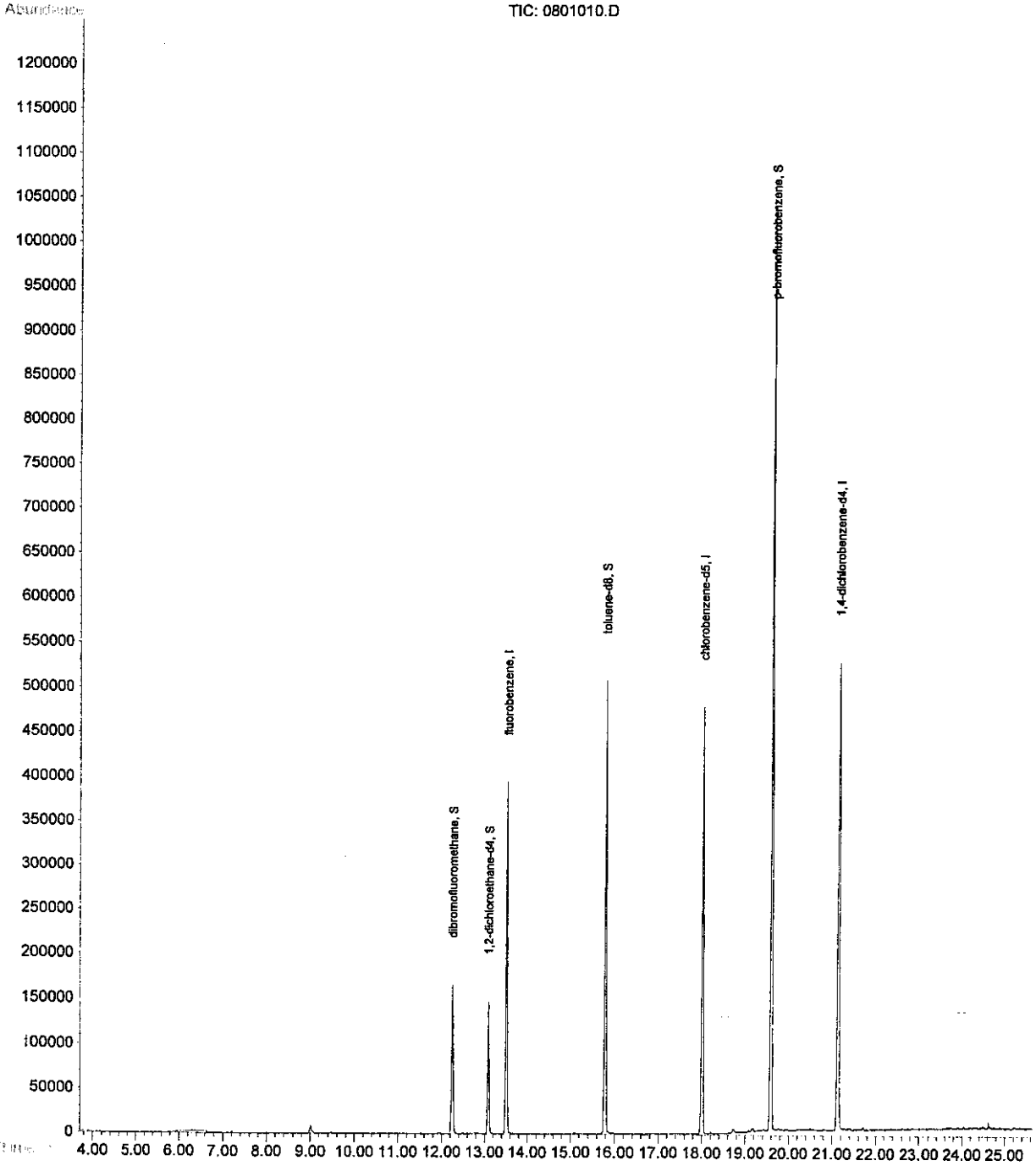
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41)	dibromochloromethane	0.00	129	0	N.D.		
42)	bromoform	0.00	173	0	N.D.		
43)	4-methyl-2-pentanone	0.00	43	0	N.D.		
44)	2-hexanone	0.00	43	0	N.D.		
45)	tetrachloroethene	0.00	164	0	N.D.		
46)	chlorobenzene	0.00	112	0	N.D.		
47)	1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48)	ethylbenzene	18.20	91	2379	-3.46 ppb	#	52
49)	m,p-xylene	0.00	106	0	N.D.		
50)	o-xylene	0.00	106	0	N.D.		
51)	styrene	0.00	104	0	N.D.		
53)	isopropylbenzene	0.00	105	0	N.D.		
54)	1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56)	bromobenzene	0.00	156	0	N.D.		
57)	1,2,3-trichloropropane	0.00	110	0	N.D.		
58)	n-propylbenzene	19.58	91	2968	-2.98 ppb	#	56
59)	2-chlorotoluene	0.00	91	0	N.D.		
60)	1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61)	4-chlorotoluene	0.00	91	0	N.D.		
62)	tert-butylbenzene	0.00	119	0	N.D.		
63)	1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64)	sec-butylbenzene	0.00	105	0	N.D.		
65)	p-isopropyltoluene	0.00	119	0	N.D.		
66)	1,3-dichlorobenzene	0.00	146	0	N.D.		
67)	1,4-dichlorobenzene	0.00	146	0	N.D.		
68)	1,2-dichlorobenzene	0.00	146	0	N.D.		
69)	n-butylbenzene	0.00	91	0	N.D.		
70)	1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71)	1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72)	hexachlorobutadiene	0.00	225	0	N.D.		
73)	naphthalene	0.00	128	0	N.D.		
74)	1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0801010.D Vial: 8
Acq On : 14 Jul 2005 6:39 pm Operator: RG
Sample : 1579-0015,1,, Inst : ms-01
Misc : b-54 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0901011.D Vial: 9
Acq On : 14 Jul 2005 7:13 pm Operator: RG
Sample : 1579-0016,1,20, Inst : ms-01
Misc : b-55 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:16 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

20x

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	479914	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	220664	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	243061	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	122910	43.11 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 86.22%		
23) 1,2-dichloroethane-d4	13.08	65	105993	32.64 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 65.28%#		
36) toluene-d8	15.78	98	438677	45.11 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 90.22%		
55) p-bromofluorobenzene	19.58	176	170345	61.43 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 122.86%		
Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.54	94	135	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	4804	-5.72 ppb #	93
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	12.48	43	8308	-13.50 ppb #	54
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	11.86	83	3505	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	12.88	78	164314	15.50 ppb	99
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	72394	3.61 ppb	99
37) 1,1,2-trichloroethane	16.68	97	4796	0.95 ppb #	1
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0901011.D Vial: 9
Acq On : 14 Jul 2005 7:13 pm Operator: RG
Sample : 1579-0016,1,20, Inst : ms-01
Misc : b-55 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:16 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

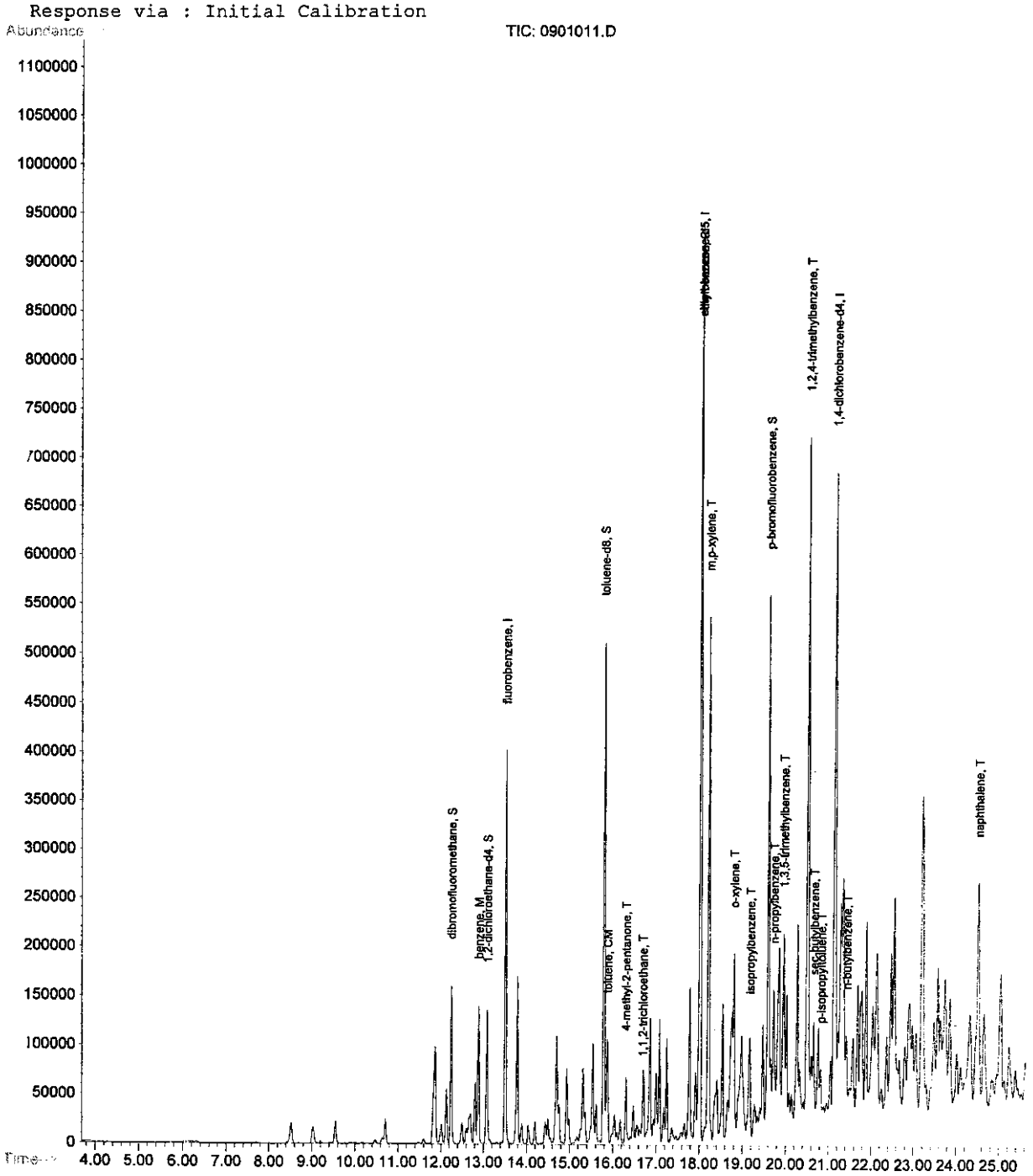
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	16.30	43	49067	~~9.47 ppb #~~	~~46~~ ND as 7/1/05
44) 2-hexanone	17.37	43	3243	-17.38 ppb #	33
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	0.00	112	0	N.D.	
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	18.02	91	548854	42.11 ppb	99
49) m,p-xylene	18.20	106	220635	41.87 ppb	100
50) o-xylene	18.79	106	64195	11.93 ppb	99
51) styrene	18.79	104	3178	N.D.	
53) isopropylbenzene	19.17	105	53759	1.27 ppb	99
54) 1,1,2,2-tetrachloroethane	19.78	83	18062	N.D.	
56) bromobenzene	20.01	156	2125	-1.53 ppb #	1
57) 1,2,3-trichloropropane	20.14	110	2028	-1.08 ppb #	45
58) n-propylbenzene	19.71	91	132099	5.30 ppb	96
59) 2-chlorotoluene	19.94	91	14400	-1.88 ppb #	46
60) 1,3,5-trimethylbenzene	19.94	105	142205	11.20 ppb	96
61) 4-chlorotoluene	20.26	91	20082	N.D.	
62) tert-butylbenzene	20.41	119	3760	-1.88 ppb #	26
63) 1,2,4-trimethylbenzene	20.49	105	539809	50.79 ppb	97
64) sec-butylbenzene	20.65	105	56607	1.55 ppb #	80
65) p-isopropyltoluene	20.81	119	45832	1.42 ppb	96
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	21.40	91	39892	1.28 ppb	96
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	24.51	128	359567	25.49 ppb	100
74) 1,2,3-trichlorobenzene	24.65	180	2149	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\0901011.D Vial: 9
Acq On : 14 Jul 2005 7:13 pm Operator: RG
Sample : 1579-0016,1,20, Inst : ms-01
Misc : b-55 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:16 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1001012.D Vial: 10
Acq On : 14 Jul 2005 7:47 pm Operator: RG
Sample : 1579-0017,1,, Inst : ms-01
Misc : b-56 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:23 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.50	96	495363	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	226581	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	244919	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	132365	45.04 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 90.08%		
23) 1,2-dichloroethane-d4	13.08	65	116009	34.55 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.10%#		
36) toluene-d8	15.78	98	455221	45.36 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 90.72%		
55) p-bromofluorobenzene	19.58	176	425958	153.57 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 307.14%#		

102%

7/14/05

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.54	94	275	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	6444	-4.79 ppb	94
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	14.62	63	2354	-3.47 ppb #	19
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
3) cis-1,3-dichloropropene	0.00	75	0	N.D.	
4) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1001012.D Vial: 10
Acq On : 14 Jul 2005 7:47 pm Operator: RG
Sample : 1579-0017,1,, Inst : ms-01
Misc : b-56 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:23 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

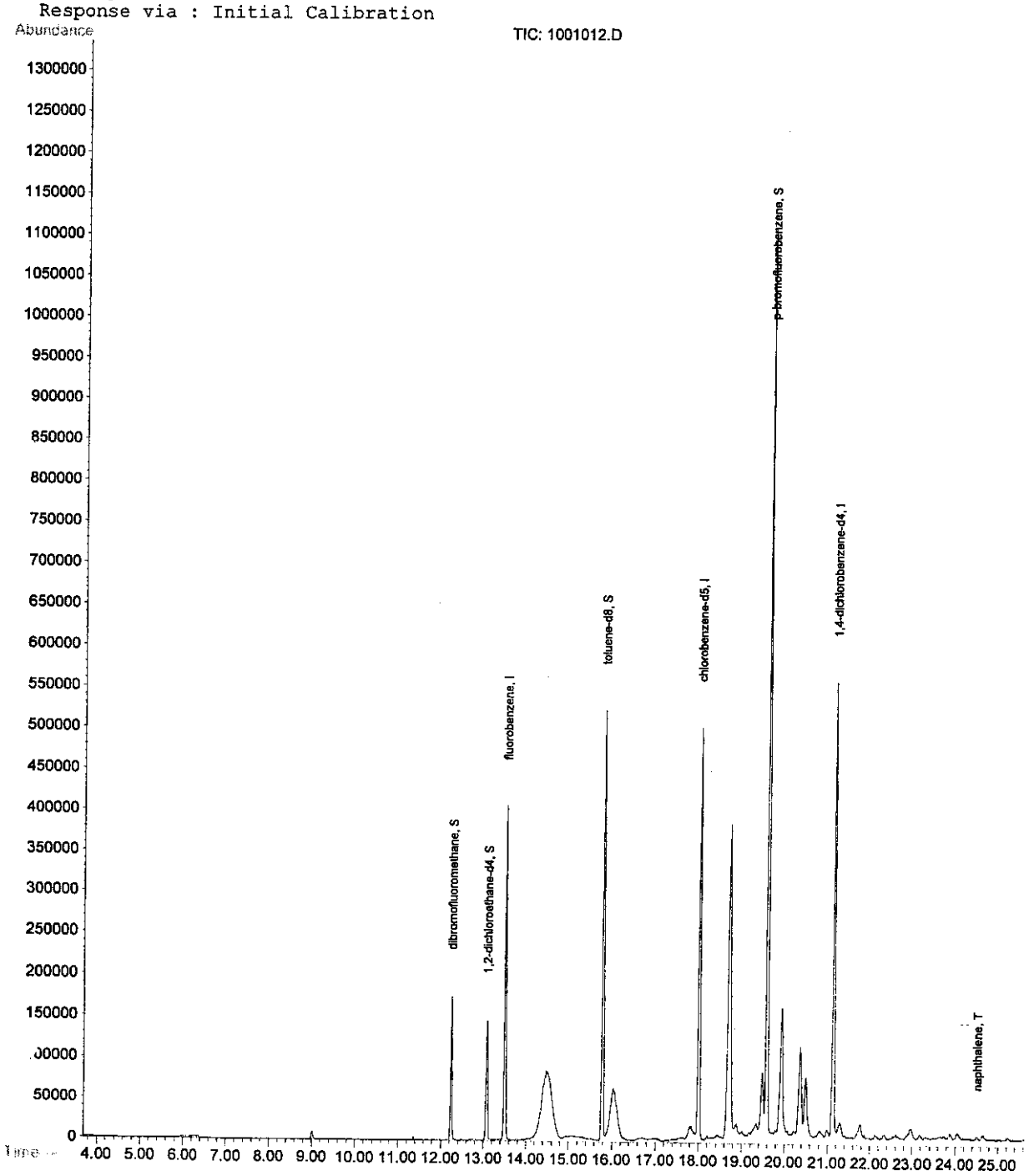
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	0.00	112	0	N.D.		
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.02	91	4861	-3.27 ppb	#	33
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56) bromobenzene	0.00	156	0	N.D. d		
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.71	91	2001	-3.05 ppb	#	56
59) 2-chlorotoluene	0.00	91	0	N.D.		
60) 1,3,5-trimethylbenzene	19.82	105	2996	-2.67 ppb	#	27
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64) sec-butylbenzene	20.49	105	4873	-1.90 ppb	#	59
65) p-isopropyltoluene	0.00	119	0	N.D.		
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	0.00	91	0	N.D.		
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	24.51	128	6652	0.64 ppb		100
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1001012.D Vial: 10
Acq On : 14 Jul 2005 7:47 pm Operator: RG
Sample : 1579-0017,1,, Inst : ms-01
Misc : b-56 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:23 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1101013.D Vial: 11
Acq On : 14 Jul 2005 8:21 pm Operator: RG
Sample : 1579-0018,1,, Inst : ms-01
Misc : b-57 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	507660	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	225472	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	234795	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	130582	43.31 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 86.62%		
23) 1,2-dichloroethane-d4	13.08	65	118596	34.47 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 68.94%#		
36) toluene-d8	15.78	98	452241	43.90 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 87.80%		
55) p-bromofluorobenzene	19.58	176	414729	155.98 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 311.96%#		

JC 7/14/05
104%

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.54	94	70	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	6551	-4.82 ppb	99
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	15.86	91	2079	-2.64 ppb #	28
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1101013.D Vial: 11
Acq On : 14 Jul 2005 8:21 pm Operator: RG
Sample : 1579-0018,1,, Inst : ms-01
Misc : b-57 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

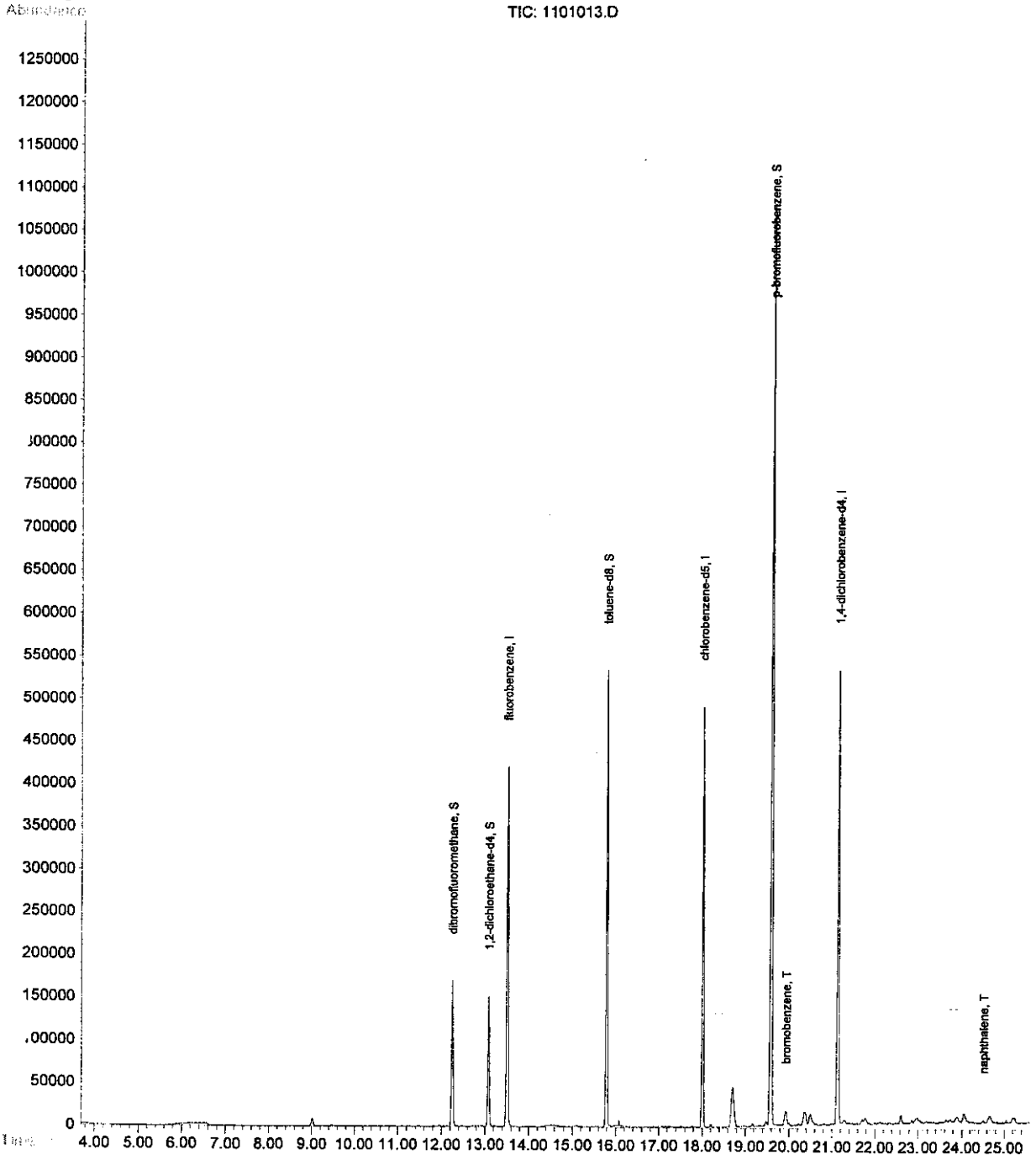
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	0.00	112	0	N.D.		
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.01	91	2433	-3.47 ppb	#	52
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56) bromobenzene	19.92	156	15890	2.85 ppb	#	1
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.58	91	2307	-3.02 ppb	#	56
59) 2-chlorotoluene	0.00	91	0	N.D.		
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64) sec-butylbenzene	20.49	105	2165	-2.08 ppb	#	59
65) p-isopropyltoluene	0.00	119	0	N.D.		
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	0.00	91	0	N.D.		
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	24.52	128	5274	0.56 ppb		100
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1101013.D Vial: 11
Acq On : 14 Jul 2005 8:21 pm Operator: RG
Sample : 1579-0018,1,, Inst : ms-01
Misc : b-57 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1201014.D Vial: 12
Acq On : 14 Jul 2005 8:54 pm Operator: RG
Sample : 1579-0019,1,, Inst : ms-01
Misc : b-58 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:24 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	509623	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	229011	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	231021	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.25	113	134011	44.30 ppb	0.02
Spiked Amount 50.000	Range 66 - 124		Recovery = 88.60%		
23) 1,2-dichloroethane-d4	13.08	65	123795	35.81 ppb	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.62%#		
36) toluene-d8	15.78	98	453050	43.80 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 87.60%		
55) p-bromofluorobenzene	19.58	176	395680	151.23 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 302.46%#		

10190 JO 7/18/05

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.57	94	902	0.73 ppb	96
5) chloroethane	0.00	64	0	N.D. d	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	6463	-4.89 ppb	97
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1201014.D Vial: 12
Acq On : 14 Jul 2005 8:54 pm Operator: RG
Sample : 1579-0019,1,, Inst : ms-01
Misc : b-58 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:24 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

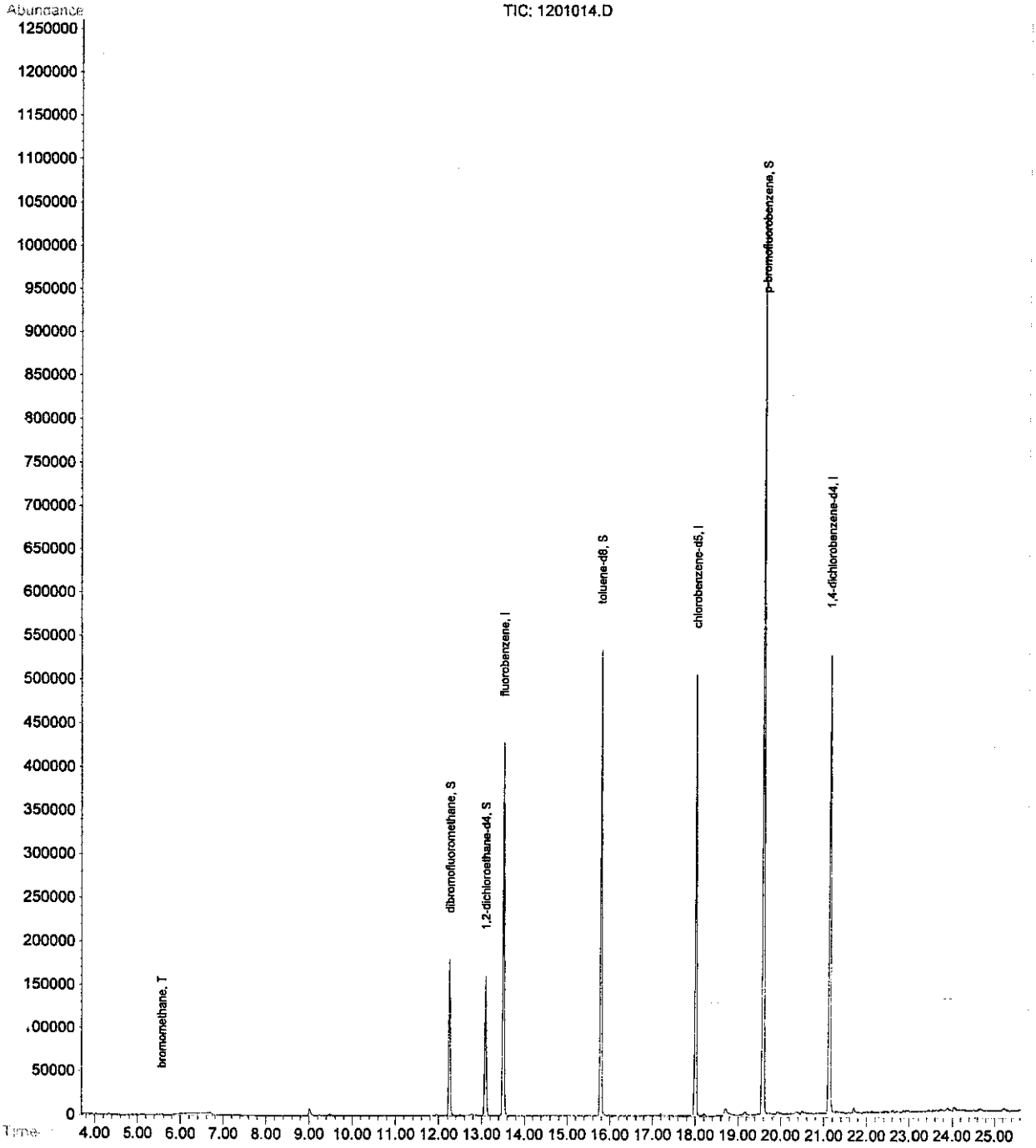
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41) dibromochloromethane	0.00	129	0	N.D.		
42) bromoform	0.00	173	0	N.D.		
43) 4-methyl-2-pentanone	0.00	43	0	N.D.		
44) 2-hexanone	0.00	43	0	N.D.		
45) tetrachloroethene	0.00	164	0	N.D.		
46) chlorobenzene	0.00	112	0	N.D.		
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48) ethylbenzene	18.20	91	2265	-3.48 ppb	#	52
49) m,p-xylene	0.00	106	0	N.D.		
50) o-xylene	0.00	106	0	N.D.		
51) styrene	0.00	104	0	N.D.		
53) isopropylbenzene	0.00	105	0	N.D.		
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56) bromobenzene	19.92	156	3103	-1.18 ppb	#	1
57) 1,2,3-trichloropropane	0.00	110	0	N.D.		
58) n-propylbenzene	19.58	91	2166	-3.03 ppb	#	56
59) 2-chlorotoluene	0.00	91	0	N.D.		
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61) 4-chlorotoluene	0.00	91	0	N.D.		
62) tert-butylbenzene	0.00	119	0	N.D.		
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64) sec-butylbenzene	0.00	105	0	N.D.		
65) p-isopropyltoluene	0.00	119	0	N.D.		
66) 1,3-dichlorobenzene	0.00	146	0	N.D.		
67) 1,4-dichlorobenzene	0.00	146	0	N.D.		
68) 1,2-dichlorobenzene	0.00	146	0	N.D.		
69) n-butylbenzene	0.00	91	0	N.D.		
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72) hexachlorobutadiene	0.00	225	0	N.D.		
73) naphthalene	0.00	128	0	N.D.		
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1201014.D Vial: 12
Acq On : 14 Jul 2005 8:54 pm Operator: RG
Sample : 1579-0019,1,, Inst : ms-01
Misc : b-58 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 16:24 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1301015.D Vial: 13
Acq On : 14 Jul 2005 9:27 pm Operator: RG
Sample : 1579-0020,1,, Inst : ms-01
Misc : b-59 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	511244	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	222819	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.13	152	218130	50.00 ppb	0.01
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	133513	43.99 ppb	0.01
Spiked Amount 50.000	Range 66 - 124		Recovery = 87.98%		
23) 1,2-dichloroethane-d4	13.08	65	123207	35.53 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.06%#		
36) toluene-d8	15.78	98	448390	43.18 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 86.36%		
55) p-bromofluorobenzene	19.58	176	384020	155.47 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 310.94%#		

7/14/05

104%

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.53	94	632	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	6759	-4.73 ppb	98
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
[illegible]) cis-1,3-dichloropropene	0.00	75	0	N.D.	
[illegible]) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1301015.D Vial: 13
Acq On : 14 Jul 2005 9:27 pm Operator: RG
Sample : 1579-0020,1,, Inst : ms-01
Misc : b-59 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

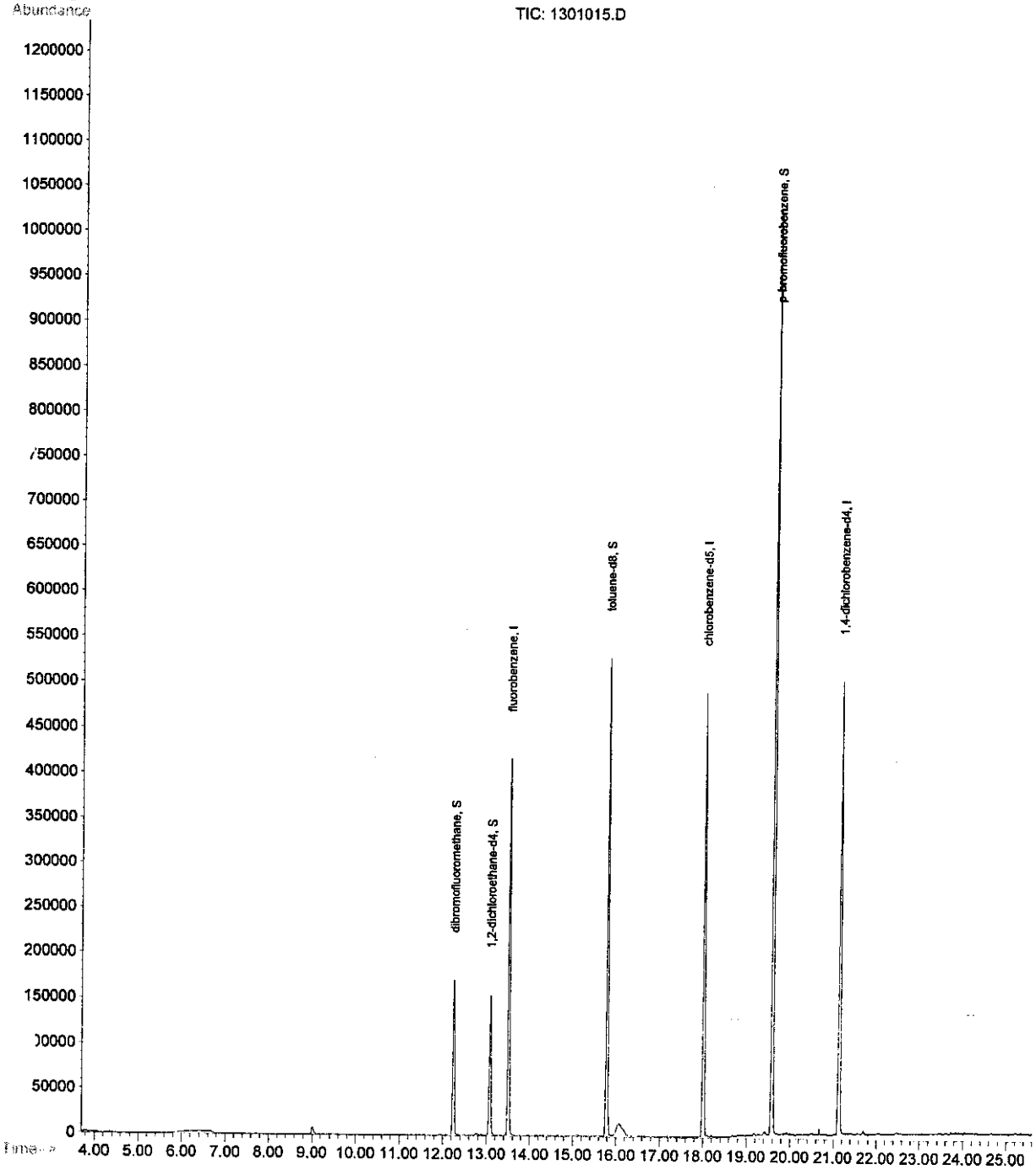
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
41)	dibromochloromethane	0.00	129	0	N.D.		
42)	bromoform	0.00	173	0	N.D.		
43)	4-methyl-2-pentanone	0.00	43	0	N.D.		
44)	2-hexanone	0.00	43	0	N.D.		
45)	tetrachloroethene	0.00	164	0	N.D.		
46)	chlorobenzene	0.00	112	0	N.D.		
47)	1,1,1,2-tetrachloroethane	0.00	131	0	N.D.		
48)	ethylbenzene	0.00	91	0	N.D.		
49)	m,p-xylene	0.00	106	0	N.D.		
50)	o-xylene	0.00	106	0	N.D.		
51)	styrene	0.00	104	0	N.D.		
53)	isopropylbenzene	0.00	105	0	N.D.		
54)	1,1,2,2-tetrachloroethane	0.00	83	0	N.D.		
56)	bromobenzene	0.00	156	0	N.D.		
57)	1,2,3-trichloropropane	0.00	110	0	N.D.		
58)	n-propylbenzene	19.58	91	2909	-2.97 ppb	#	56
9)	2-chlorotoluene	0.00	91	0	N.D.		
60)	1,3,5-trimethylbenzene	0.00	105	0	N.D.		
61)	4-chlorotoluene	0.00	91	0	N.D.		
62)	tert-butylbenzene	0.00	119	0	N.D.		
63)	1,2,4-trimethylbenzene	0.00	105	0	N.D.		
64)	sec-butylbenzene	0.00	105	0	N.D.		
65)	p-isopropyltoluene	0.00	119	0	N.D.		
66)	1,3-dichlorobenzene	0.00	146	0	N.D.		
67)	1,4-dichlorobenzene	0.00	146	0	N.D.		
68)	1,2-dichlorobenzene	0.00	146	0	N.D.		
69)	n-butylbenzene	0.00	91	0	N.D.		
70)	1,2-dibromo-3-chloropropan	0.00	75	0	N.D.		
71)	1,2,4-trichlorobenzene	0.00	180	0	N.D.		
72)	hexachlorobutadiene	0.00	225	0	N.D.		
73)	naphthalene	0.00	128	0	N.D.		
74)	1,2,3-trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1301015.D Vial: 13
Acq On : 14 Jul 2005 9:27 pm Operator: RG
Sample : 1579-0020,1,, Inst : ms-01
Misc : b-59 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:43 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1401016.D Vial: 14
Acq On : 14 Jul 2005 10:00 pm Operator: RG
Sample : 1579-0021,1,5, Inst : ms-01
Misc : b-510 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:44 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

5X
Diluted due to foam-over

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) fluorobenzene	13.51	96	558751	50.00 ppb	0.00
39) chlorobenzene-d5	18.00	82	230254	50.00 ppb	0.00
52) 1,4-dichlorobenzene-d4	21.12	152	207673	50.00 ppb	0.00
System Monitoring Compounds					
22) dibromofluoromethane	12.24	113	142234	42.84 ppb	0.00
Spiked Amount 50.000	Range 66 - 124		Recovery = 85.68%		
23) 1,2-dichloroethane-d4	13.08	65	129264	34.14 ppb	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 68.28%#		
36) toluene-d8	15.78	98	468954	41.22 ppb	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 82.44%		
55) p-bromofluorobenzene	19.58	176	186033	78.73 ppb	0.00
Spiked Amount 50.000	Range 74 - 127		Recovery = 157.46%#		

89% SO 7/14/05

Target Compounds					Qvalue
2) chloromethane	0.00	50	0	N.D.	
3) vinyl chloride	0.00	62	0	N.D.	
4) bromomethane	5.55	94	65	N.D.	
5) chloroethane	0.00	64	0	N.D.	
6) dichlorodifluoromethane	0.00	85	0	N.D.	
7) trichlorofluoromethane	0.00	101	0	N.D.	
8) acrolein	0.00	56	0	N.D.	
9) acetone	0.00	43	0	N.D.	
10) 1,1-dichloroethene	0.00	96	0	N.D.	
11) methylene chloride	9.01	84	6653	-5.13 ppb	94
12) methyl tert-butyl ether	0.00	73	0	N.D.	
13) trans-1,2-dichloroethene	0.00	96	0	N.D.	
14) 1,1-dichloroethane	0.00	63	0	N.D.	
15) acrylonitrile	0.00	53	0	N.D.	
16) 2-butanone	0.00	43	0	N.D.	
17) cis-1,2-dichloroethene	0.00	96	0	N.D.	
18) 2,2-dichloropropane	0.00	77	0	N.D.	
19) chloroform	0.00	83	0	N.D.	
20) bromochloromethane	0.00	128	0	N.D.	
21) 1,1,1-trichlorethane	0.00	97	0	N.D.	
24) 1,2-dichloroethane	0.00	62	0	N.D.	
25) carbon tetrachloride	0.00	117	0	N.D.	
26) 1,1-dichloropropene	0.00	75	0	N.D.	
27) benzene	0.00	78	0	N.D.	
28) trichloroethene	0.00	130	0	N.D.	
29) 1,2-dichloropropane	0.00	63	0	N.D.	
30) bromodichloromethane	0.00	83	0	N.D.	
31) dibromomethane	0.00	93	0	N.D.	
32) 2-chloroethyl vinyl ether	0.00	63	0	N.D.	
33) cis-1,3-dichloropropene	0.00	75	0	N.D.	
34) trans-1,3-dichloropropene	0.00	75	0	N.D.	
35) toluene	0.00	91	0	N.D.	
37) 1,1,2-trichloroethane	0.00	97	0	N.D.	
38) 1,2-dibromoethane	0.00	107	0	N.D.	
40) 1,3-dichloropropane	0.00	76	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1401016.D Vial: 14
Acq On : 14 Jul 2005 10:00 pm Operator: RG
Sample : 1579-0021,1,5, Inst : ms-01
Misc : b-510 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:44 19105 Quant Results File: GCMS0630.RES

Quant Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Wed Jul 06 17:43:40 2005
Response via : Initial Calibration
DataAcq Meth : VOC_1103

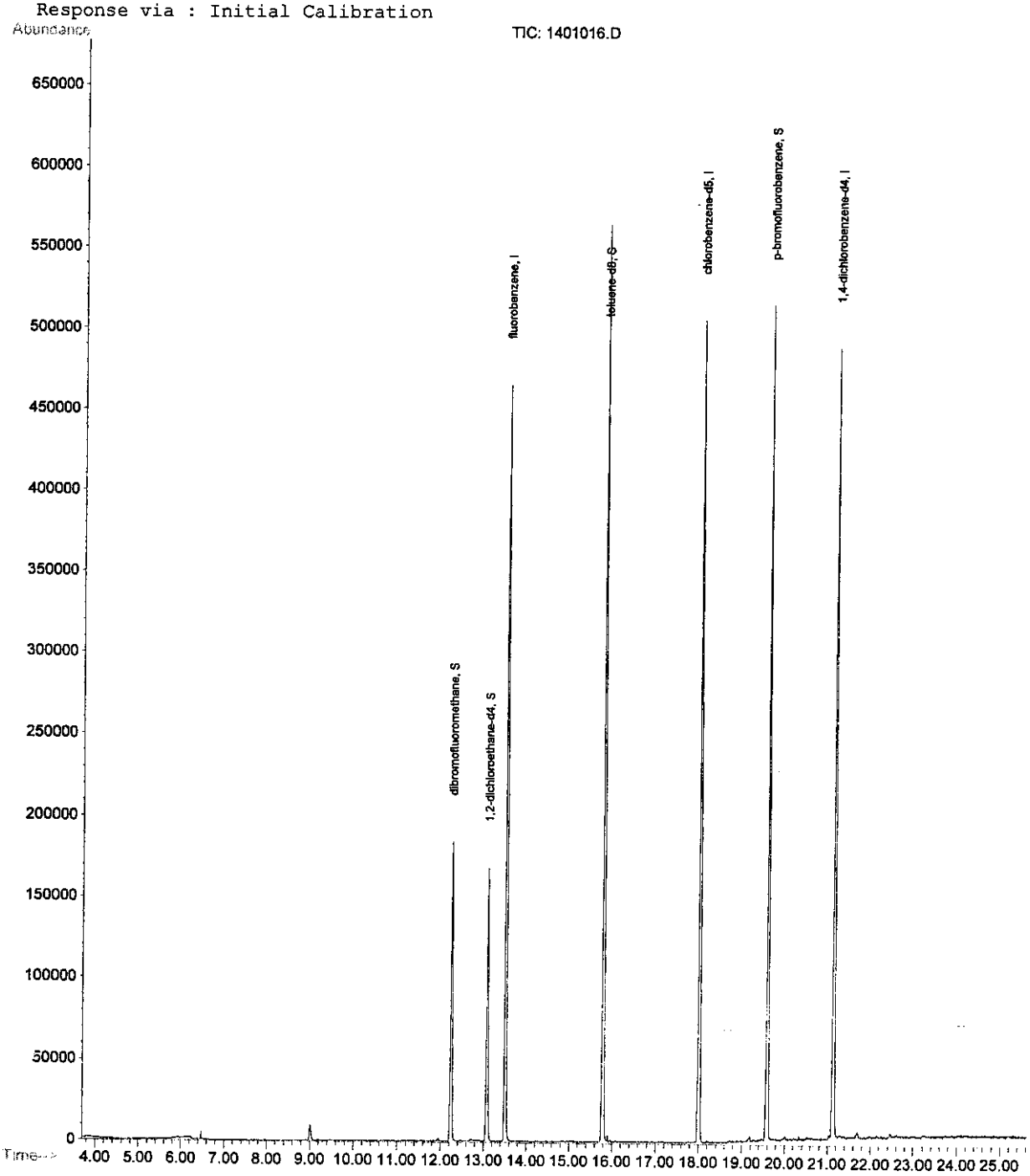
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
41) dibromochloromethane	0.00	129	0	N.D.	
42) bromoform	0.00	173	0	N.D.	
43) 4-methyl-2-pentanone	0.00	43	0	N.D.	
44) 2-hexanone	0.00	43	0	N.D.	
45) tetrachloroethene	0.00	164	0	N.D.	
46) chlorobenzene	0.00	112	0	N.D.	
47) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
48) ethylbenzene	0.00	91	0	N.D.	
49) m,p-xylene	0.00	106	0	N.D.	
50) o-xylene	0.00	106	0	N.D.	
51) styrene	0.00	104	0	N.D.	
53) isopropylbenzene	0.00	105	0	N.D.	
54) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
56) bromobenzene	0.00	156	0	N.D.	
57) 1,2,3-trichloropropane	0.00	110	0	N.D.	
58) n-propylbenzene	0.00	91	0	N.D.	
9) 2-chlorotoluene	0.00	91	0	N.D.	
60) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
61) 4-chlorotoluene	0.00	91	0	N.D.	
62) tert-butylbenzene	0.00	119	0	N.D.	
63) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
64) sec-butylbenzene	0.00	105	0	N.D.	
65) p-isopropyltoluene	0.00	119	0	N.D.	
66) 1,3-dichlorobenzene	0.00	146	0	N.D.	
67) 1,4-dichlorobenzene	0.00	146	0	N.D.	
68) 1,2-dichlorobenzene	0.00	146	0	N.D.	
69) n-butylbenzene	0.00	91	0	N.D.	
70) 1,2-dibromo-3-chloropropan	0.00	75	0	N.D.	
71) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
72) hexachlorobutadiene	0.00	225	0	N.D.	
73) naphthalene	0.00	128	0	N.D.	
74) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\MS-001\DATA\050714A\1401016.D Vial: 14
Acq On : 14 Jul 2005 10:00 pm Operator: RG
Sample : 1579-0021,1,5, Inst : ms-01
Misc : b-510 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 15 10:44 19105 Quant Results File: GCMS0630.RES

Method : O:\ORGANICS\HPCHEM\MS-001\METHOD\GCMS0630.M (RTE Integrator)
Title : 8260 LIST M
Last Update : Fri Jul 15 15:14:14 2005
Response via : Initial Calibration



PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

KP 7/8/05

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-351	is1	GC-S-1-346	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	MB Aq	n/a	1916/1917	001F0101	Water	5mL	1	7/1/05 11:22	Opening CCV's from close of previous run.
2	n/a	LCS Aq	n/a	1916/1917	002F0201	Water	5mL	1	7/1/05 11:54	**Run# 3776**
3	n/a	LCSD Aq	n/a	1916/1917	003F0301	Water	5mL	1	7/1/05 12:26	
4	05-1567	1765	<2	1916/1917	004F0401	Water	1mL	5	7/1/05 12:59	Sample vial had headspace.
5	05-1574	1816	<2	1916/1917	005F0501	Water	5mL	1	7/1/05 13:32	
6	05-1574	1817	<2	1916/1917	006F0601	Water	5mL	1	7/1/05 14:04	
7	05-1574	1818	<2	1916/1917	007F0701	Water	5mL	1	7/1/05 14:36	
8	n/a	MB Sol	n/a	1918/1919	008F0801	Soil	10.00g	1	7/1/05 15:07	
9	n/a	LCS Sol	n/a	1918/1919	009F0901	Soil	10.00g	1	7/1/05 15:40	
10	n/a	GRO CCV	n/a	n/a	010F1001	Water	5mL	1	7/1/05 16:11	
11	n/a	BTEX CCV	n/a	n/a	011F1101	Water	5mL	1	7/1/05 16:44	

Data File Name **009F0901.D**
Date Acquired **01-Jul-2005, 15:40:09**
Method File **2GROBTEX.M**
Sample Name **LCS Sol,1,,2**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Gasoline	1510.12	1650	92	70 - 130	Pass
BFB-FID	94.77	100	95	70 - 130	Pass
Benzene	27.64	22.8	121	70 - 130	Pass
Toluene	120.58	123.3	98	70 - 130	Pass
Ethylbenzene	33.29	29.4	113	70 - 130	Pass
m,p-Xylene	90.40	102.6	88	70 - 130	Pass
o-Xylene	34.16	41.7	82	70 - 130	Pass
4-Bromofluorobenzene	81.42	100	81	70 - 130	Pass

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID1A.CH Vial: 31
Acq On : 01-Jul-2005, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID2B.CH Vial: 31
Acq On : 01-Jul-05, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5975	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1610874	103.145 ug/L
Spiked Amount 100.000		Recovery =	103.15%
3) S 4-Bromofluorobenzene	9.45	20297	96.923 ug/L
Spiked Amount 100.000		Recovery =	96.92%
Target Compounds			
1) H T M Gasoline	8.00	23518137	853.341 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4223	19.418 ug/L
7) T M Toluene	5.17	21769	72.763 ug/L
8) T M Ethylbenzene	7.90	4923	14.990 ug/L
9) T M m,p-Xylene	8.17	22294	56.712 ug/L
10) T M o-Xylene	8.80	7099	21.866 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	5070	10.096 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	13054	34.536 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

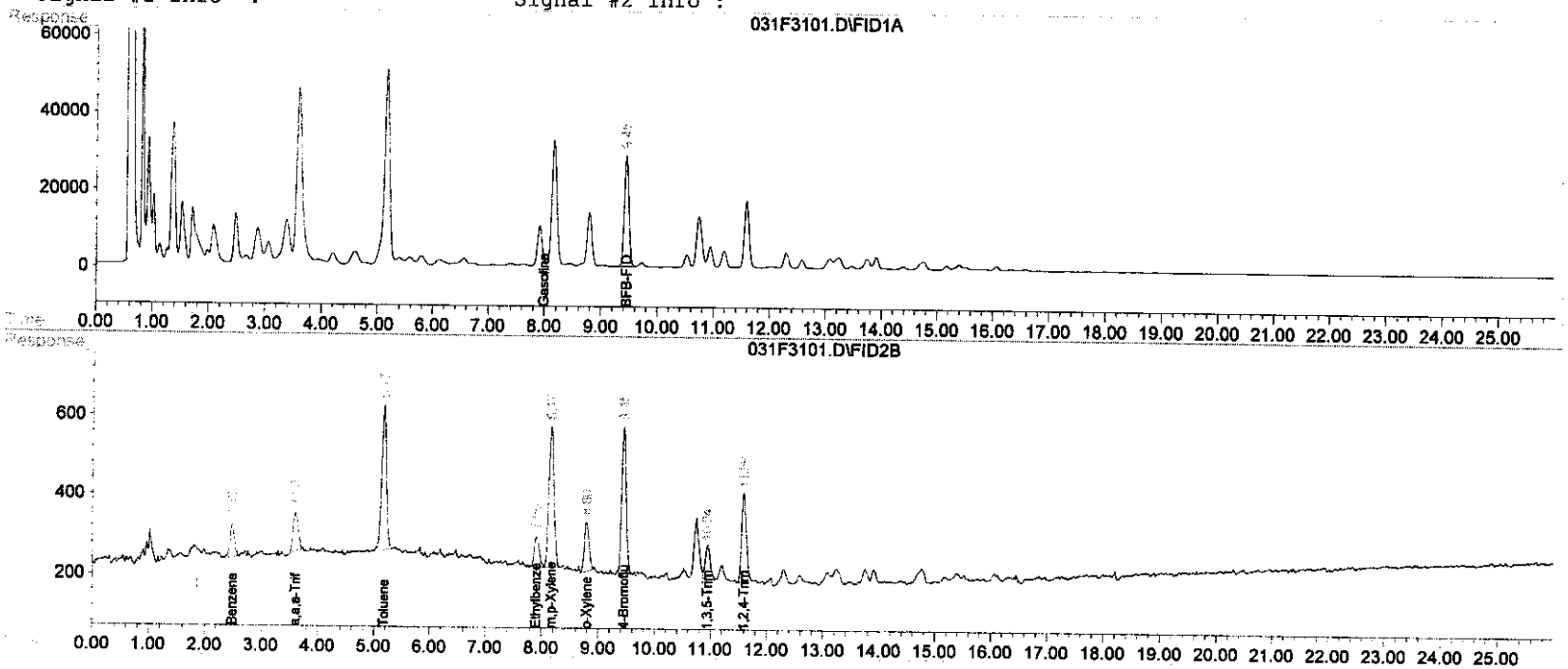
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F310. \FID1A.CH Vial: 31
Acq On : 01-Jul-2005, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID2B.CH Vial: 31
Acq On : 01-Jul-05, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID1A.CH Vial: 32
Acq On : 01-Jul-2005, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID2B.CH Vial: 32
Acq On : 01-Jul-05, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6176	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1578305	101.054 ug/L
iked Amount 100.000		Recovery =	101.05%
, S 4-Bromofluorobenzene	9.45	20685	95.570 ug/L
Spiked Amount 100.000		Recovery =	95.57%
Target Compounds			
1) H T M Gasoline	8.00	18923102	659.975 ug/L
5) T Methyl-tert-butyl ether	1.35	2918	58.503 ug/L
6) T M Benzene	2.49	13307	56.193 ug/L
7) T M Toluene	5.18	16902	54.417 ug/L
8) T M Ethylbenzene	7.92	13988	45.544 ug/L
9) T M m,p-Xylene	8.18	38198	95.707 ug/L
10) T M o-Xylene	8.80	15836	48.296 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23655	45.581 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18459	47.669 ug/L
14) T Naphthalene	16.07	9774	48.825 ug/L

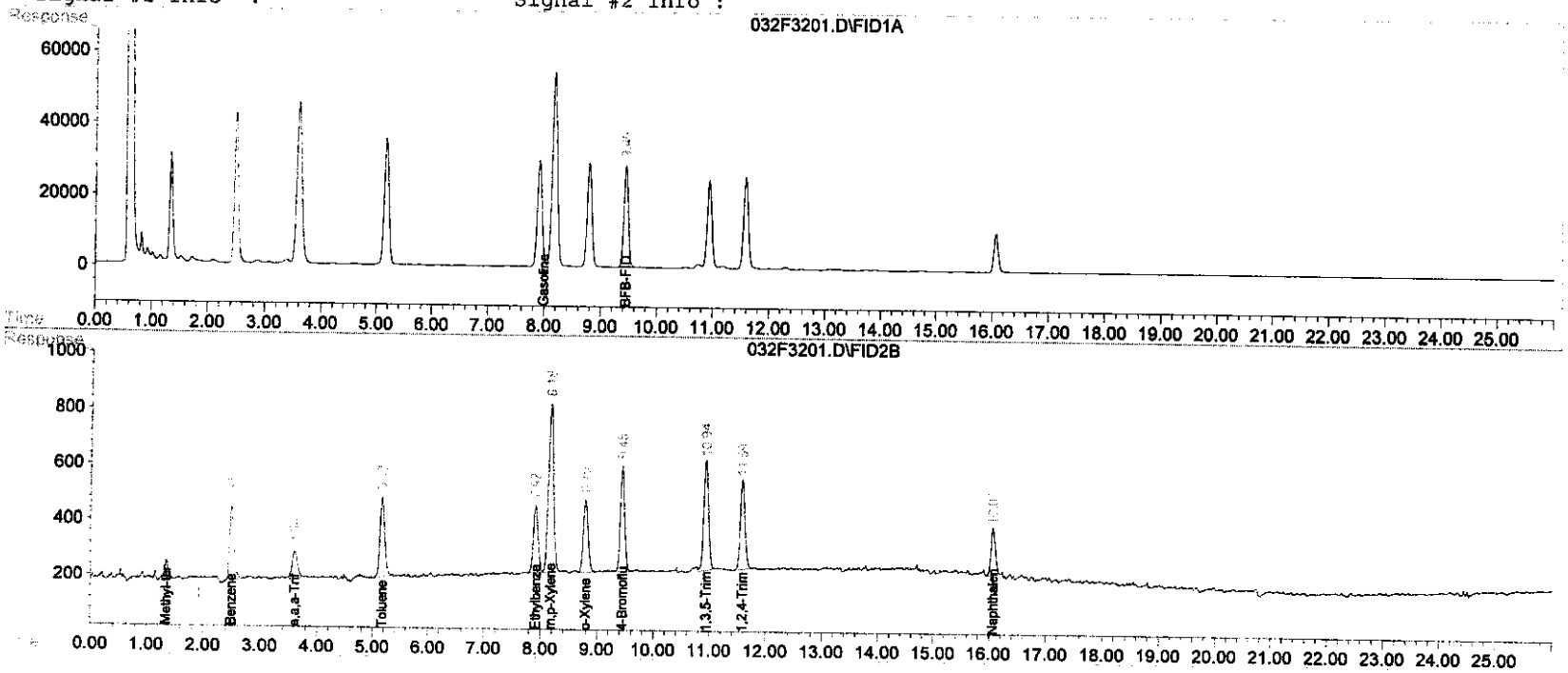
Quantitation Report

Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F320 \FID1A.CH Vial: 32
Acq On : 01-Jul-2005, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID2B.CH Vial: 32
Acq On : 01-Jul-05, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\008F0801.D\FID1A.CH Vial: 8
Acq On : 01-Jul-2005, 15:07:58 Operator: RG
Sample : MB Sol,1,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\008F0801.D\FID2B.CH Vial: 8
Acq On : 01-Jul-05, 15:07:58 Operator: RG
Sample : ~~1574-1819~~ Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7053	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1514646	96.967 ug/L
iked Amount 100.000		Recovery =	96.97%
-) S 4-Bromofluorobenzene	9.45	20265	81.982 ug/L
Spiked Amount 100.000		Recovery =	81.98%
Target Compounds			
1) H T M Gasoline	8.00	3171503	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.
008F0801.D 0617ARCH.M Wed Jul 06 13:53:27 2005 VOL

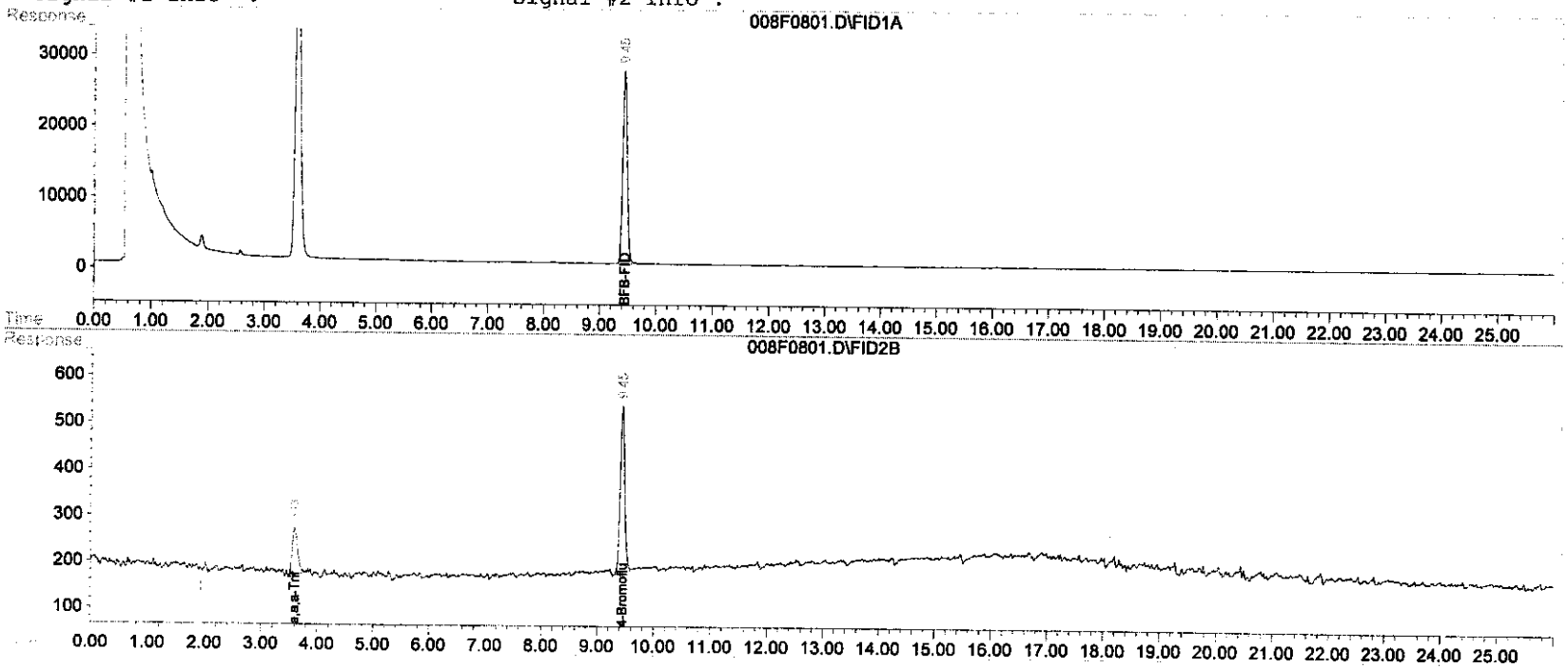
Quantitation Report

Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\008F0801 .FID1A.CH Vial: 8
Acq On : 01-Jul-2005, 15:07:58 Operator: RG
Sample : MB Sol,1,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\008F0801.D\FID2B.CH Vial: 8
Acq On : 01-Jul-05, 15:07:58 Operator: RG
Sample : ~~1574-1819~~, [illegible] Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\009F0901.D\FID1A.CH Vial: 9
Acq On : 01-Jul-2005, 15:40:09 Operator: RG
Sample : LCS Sol,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\009F0901.D\FID2B.CH Vial: 9
Acq On : 01-Jul-05, 15:40:09 Operator: RG
Sample : ~~MB Sol,1,,1~~ [illegible] Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6613	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1480416	94.770 ug/L
iked Amount 100.000		Recovery =	94.77%
.) S 4-Bromofluorobenzene	9.45	18869	81.415 ug/L
Spiked Amount 100.000		Recovery =	81.42%
Target Compounds			
1) H T M Gasoline	8.00	39125544	1510.125 ug/L
5) T Methyl-tert-butyl ether	1.36	1934	36.031 ug/L
6) T M Benzene	2.48	6814	27.640 ug/L
7) T M Toluene	5.17	39711	120.582 ug/L
8) T M Ethylbenzene	7.91	11157	33.292 ug/L
9) T M m,p-Xylene	8.17	38697	90.405 ug/L
10) T M o-Xylene	8.79	12089	34.157 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10073	18.125 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	22981	55.603 ug/L
14) T Naphthalene	16.07	1825	11.731 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.
009F0901.D 0617ARCH.M Wed Jul 06 13:53:31 2005 VO2

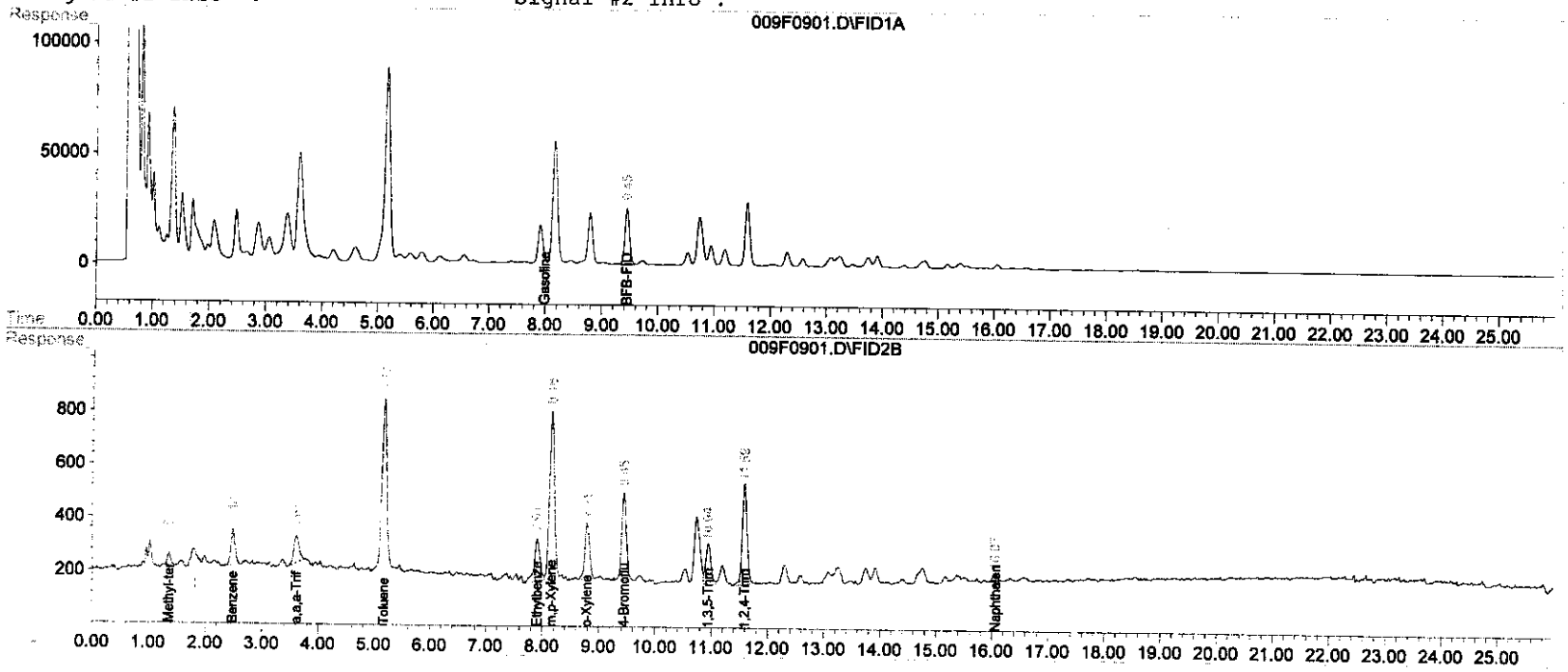
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\009F090 \FID1A.CH Vial: 9
Acq On : 01-Jul-2005, 15:40:09 Operator: RG
Sample : LCS Sol,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\009F0901.D\FID2B.CH Vial: 9
Acq On : 01-Jul-05, 15:40:09 Operator: RG
Sample : ~~MB Sol,1,,1~~ 64 ± 2%/ss Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID1A.CH Vial: 10
Acq On : 01-Jul-2005, 16:11:44 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID2B.CH Vial: 10
Acq On : 01-Jul-05, 16:11:44 Operator: RG
Sample : ~~LCS Sol,1,,2~~ Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6577	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1657355	106.129 ug/L
Spiked Amount 100.000		Recovery =	106.13%
S 4-Bromofluorobenzene	9.45	22414	97.248 ug/L
Spiked Amount 100.000		Recovery =	97.25%
Target Compounds			
1) H T M Gasoline	8.00	25941312	955.312 ug/L
5) T Methyl-tert-butyl ether	1.36	705	12.898 ug/L
6) T M Benzene	2.49	3610	15.411 ug/L
7) T M Toluene	5.17	24244	73.643 ug/L
8) T M Ethylbenzene	7.91	5039	13.768 ug/L
9) T M m,p-Xylene	8.17	24508	56.644 ug/L
10) T M o-Xylene	8.79	8293	23.267 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	4734	8.566 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13830	33.202 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

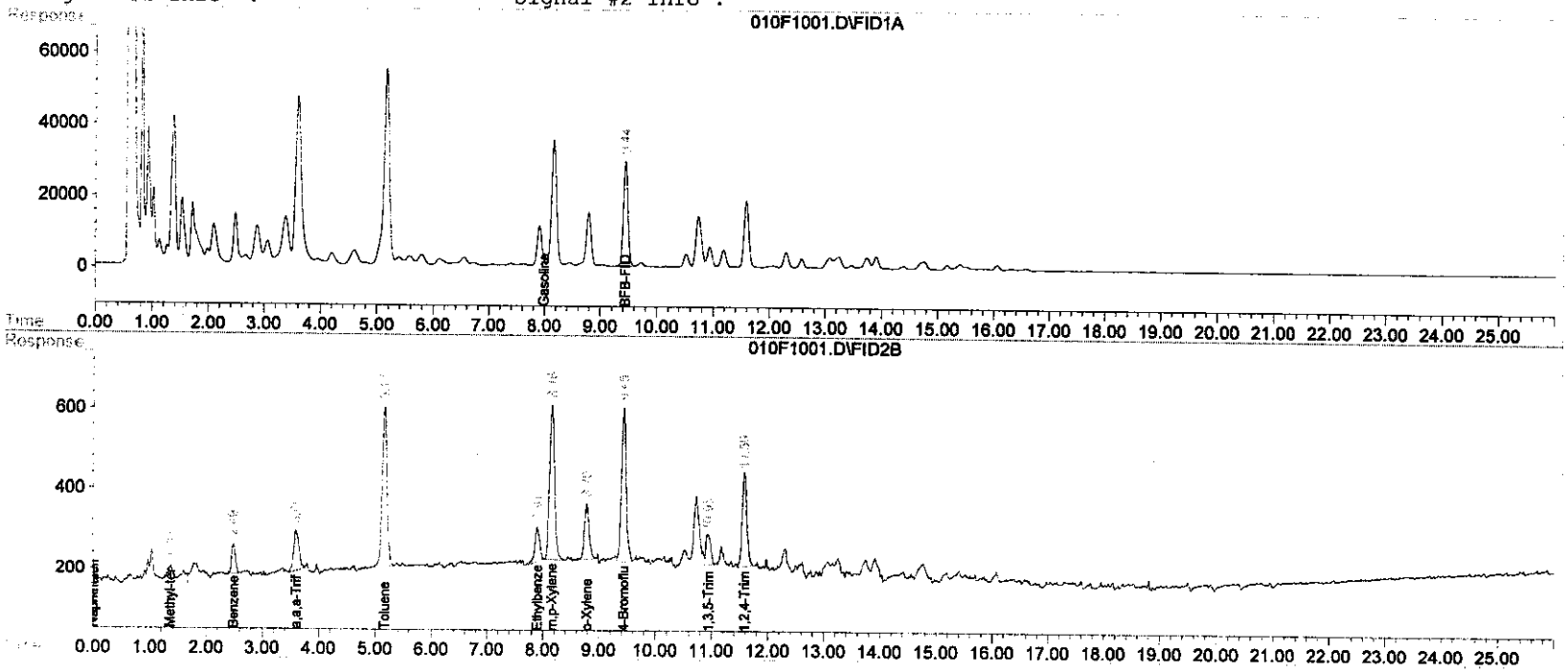
Quantitation Report

Data Fil O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F10( )\FID1A.CH Vial: 10
Acq On : 01-Jul-2005, 16:11:44 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID2B.CH Vial: 10
Acq On : 01-Jul-05, 16:11:44 Operator: RG
Sample : ~~LCS Sol,1,,2~~ 1/4 as 7/16/5 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID1A.CH Vial: 11
Acq On : 01-Jul-2005, 16:44:22 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID2B.CH Vial: 11
Acq On : 01-Jul-05, 16:44:22 Operator: RG
Sample : ~~GRO CCV~~ Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6302	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1570452	100.550 ug/L
Spiked Amount 100.000		Recovery =	100.55%
S 4-Bromofluorobenzene	9.45	21640	97.981 ug/L
Spiked Amount 100.000		Recovery =	97.98%
Target Compounds			
1) H T M Gasoline	8.00	18151137	627.489 ug/L
5) T Methyl-tert-butyl ether	1.35	2189	42.886 ug/L
6) T M Benzene	2.49	12787	53.001 ug/L
7) T M Toluene	5.17	14902	46.881 ug/L
8) T M Ethylbenzene	7.91	14858	47.509 ug/L
9) T M m,p-Xylene	8.17	37694	92.467 ug/L
10) T M o-Xylene	8.79	15350	45.830 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23876	45.086 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18385	46.499 ug/L
14) T Naphthalene	16.07	9395	46.217 ug/L

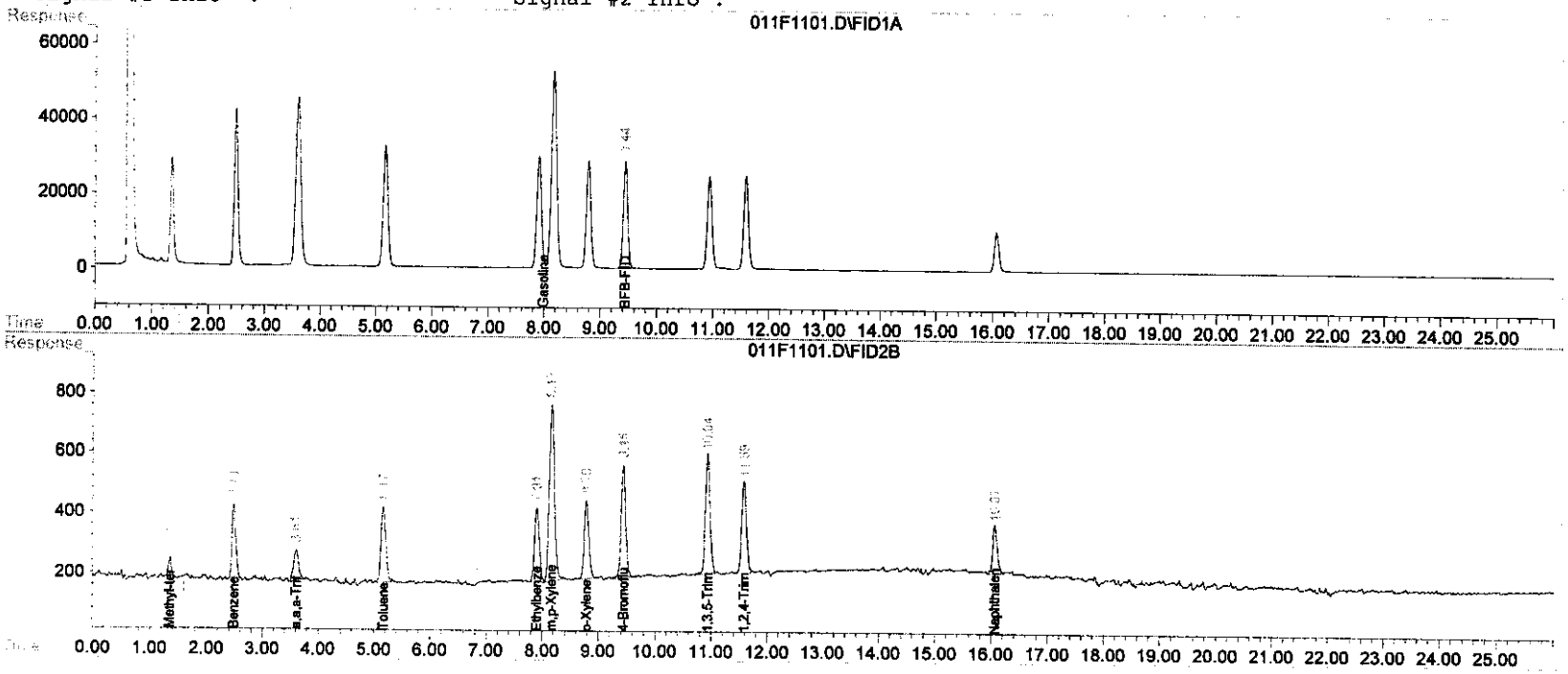
Quantitation Report

Data Fil O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F11( )\FID1A.CH Vial: 11
Acq On : 01-Jul-2005, 16:44:22 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID2B.CH Vial: 11
Acq On : 01-Jul-05, 16:44:22 Operator: RG
Sample : ~~GRO CCV~~ 1/4 dx Fluo/Br Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-351	is1	GC-S-1-352	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-349	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	Instrument BL	n/a	n/a	001F0101	Water	5mL	1	7/5/05 11:27	**Run# 3777**
2	n/a	GRO CCV	n/a	n/a	001F0201	Water	5mL	1	7/5/05 11:59	
3	n/a	BTEX CCV	n/a	n/a	002F0301	Water	5mL	1	7/5/05 12:32	
4	n/a	MB Aq	n/a	1920/1921	003F0401	Water	5mL	1	7/5/05 18:23	
5	n/a	LCS Aq	n/a	1920/1921	004F0501	Water	5mL	1	7/5/05 18:55	
6	n/a	LCSD Aq	n/a	1920/1921	005F0601	Water	5mL	1	7/5/05 19:28	
7	05-1588	0107	<2	1920/1921	006F0701	Water	5mL	1	7/5/05 20:00	
8	05-1588	0108	<2	1920/1921	007F0801	Water	5mL	1	7/5/05 20:31	
9	05-1588	0109	<2	1920/1921	008F0901	Water	5mL	1	7/5/05 21:04	
10	05-1584	0055	<2	1920/1921	009F1001	Water	5mL	1	7/5/05 21:37	Decanted, rerun 20X for GRO
11	05-1584	0056	<2	1920/1921	010F1101	Water	5mL	1	7/5/05 22:08	
12	05-1584	0057	<2	1920/1921	011F1201	Water	5mL	1	7/5/05 22:40	
13	05-1584	0058	<2	1920/1921	012F1301	Water	5mL	1	7/5/05 23:12	
14	n/a	GRO CCV	n/a	n/a	013F1401	Water	5mL	1	7/5/05 23:45	
15	n/a	BTEX CCV	n/a	n/a	014F1501	Water	5mL	1	7/6/05 0:17	**Run# 3778**
16	n/a	MB Sol	n/a	1922/1923	015F1601	Soil	10.00g	1	7/6/05 0:50	
17	n/a	LCS Sol	n/a	1922/1923	016F1701	Soil	5.00g	1	7/6/05 1:22	
18	05-1588	0110	n/a	1922/1923	017F1801	Soil	9.99g	1	7/6/05 1:54	
19	05-1588	0110MS	n/a	1922/1923	018F1901	Soil	5.01g	1	7/6/05 2:27	
20	05-1588	0110SD	n/a	1922/1923	019F2001	Soil	5.03g	1	7/6/05 2:59	
21	05-1588	0111	n/a	1922/1923	020F2101	Soil	10.03g	1	7/6/05 3:31	

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-351	is1	GC-S-1-352	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-349	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

KP 7/08/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1588	0112	n/a	1922/1923	021F2201	Soil	10.01g	1	7/6/05 4:03	
23	05-1588	0113	n/a	1922/1923	022F2301	Soil	10.00g	1	7/6/05 4:35	
24	05-1588	0114	n/a	1922/1923	023F2401	Soil	9.98g	1	7/6/05 5:08	
25	05-1574	1819	<2	1920/1921	024F2501	Water	5mL	1	7/6/05 5:40	
26	n/a	GRO CCV	n/a	n/a	025F2601	Water	5mL	1	7/6/05 6:12	
27	n/a	BTEX CCV	n/a	n/a	026F2701	Water	5mL	1	7/6/05 6:44	
28	05-1574	1811	n/a	1918/1919	027F2801	Soil	10.01g	1	7/6/05 7:16	ss1
29	05-1574	1811MS	n/a	1918/1919	028F2901	Soil	5.01g	1	7/6/05 7:49	ss1
30	05-1574	1811SD	n/a	1918/1919	029F3001	Soil	5.01g	1	7/6/05 8:21	ss1
31	05-1574	1812	n/a	1918/1919	030F3101	Soil	9.99g	1	7/6/05 8:53	ss1
32	05-1574	1813	n/a	1918/1919	031F3201	Soil	10.03g	1	7/6/05 9:25	ss1
33	05-1574	1814	n/a	1918/1919	032F3301	Soil	10.00g	1	7/6/05 9:57	ss1
34	05-1574	1815	n/a	1918/1919	033F3401	Soil	9.99g	1	7/6/05 10:29	ss1
35	05-1579	0012	n/a	1919	034F3501	Soil	10.03g	1	7/6/05 11:02	
36	05-1579	0013	n/a	1919	035F3601	Soil	10.03g	1	7/6/05 11:33	
37	05-1579	0014	n/a	1919	036F3701	Soil	10.00g	5	7/6/05 12:05	
38	n/a	GRO CCV	n/a	n/a	037F3801	Water	5mL	1	7/6/05 12:38	
39	n/a	BTEX CCV	n/a	n/a	038F3901	Water	5mL	1	7/6/05 13:10	
40	05-1579	0015	n/a	1919	039F4001	Soil	9.97g	1	7/6/05 13:43	
41	05-1579	0016	n/a	n/a	040F4101	Soil	10.00g	100	7/6/05 14:15	Rerun 20X-DNR
42	05-1579	0017	n/a	1919	041F4201	Soil	10.03g	1	7/6/05 14:47	

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-351	is1	GC-S-1-352	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-349	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
43	05-1579	0018	n/a	1919	042F4301	Soil	10.00g	1	7/6/05 15:19	
44	05-1579	0019	n/a	1919	043F4401	Soil	10.00g	1	7/6/05 15:51	
45	05-1579	0020	n/a	1919	044F4501	Soil	9.99g	1	7/6/05 16:24	
46	05-1579	0021	n/a	n/a	045F4601	Soil	10.03g	1	7/6/05 16:56	Foam-over, rerun 5X-DNR
47	05-1579	0022	<2	1921	046F4701	Water	5mL	1	7/6/05 17:28	
48	05-1579	0023	<2	1921	047F4801	Water	5mL	1	7/6/05 18:00	
49	05-1579	0024	<2	1921	048F4901	Water	5mL	1	7/6/05 18:33	
50	n/a	GRO CCV	n/a	n/a	049F5001	Water	5mL	1	7/6/05 19:04	
51	n/a	BTEX CCV	n/a	n/a	050F5101	Water	5mL	1	7/6/05 19:37	
52	05-1580	0026	<2	n/a	051F5201	Water	5mL	1	7/6/05 20:09	Foam-over, rerun 5X-DNR
53	05-1580	0026MS	<2	n/a	052F5301	Water	5mL	1	7/6/05 20:41	DNR
54	05-1580	0026SD	<2	n/a	052F5401	Water	5mL	1	7/6/05 21:13	DNR
55	05-1580	0027	<2	n/a	053F5501	Water	5mL	1	7/6/05 21:44	Foam-over, rerun 5X-DNR
56	05-1580	0028	<2	n/a	054F5601	Water	5mL	1	7/6/05 22:16	Foam-over, rerun 5X-DNR
57	05-1580	0029	<2	n/a	055F5701	Water	5mL	1	7/6/05 22:48	Foam-over, rerun 5X-DNR
58	05-1580	0030	<2	1920/1921	056F5801	Water	5mL	1	7/6/05 23:21	
59	05-1580	0031	<2	1920/1921	057F5901	Water	5mL	1	7/6/05 23:53	
60	05-1580	0032	<2	1920/1921	058F6001	Water	5mL	1	7/7/05 0:25	**Run# 3779**
61	n/a	GRO CCV	n/a	n/a	059F6101	Water	5mL	1	7/7/05 0:57	
62	n/a	BTEX CCV	n/a	n/a	060F6201	Water	5mL	1	7/7/05 1:30	
63	05-1584	0055	<2	1920/1921	061F6301	Water	0.5mL	10	7/7/05 2:02	Decanted

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3401034.D Vial: 34
Acq On : 07 Jul 2005 6:41 Operator: KMI
Sample : 0507-0017 Inst : FID3
Misc : B-56 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:39 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	994666	24.906 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	99.62% 100%
Target Compounds			
2) H M Diesel Range Organics	7.00	359237	8.814 mg/L 9 mg/kg
3) H Oil Range Organics	15.00	265725	6.520 mg/L

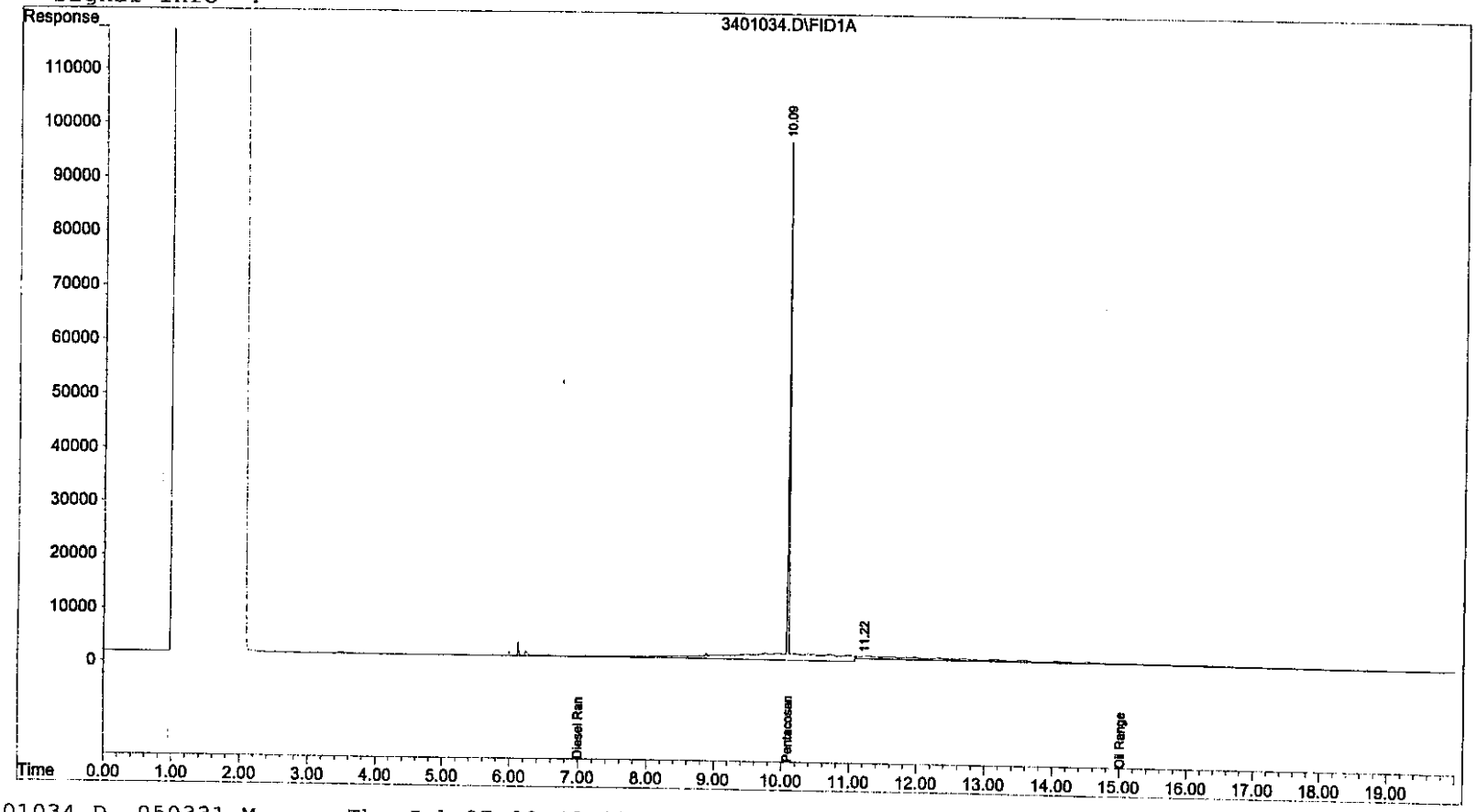
DK
07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
3401034.D 050331.M Thu Jul 07 08:40:27 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3401034.D Vial: 34
Acq C : 07 Jul 2005 6:41 Operator: KMI
Sampl : 0507-0017 Inst : FID3
Misc : B-56 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:39 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3501035.D Vial: 35
Acq On : 07 Jul 2005 7:07 Operator: KMI
Sample : 0507-0018 5X Inst : FID3
Misc : B-57 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:40 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	425398	10.652 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	42.61%#
Target Compounds			
2) H M Diesel Range Organics	7.00	29577212	725.681 mg/L x5 = 3630 mg/L
3) H Oil Range Organics	15.00	2372849	58.218 mg/L x5 = 290 mg/kg

07-07-05

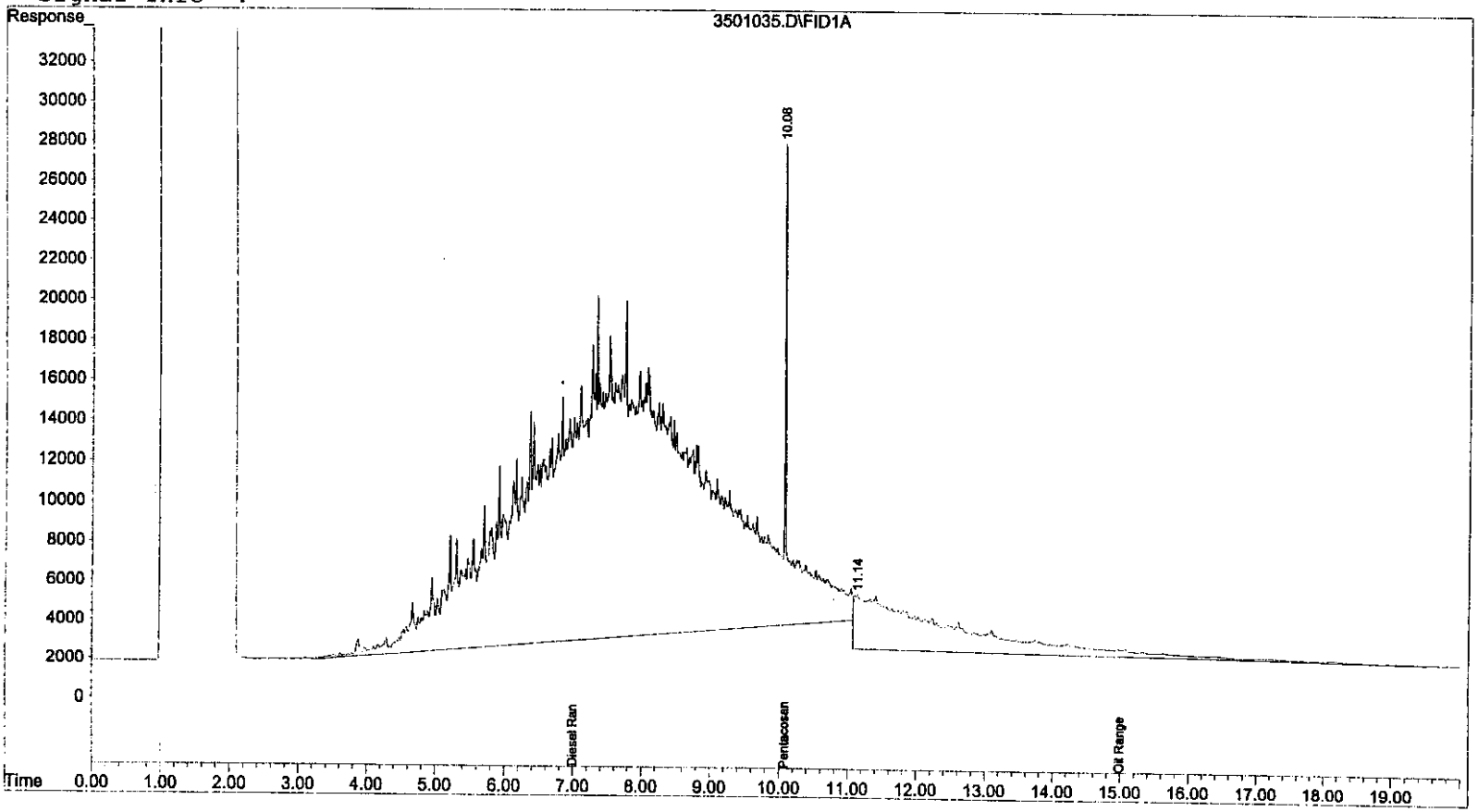
Note: Surrogate standard was not recovered due to sample dilution
07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
3501035.D 050331.M Thu Jul 07 08:40:44 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3501035.D Vial: 35
Acq Or : 07 Jul 2005 7:07 Operator: KMI
Sample : 0507-0018 Inst : FID3
Misc : B-57 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:40 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3601036.D Vial: 36
Acq On : 07 Jul 2005 7:33 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:40 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

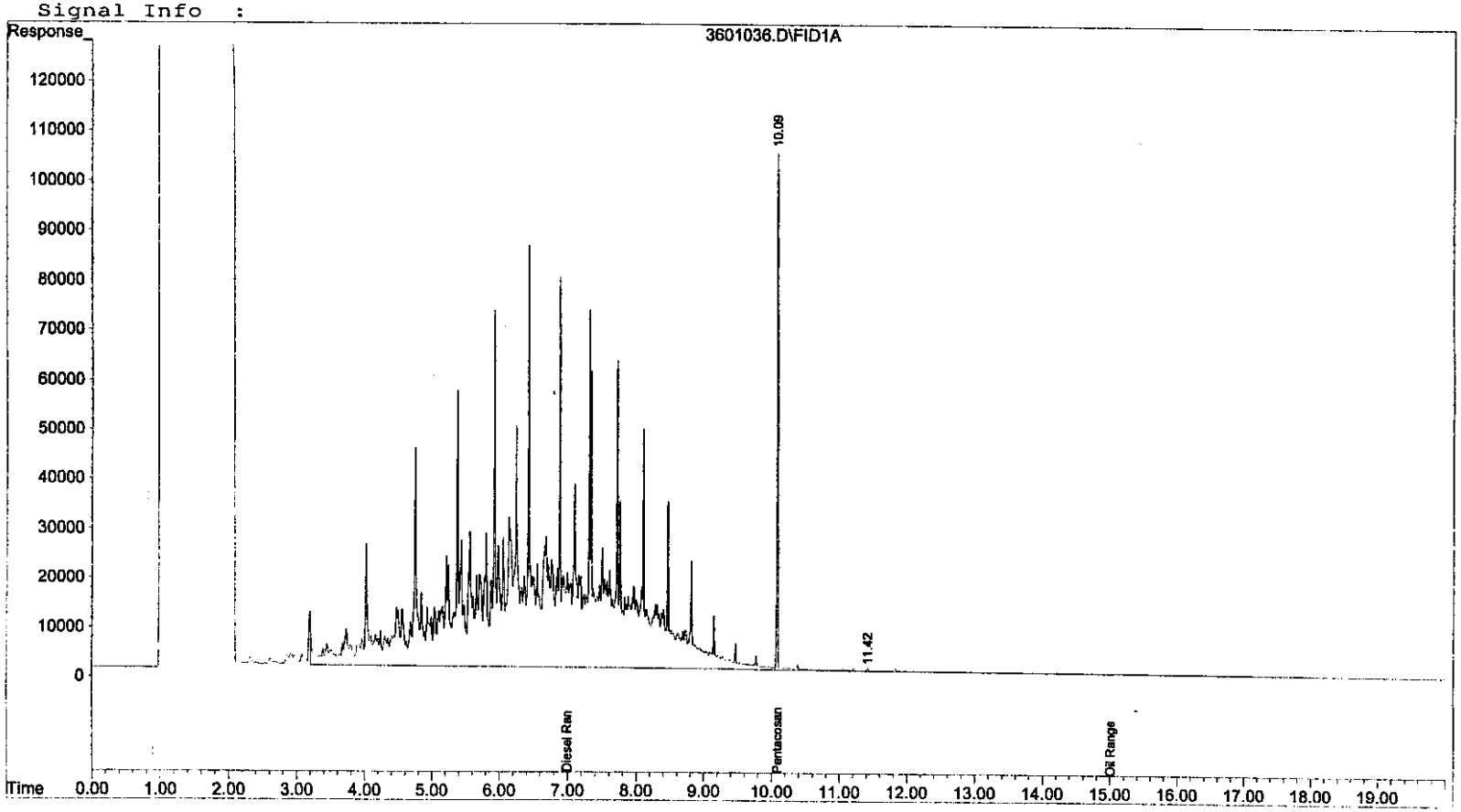
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1083501	27.130 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 108.52% 109%	
Target Compounds			
2) H M Diesel Range Organics	7.00	43523175	1067.846 mg/L 109%
3) H Oil Range Organics	15.00	69700	1.710 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3601036.D Vial: 36
Acq C : 07 Jul 2005 7:33 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:40 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3701037.D Vial: 37
Acq On : 07 Jul 2005 7:59 Operator: KMI
Sample : 0507-0019 3X PR 07-07-05 Inst : FID3
Misc : B-58 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:43 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	421688	10.559 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	42.24%#
Target Compounds			
2) H M Diesel Range Organics	7.00	16303420	400.006 mg/L X5 = 2000 mg/kg
3) H Oil Range Organics	15.00	4473522	109.758 mg/L X5 = 550 mg/kg

PR 07-07-05

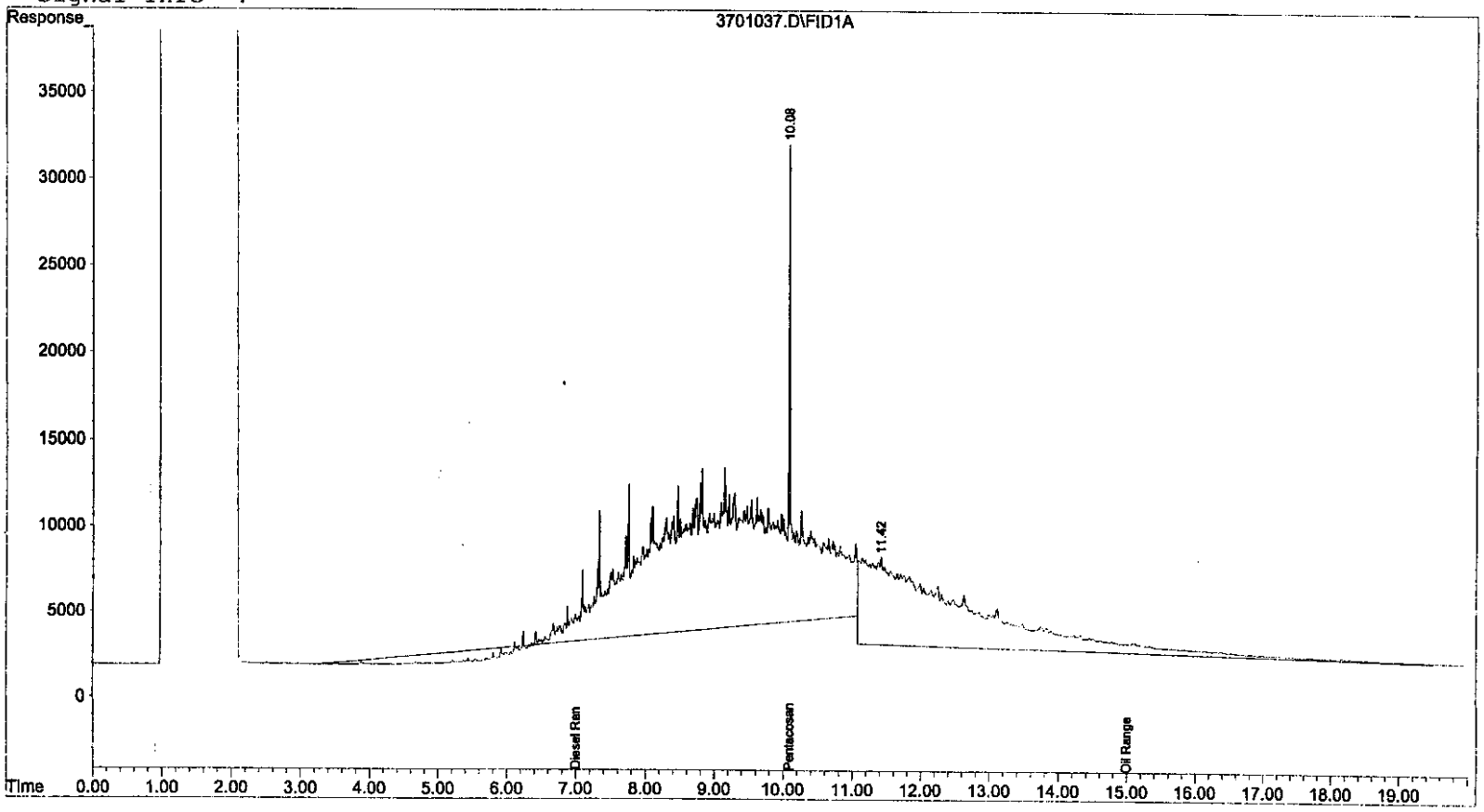
Note:
Surrogate standard was not recovered due to sample dilution
PR 07-07-~~06~~ 05 (1) EE PR 07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
3701037.D 050331.M Thu Jul 07 08:44:23 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3701037.D Vial: 37
Acq On : 07 Jul 2005 7:59 Operator: KMI
Sample : 0507-0019 5X 07-07-05 Inst : FID3
Misc : B-58 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:43 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4401044.D Vial: 44
Acq On : 07 Jul 2005 10:59 Operator: KMI
Sample : 0507-0114 Inst : FID3
Misc : PT-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

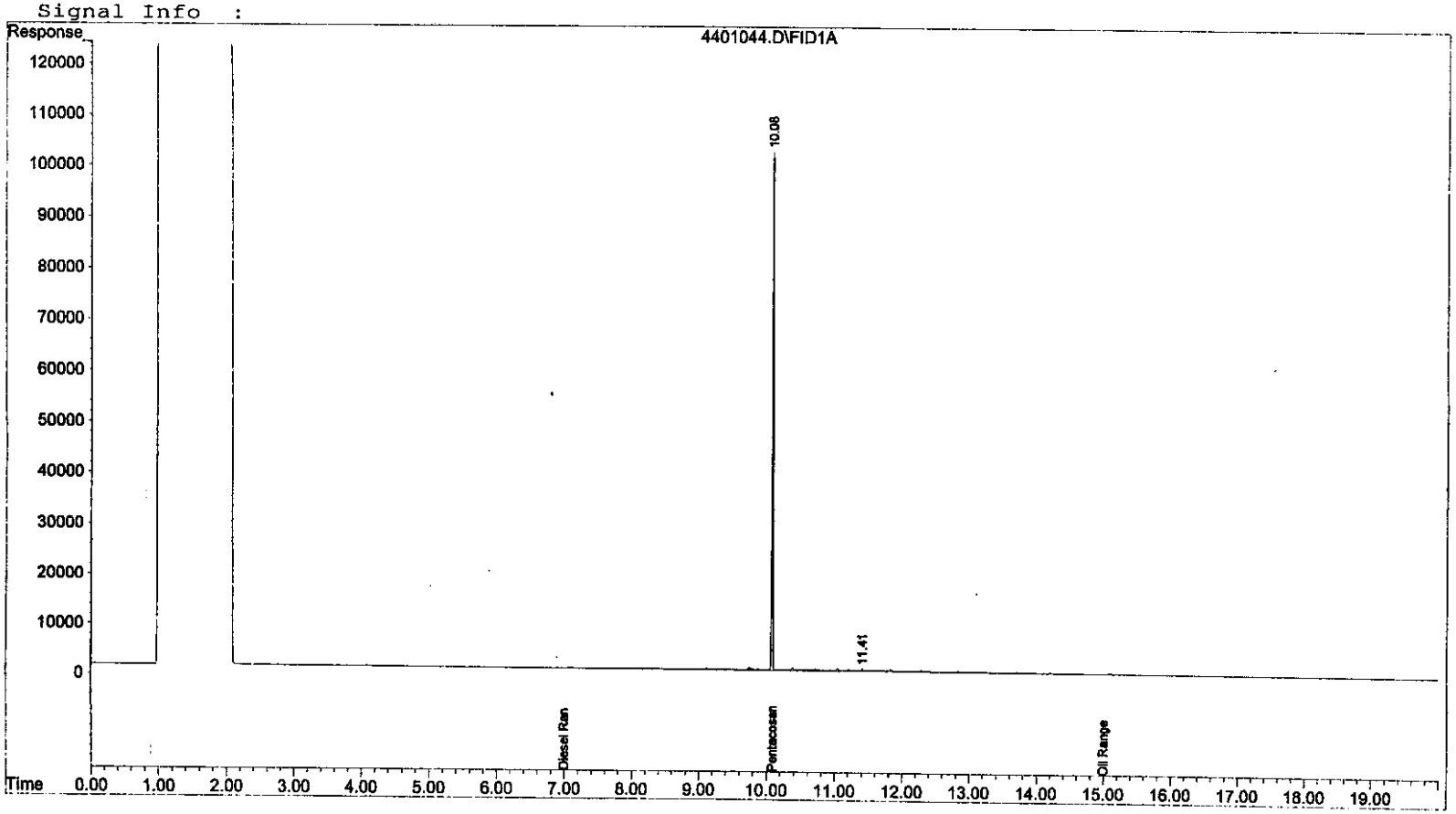
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1032604	25.856 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	103.42% 103%
Target Compounds			
2) H M Diesel Range Organics	7.00	46039	1.130 mg/L
3) H Oil Range Organics	15.00	47549	1.167 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4401044.D Vial: 44
Acq O : 07 Jul 2005 10:59 Operator: KMI
Sample : 0507-0114 Inst : FID3
Misc : PT-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4501045.D Vial: 45
Acq On : 07 Jul 2005 11:25 Operator: KMI
Sample : 0507-0114 ms Inst : FID3
Misc : PT-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

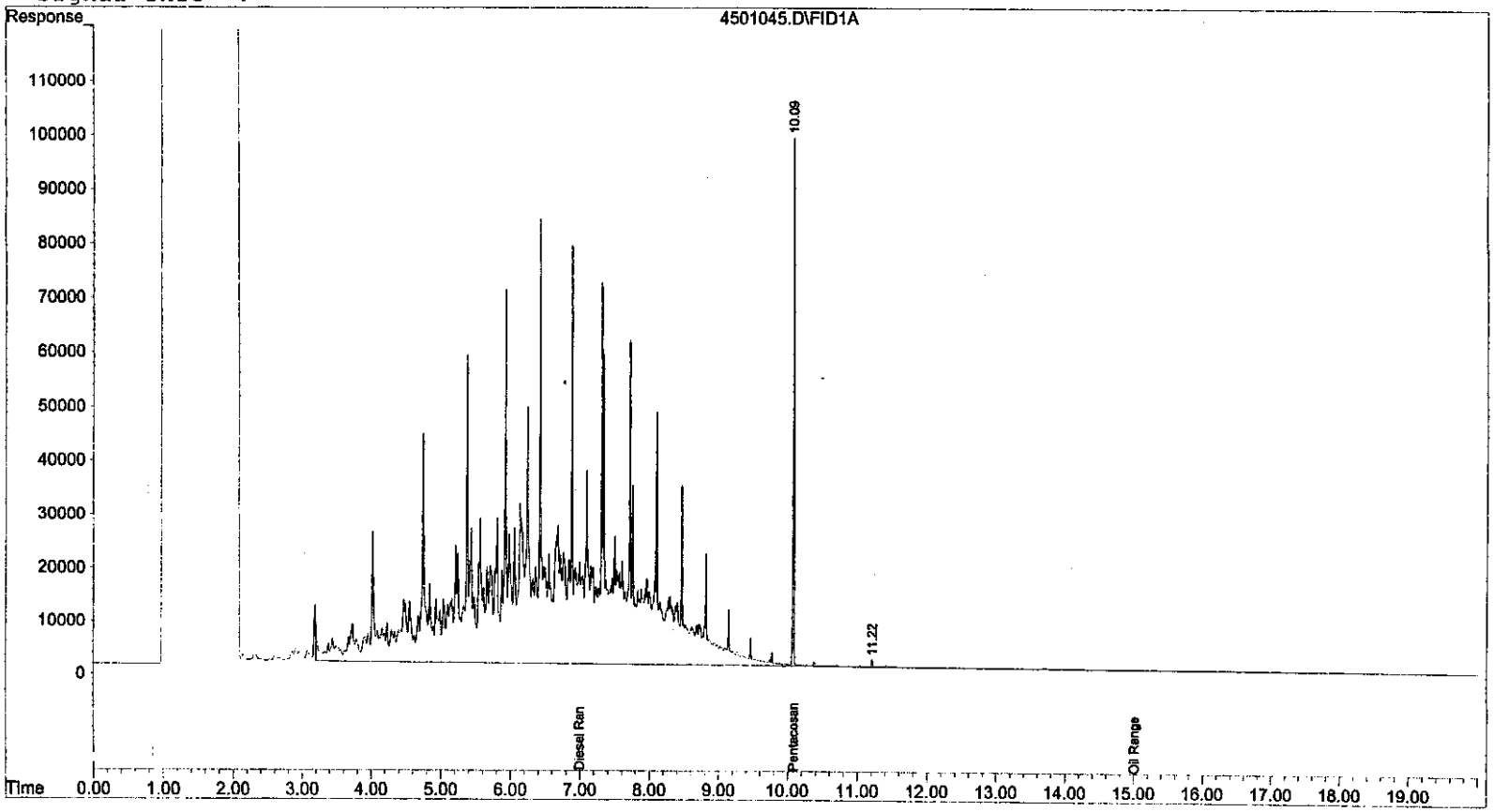
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1037993	25.991 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	103.96% 104%
Target Compounds			
2) H M Diesel Range Organics	7.00	42835021	1050.963 mg/L 105%
3) H Oil Range Organics	15.00	58149	1.427 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4501045.D Vial: 45
Acq O : 07 Jul 2005 11:25 Operator: KMI
Sample : 0507-0114 ms Inst : FID3
Misc : PT-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4601046.D Vial: 46
Acq On : 07 Jul 2005 11:51 Operator: KMI
Sample : 0507-0114 msd Inst : FID3
Misc : PT-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

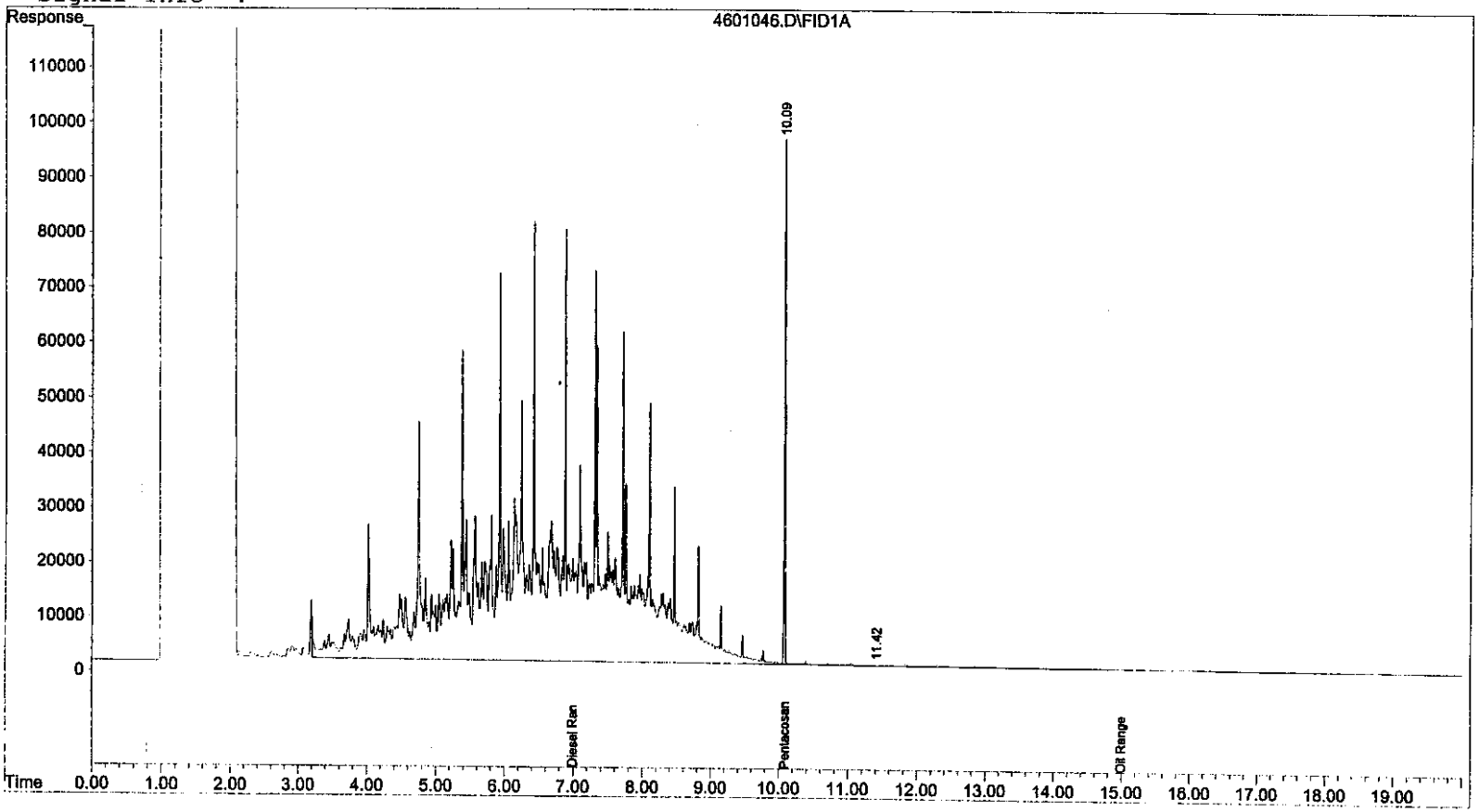
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1020328	25.549 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	102.20% 102%
Target Compounds			
2) H M Diesel Range Organics	7.00	42287477	1037.528 mg/L 104%
3) H Oil Range Organics	15.00	46271	1.135 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4601046.D Vial: 46
Acq C : 07 Jul 2005 11:51 Operator: KMI
Sampl. : 0507-0114 msd Inst : FID3
Misc : PT-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4701047.D Vial: 47
Acq On : 07 Jul 2005 12:17 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

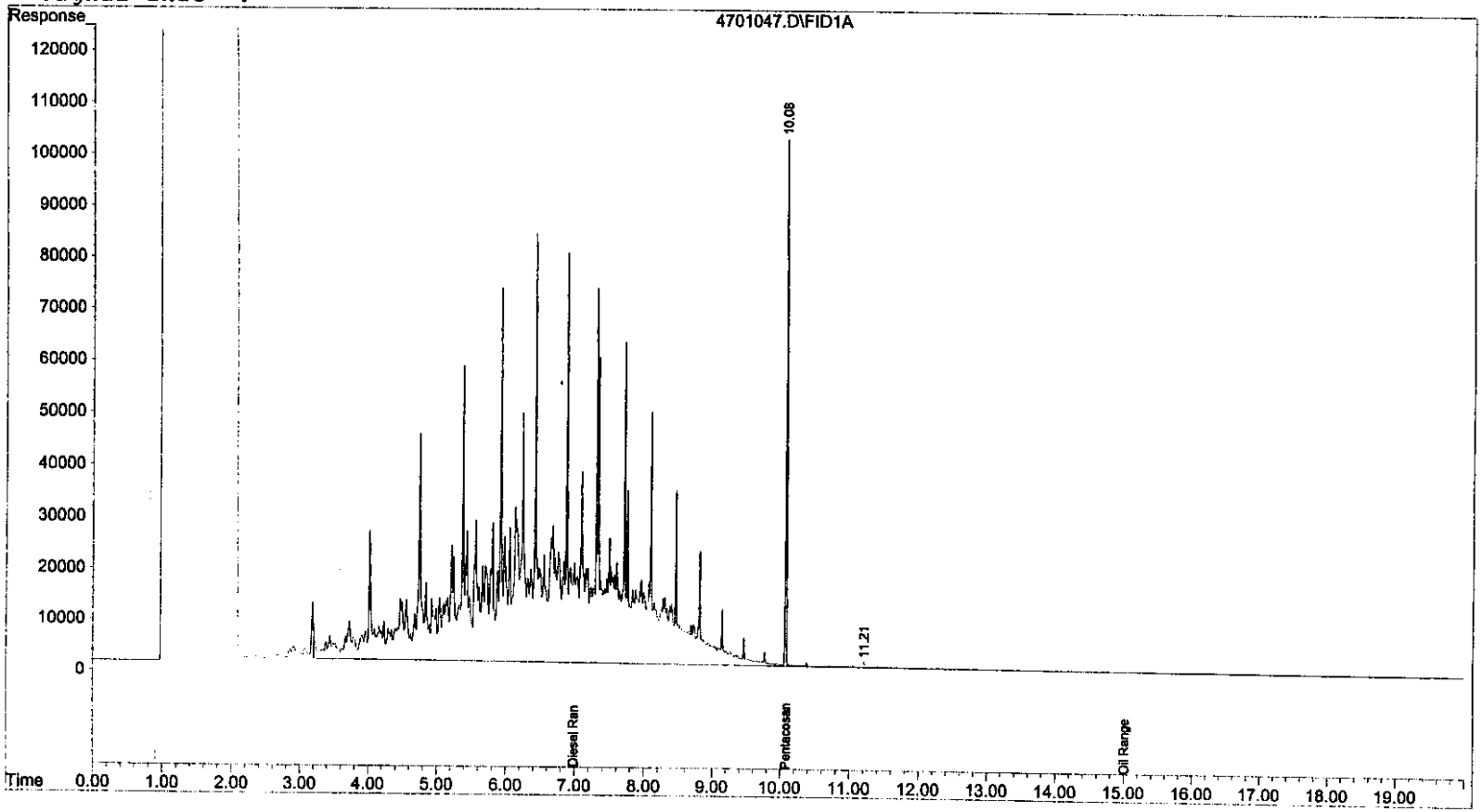
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1079666	27.034 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	108.14% 108%
Target Compounds			
2) H M Diesel Range Organics	7.00	43688609	1071.905 mg/L 107%
3) H Oil Range Organics	15.00	32719	0.803 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4701047.D Vial: 47
Acq O : 07 Jul 2005 12:17 Operator: KMI
Sampl : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:49 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4801048.D Vial: 48
Acq On : 07 Jul 2005 12:42 Operator: KMI
Sample : 0507-0015 Inst : FID3
Misc : B-54 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 8 10:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1045141	26.170 mg/L m 105%
Spiked Amount 25.000 Range 80 - 144		Recovery = 104.68%	
Target Compounds			
2) H M Diesel Range Organics	7.00	80793691	1982.283 mg/L 1980 mg/kg
3) H Oil Range Organics	15.00	35263537	865.195 mg/L 870 mg/kg

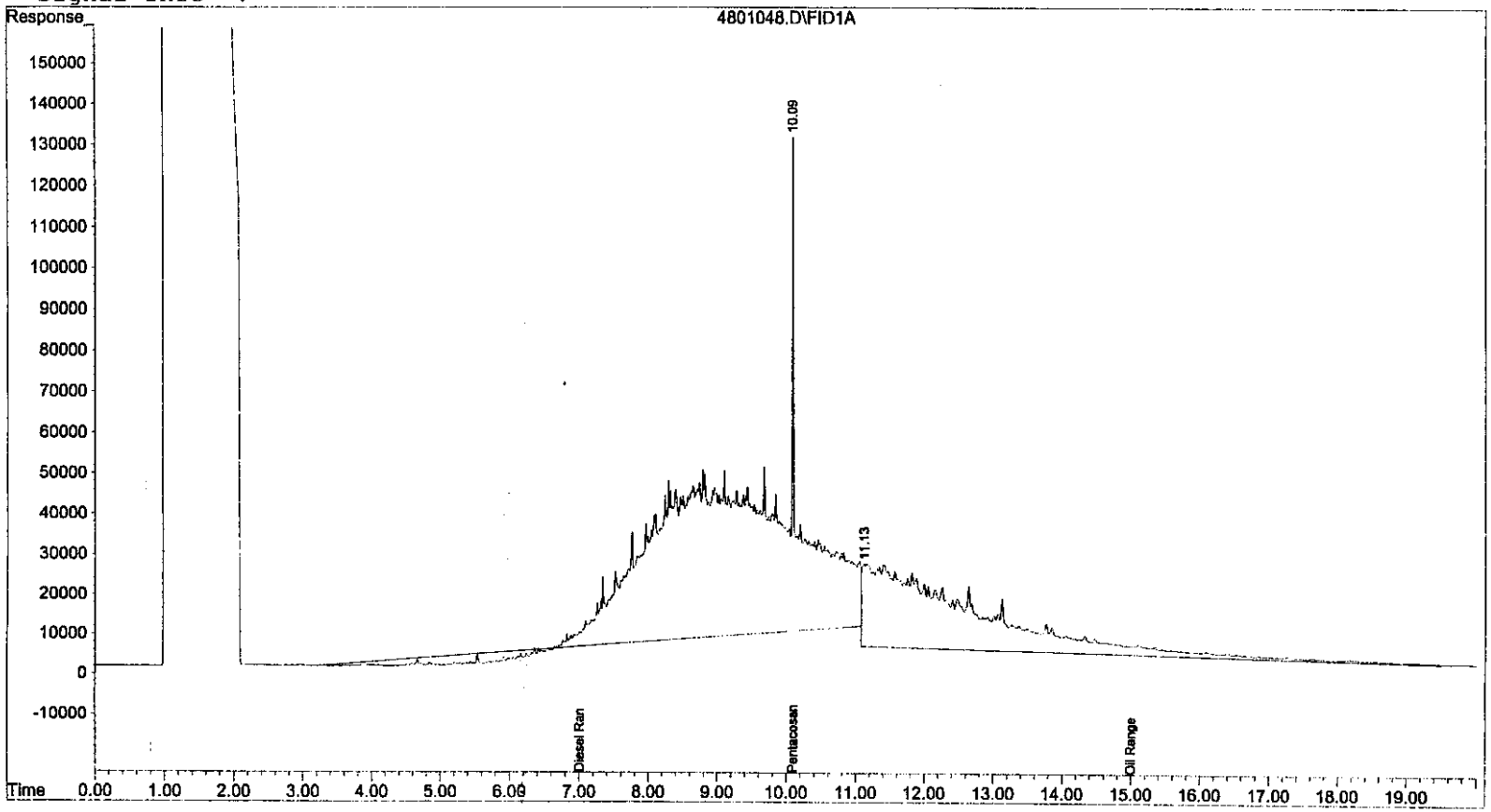
07-08-05

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4801048.D Vial: 48
Acq O : 07 Jul 2005 12:42 Operator: KMI
Sample : 0507-0015 Inst : FID3
Misc : B-54 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 8 10:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4901049.D Vial: 49
Acq On : 07 Jul 2005 13:08 Operator: KMI
Sample : 0507-0016 20x Inst : FID3
Misc : B-55 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:50 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	492226	12.325 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	49.30%#
Target Compounds			
2) H M Diesel Range Organics	7.00	57130781	1401.711 mg/L x20=28034mg
3) H Oil Range Organics	15.00	5892300	144.568 mg/L x20=2890mg/L

Note:
Surrogate standard was not recovered due to sample dilution pr 07-07-05

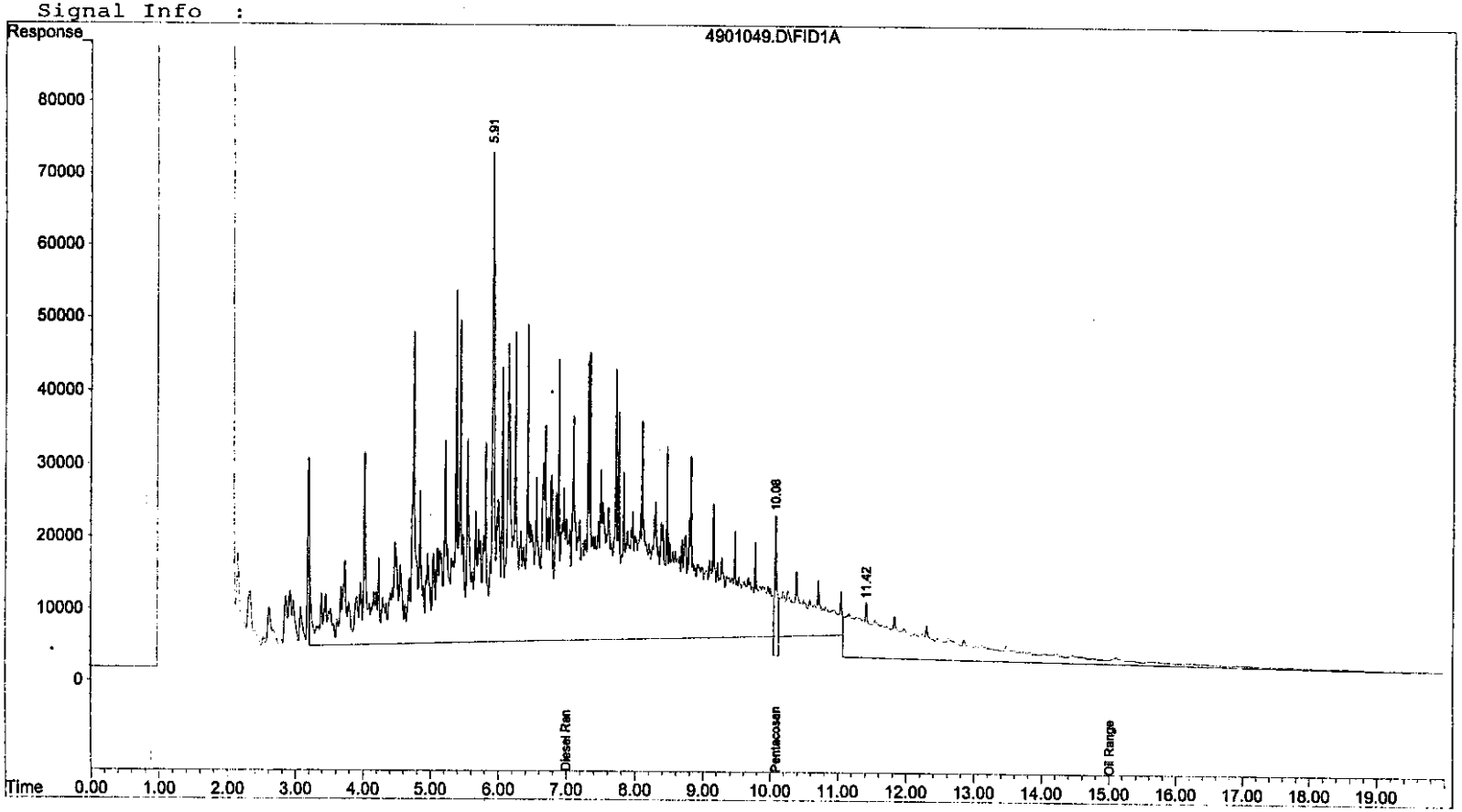
pr 07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
4901049.D 050331.M Thu Jul 07 13:51:09 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\4901049.D Vial: 49
Acq O : 07 Jul 2005 13:08 Operator: KMI
Sampl. : 0507-0016 20x Inst : FID3
Misc : B-55 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 14:50 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5001050.D Vial: 50
Acq On : 07 Jul 2005 13:34 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 15:45 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

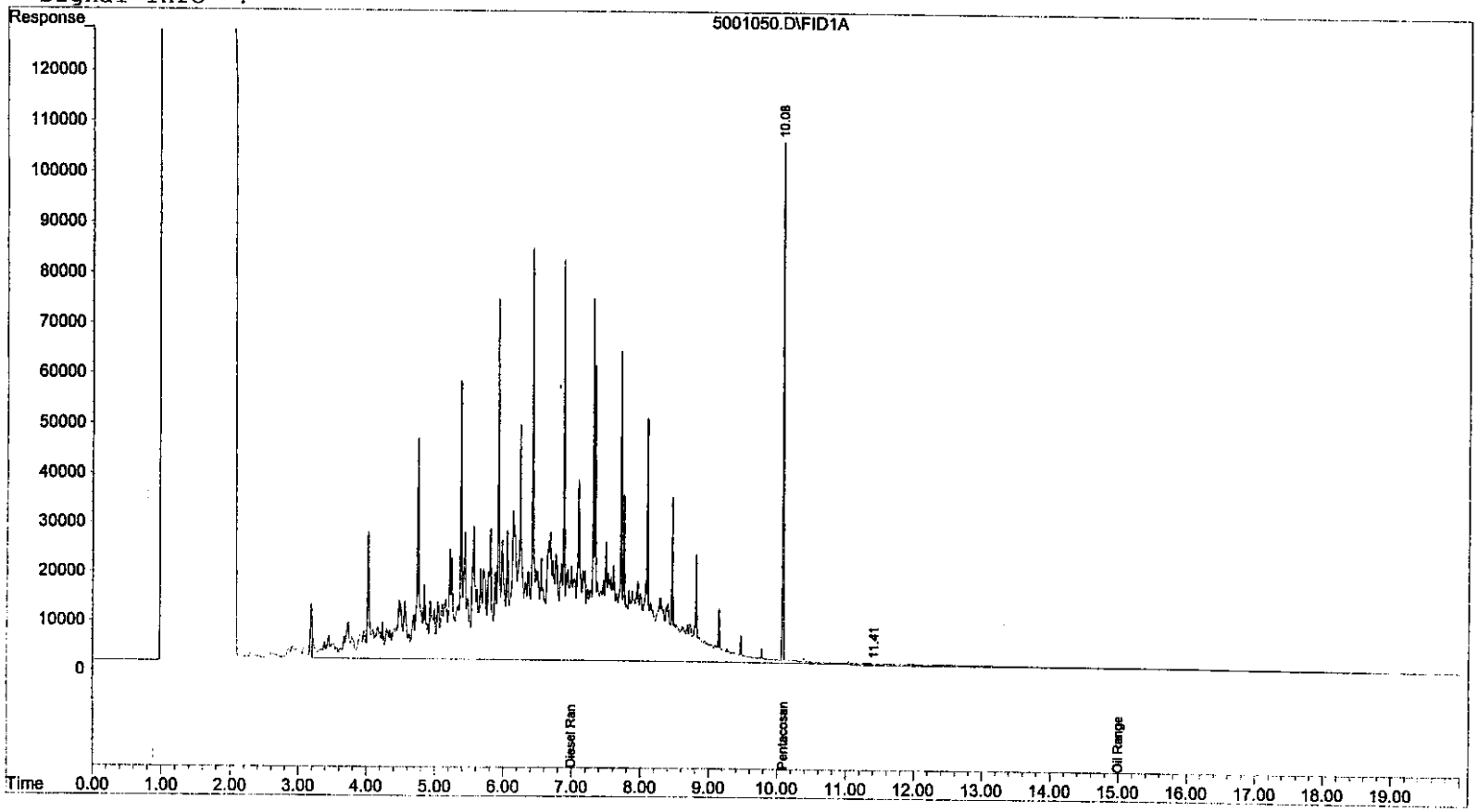
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1094646	27.409 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.64% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	43500861	1067.299 mg/L 107%
3) H Oil Range Organics	15.00	210146	5.156 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5001050.D Vial: 50
Acq O : 07 Jul 2005 13:34 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 15:45 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5101001.D Vial: 51
Acq On : 07 Jul 2005 14:01 Operator: KMI
Sample : 0507-0020 Inst : FID3
Misc : B-59 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 17:42 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	907219	22.716 mg/L m
Spiked Amount 25.000 Range 80 - 144		Recovery =	90.86% 91%
Target Compounds			
2) H M Diesel Range Organics	7.00	24040811	589.844 mg/L 590 mg/Kg
3) H Oil Range Organics	15.00	16974787	416.479 mg/L 420 mg/Kg

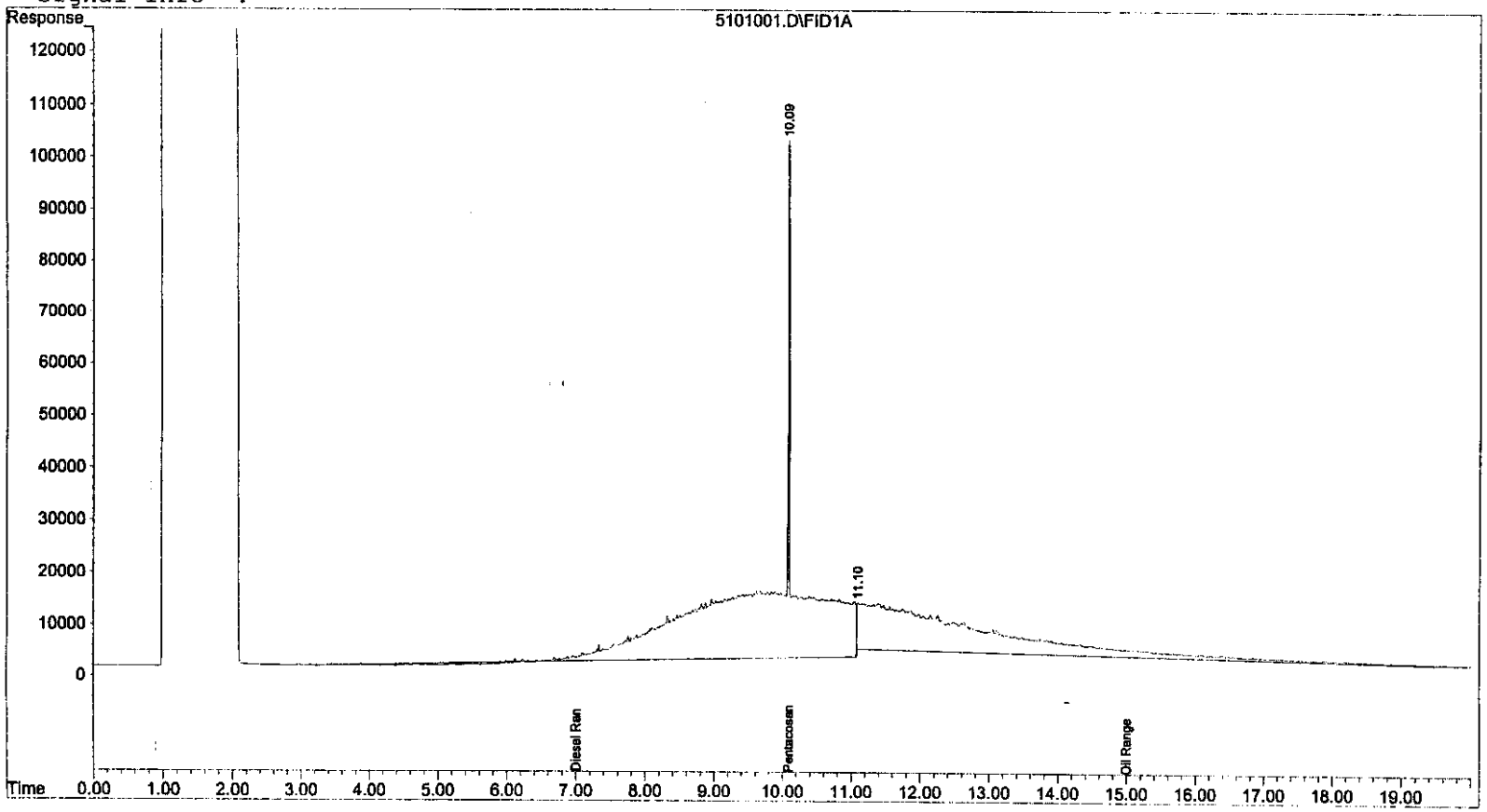
07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
5101001.D 050331.M Thu Jul 07 16:43:15 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5101001.D Vial: 51
Acq On : 07 Jul 2005 14:01 Operator: KMI
Sample : 0507-0020 Inst : FID3
Misc : B-59 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 17:42 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5201002.D Vial: 52
Acq On : 07 Jul 2005 14:27 Operator: KMI
Sample : 0507-0021 Inst : FID3
Misc : B-510 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 17:43 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1075523	26.931 mg/L m 108%
Spiked Amount 25.000 Range 80 - 144		Recovery = 107.72%	
Target Compounds			
2) H M Diesel Range Organics	7.00	64284083	1577.218 mg/L 1580 mg/kg
3) H Oil Range Organics	15.00	53887950	1322.148 mg/L 1320 mg/kg

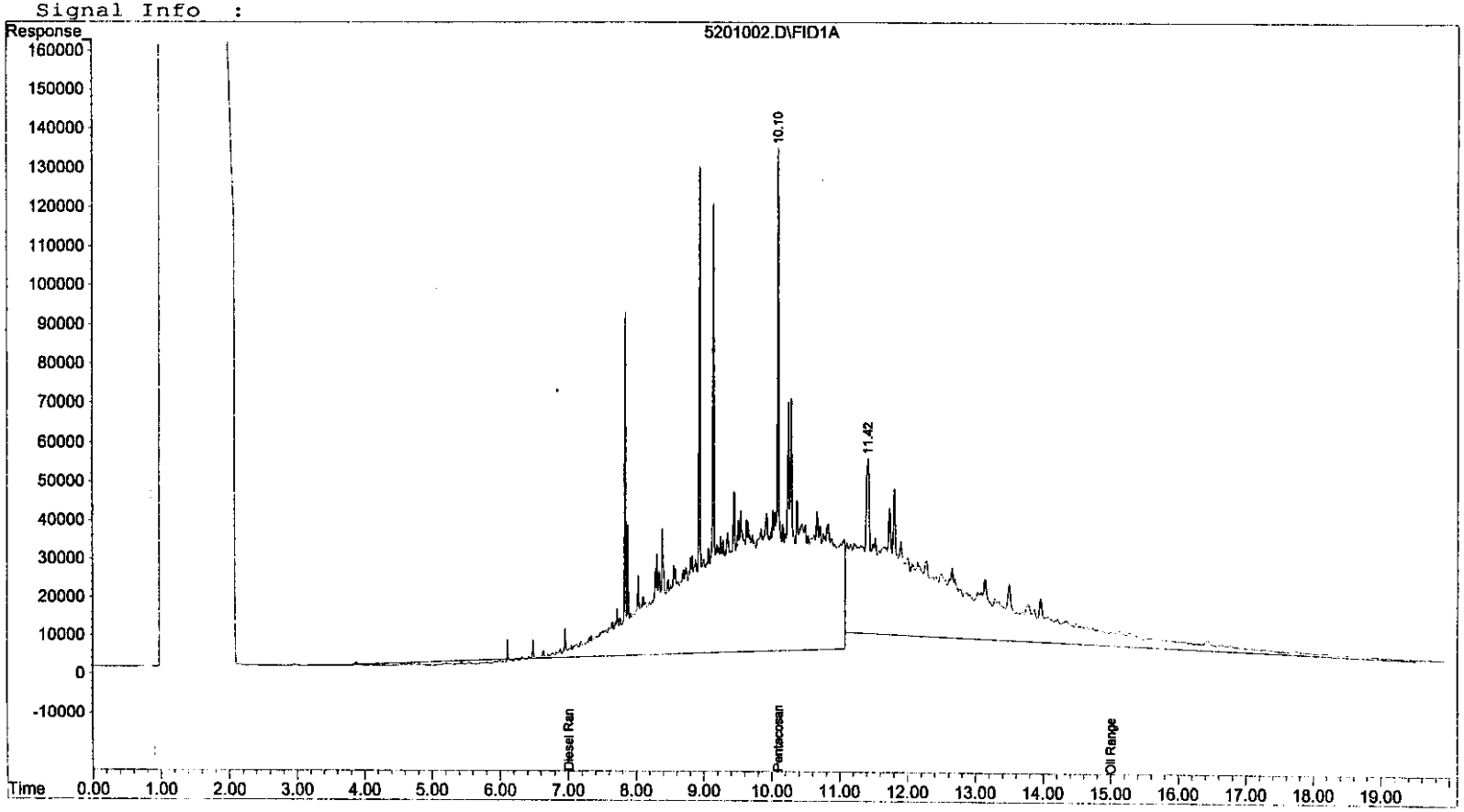
DK
07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
5201002.D 050331.M Thu Jul 07 16:44:45 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5201002.D Vial: 52
Acq Or : 07 Jul 2005 14:27 Operator: KMI
Sample : 0507-0021 Inst : FID3
Misc : B-510 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 17:43 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5301003.D Vial: 53
Acq On : 07 Jul 2005 14:52 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 16:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

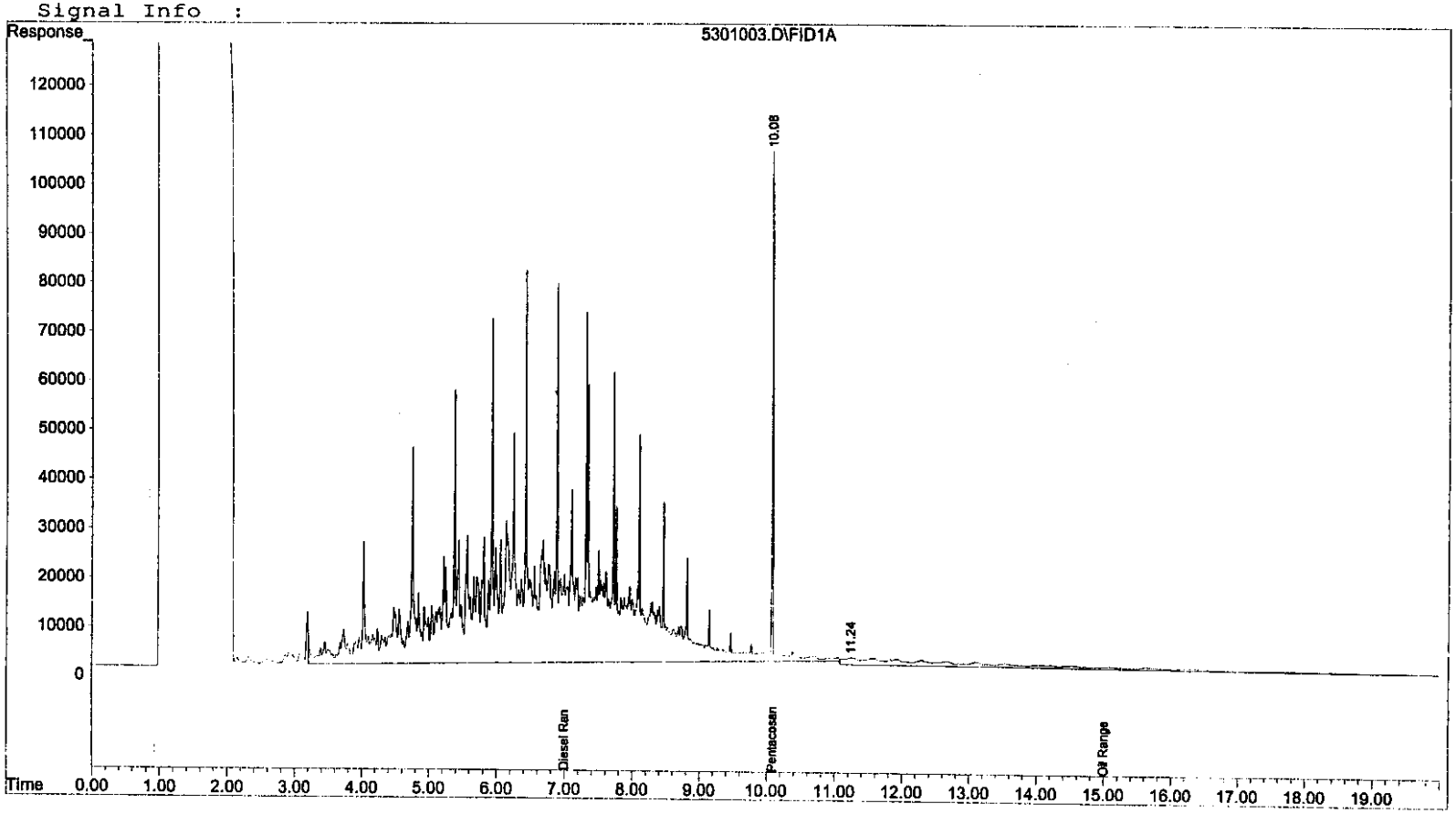
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1132681	28.362 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 113.45%	113%
Target Compounds			
2) H M Diesel Range Organics	7.00	43770578	1073.917 mg/L 107%
3) H Oil Range Organics	15.00	2022230	49.616 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\5301003.D Vial: 53
Acq O: : 07 Jul 2005 14:52 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 16:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-351	is1	GC-S-1-352	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-349	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

RP 7/08/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
64	05-1579	0016	n/a	1919	062F6401	Soil	10.00g	20	7/7/05 2:34	
65	05-1579	0021	n/a	1919	063F6501	Soil	10.03g	5	7/7/05 3:06	
66	n/a	GRO CCV	n/a	n/a	064F6601	Water	5mL	1	7/7/05 3:39	
67	n/a	BTEX CCV	n/a	n/a	065F6701	Water	5mL	1	7/7/05 4:11	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 003F0401.D

	Spike Sample	Spike Duplicate Sample
File ID :	004F0501.D	005F0601.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	05-Jul-2005, 18:55:23	05-Jul-2005, 19:28:01

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1593	1576	96	95	1	20	70-130
Benzene	0.0	23	25	22	110	98	12	20	70-130
Toluene	0.0	123	119	111	96	90	6	20	70-130
Ethylbenzene	0.0	29	27	22	91	75	20	20	70-130
m,p-Xylene	0.0	103	93	91	90	89	2	20	70-130
o-Xylene	0.0	42	40	36	96	86	11	20	70-130

- Fails Limit Check

0617ARCH.M Wed Jul 06 09:50:49 2005 VOA

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
st Update : Mon Jun 20 10:20:12 2005
..sponse via : Initial Calibration

Non-Spiked Sample: 027F2801.D

	Spike Sample	Spike Duplicate Sample
File ID :	028F2901.D	029F3001.D
Sample :	1574-1811MS,1,,3	1574-1811SD,1,,3
Acq Time:	06-Jul-2005, 07:49:06	06-Jul-2005, 08:21:24

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1185	1132	72	69#	5	20	70-130
Benzene	0.0	23	27	26	118	114	3	20	70-130
Toluene	0.0	123	104	97	84	78	7	20	70-130
Ethylbenzene	0.0	29	23	24	79	83	5	20	70-130
m,p-Xylene	0.0	103	79	80	77	78	1	20	70-130
o-Xylene	0.0	42	31	33	74	79	6	20	70-130

- Fails Limit Check

Recovery outside limits due to matrix interference. LCS for this batch passes criteria.

0617ARCH.M Wed Jul 06 10:20:10 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\001F0201.D\FID1A.CH Vial: 1
Acq On : 05-Jul-2005, 11:59:36 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\001F0201.D\FID2B.CH Vial: 1
Acq On : 05-Jul-05, 11:59:36 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 17:53 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5908	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1624386	104.012 ug/L
Spiked Amount 100.000		Recovery =	104.01%
1 S 4-Bromofluorobenzene	9.45	18980	91.658 ug/L
Spiked Amount 100.000		Recovery =	91.66%
Target Compounds			
1) H T M Gasoline	8.00	23995580	873.433 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	2743	13.262 ug/L
7) T M Toluene	5.17	21271	71.893 ug/L
8) T M Ethylbenzene	7.89	4262	12.816 ug/L
9) T M m,p-Xylene	8.16	19700	50.409 ug/L
10) T M o-Xylene	8.79	7119	22.191 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	4604	9.274 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	12799	34.236 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

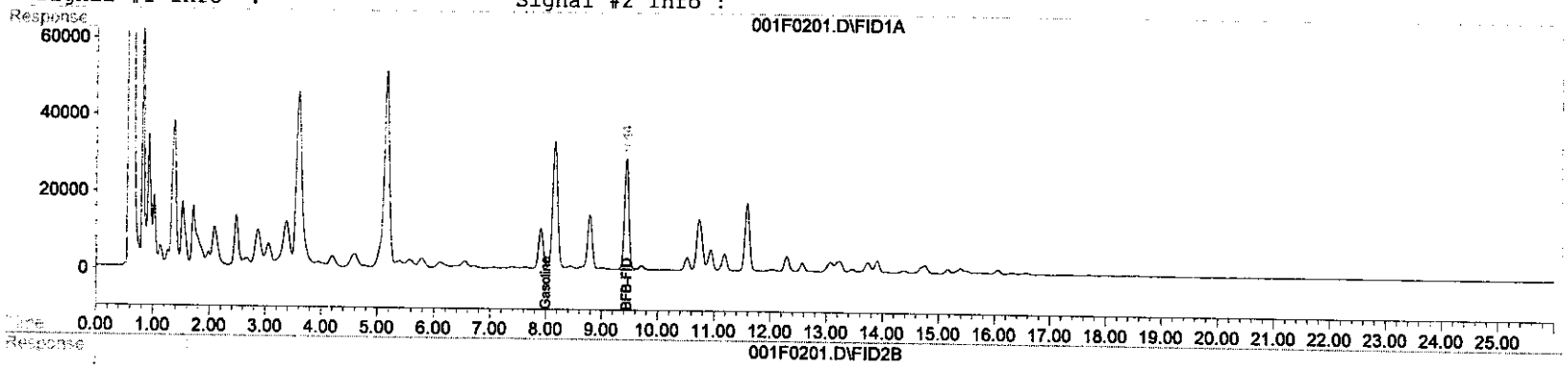
(f)=RT Delta > 1/2 Window (m)=manual int.

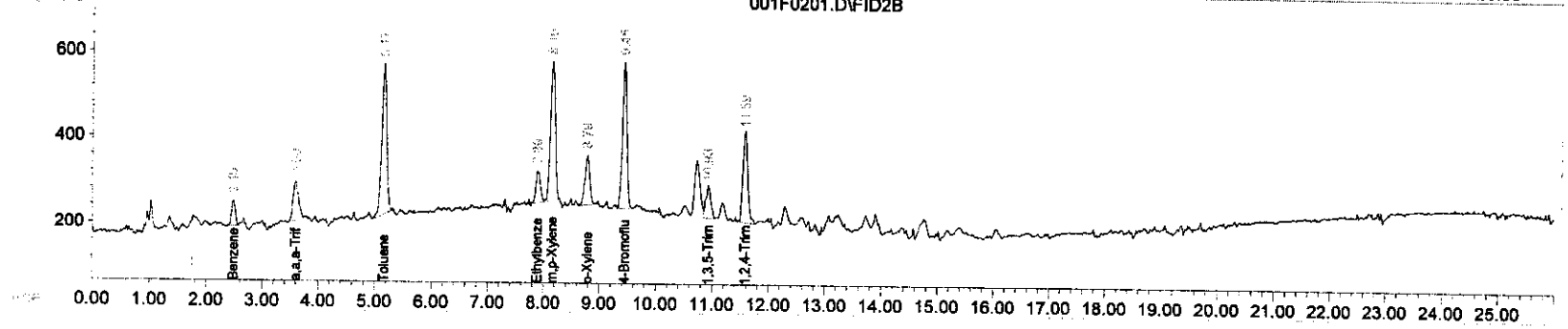
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\001F020' D\FID1A.CH Vial: 1
Acq On 05-Jul-2005, 11:59:36 Operat RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\001F0201.D\FID2B.CH Vial: 1
Acq On : 05-Jul-05, 11:59:36 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 17:53 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\002F0301.D\FID1A.CH Vial: 2
Acq On : 05-Jul-2005, 12:32:00 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\002F0301.D\FID2B.CH Vial: 2
Acq On : 05-Jul-05, 12:32:00 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 17:54 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

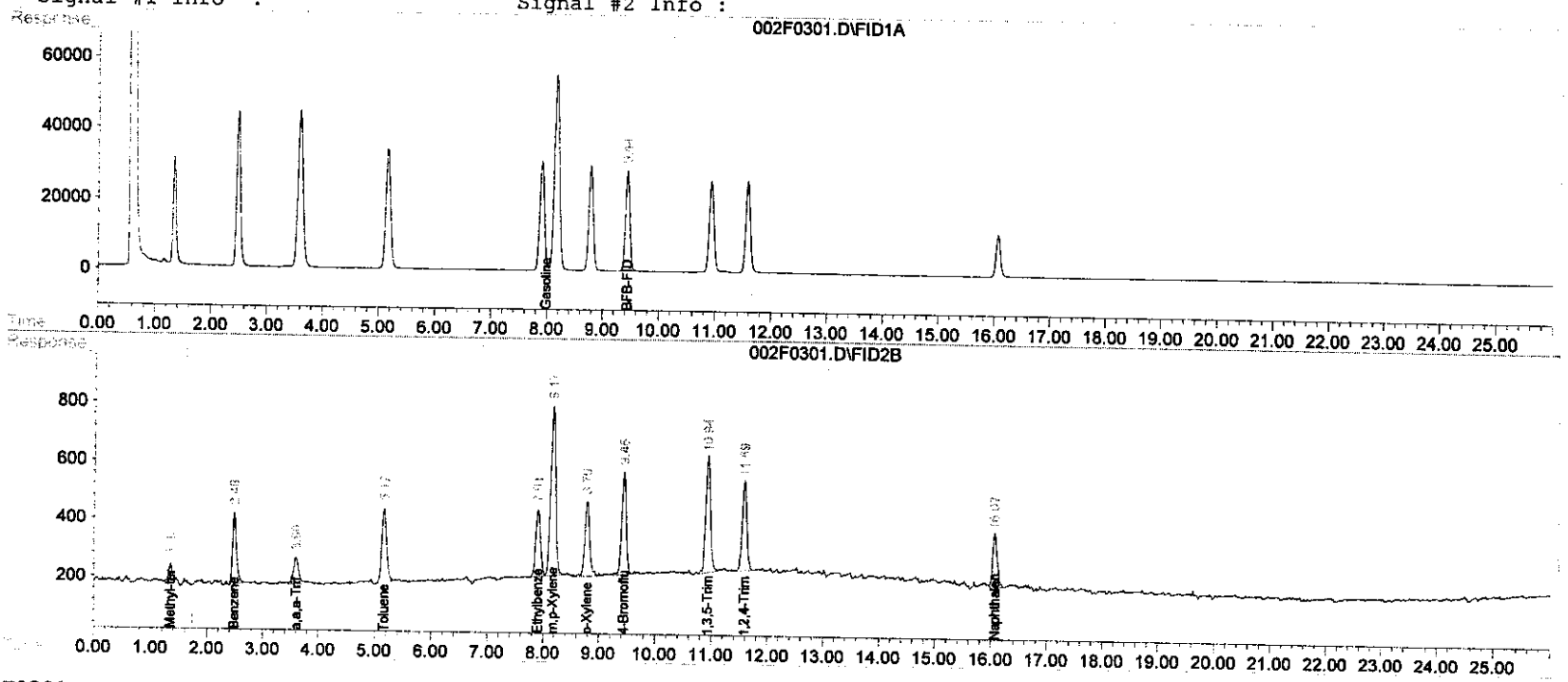
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5980	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1570894	100.578 ug/L
Spiked Amount 100.000		Recovery =	100.58%
3) S 4-Bromofluorobenzene	9.45	19908	94.994 ug/L
Spiked Amount 100.000		Recovery =	94.99%
Target Compounds			
1) H T M Gasoline	8.00	18922868	659.965 ug/L
5) T Methyl-tert-butyl ether	1.35	2514	52.002 ug/L
6) T M Benzene	2.49	12127	52.971 ug/L
7) T M Toluene	5.17	15069	50.024 ug/L
8) T M Ethylbenzene	7.91	13763	46.318 ug/L
9) T M m,p-Xylene	8.17	36859	95.366 ug/L
10) T M o-Xylene	8.79	16378	51.648 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23705	47.174 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	17680	47.140 ug/L
14) T Naphthalene	16.07	10683	54.612 ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\002F0301.D\FID1A.CH Vial: 2
Acq On : 05-Jul-2005, 12:32:00 Operat : RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\002F0301.D\FID2B.CH Vial: 2
Acq On : 05-Jul-05, 12:32:00 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 17:54 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\003F0401.D\FID1A.CH Vial: 3
Acq On : 05-Jul-2005, 18:23:40 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\003F0401.D\FID2B.CH Vial: 3
Acq On : 05-Jul-05, 18:23:40 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:31 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

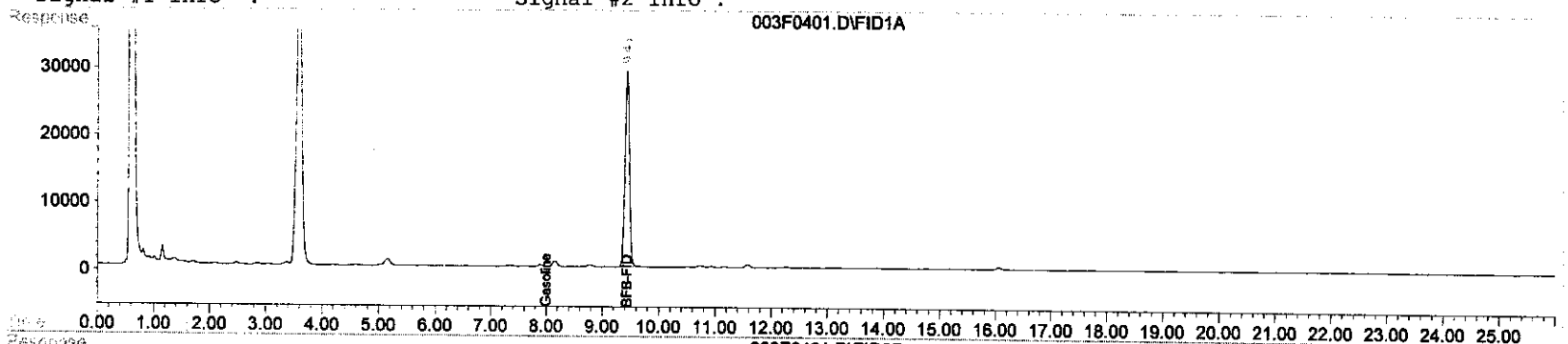
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5732	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1603346	102.661 ug/L
Spiked Amount 100.000		Recovery =	102.66%
1 S 4-Bromofluorobenzene	9.44	21375	106.399 ug/L
Spiked Amount 100.000		Recovery =	106.40%
Target Compounds			
1) H T M Gasoline	8.00	3295546	2.343 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

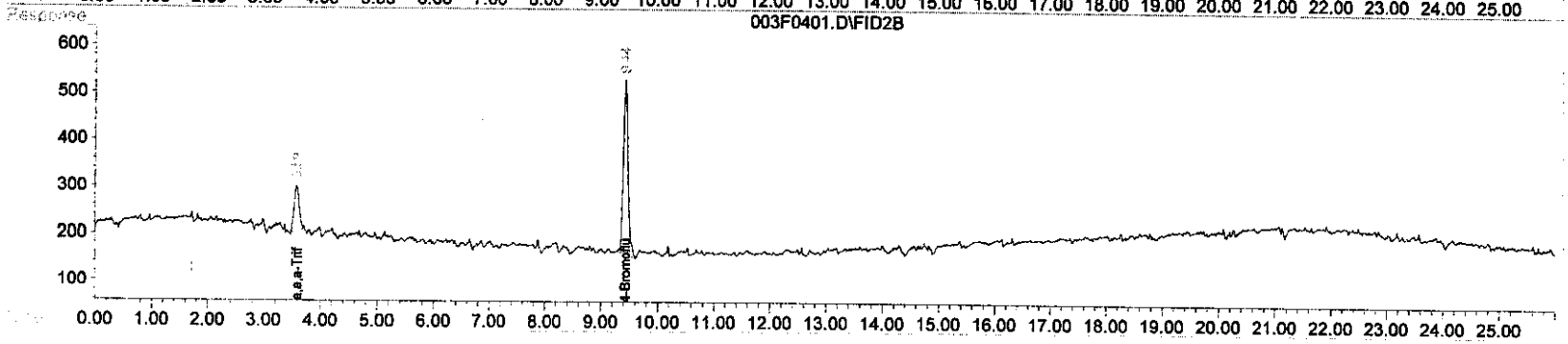
Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\003F040' `\FID1A.CH Vial: 3
Acq On 05-Jul-2005, 18:23:40 Operat\ RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\003F0401.D\FID2B.CH Vial: 3
Acq On : 05-Jul-05, 18:23:40 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:31 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\004F0501.D\FID1A.CH Vial: 4
Acq On : 05-Jul-2005, 18:55:23 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\004F0501.D\FID2B.CH Vial: 4
Acq On : 05-Jul-05, 18:55:23 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:31 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6618	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1698505	108.770 ug/L
Spiked Amount 100.000		Recovery =	108.77%
1 S 4-Bromofluorobenzene	9.44	19820	85.450 ug/L
Spiked Amount 100.000		Recovery =	85.45%
Target Compounds			
1) H T M Gasoline	8.00	41084407	1592.557 ug/L
5) T Methyl-tert-butyl ether	1.35	1646	30.560 ug/L
6) T M Benzene	2.49	6171	25.149 ug/L
7) T M Toluene	5.16	39112	118.655 ug/L
8) T M Ethylbenzene	7.90	9131	26.772 ug/L
9) T M m,p-Xylene	8.16	39636	92.585 ug/L
10) T M o-Xylene	8.79	14133	40.061 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	10917	19.630 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	22655	54.754 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

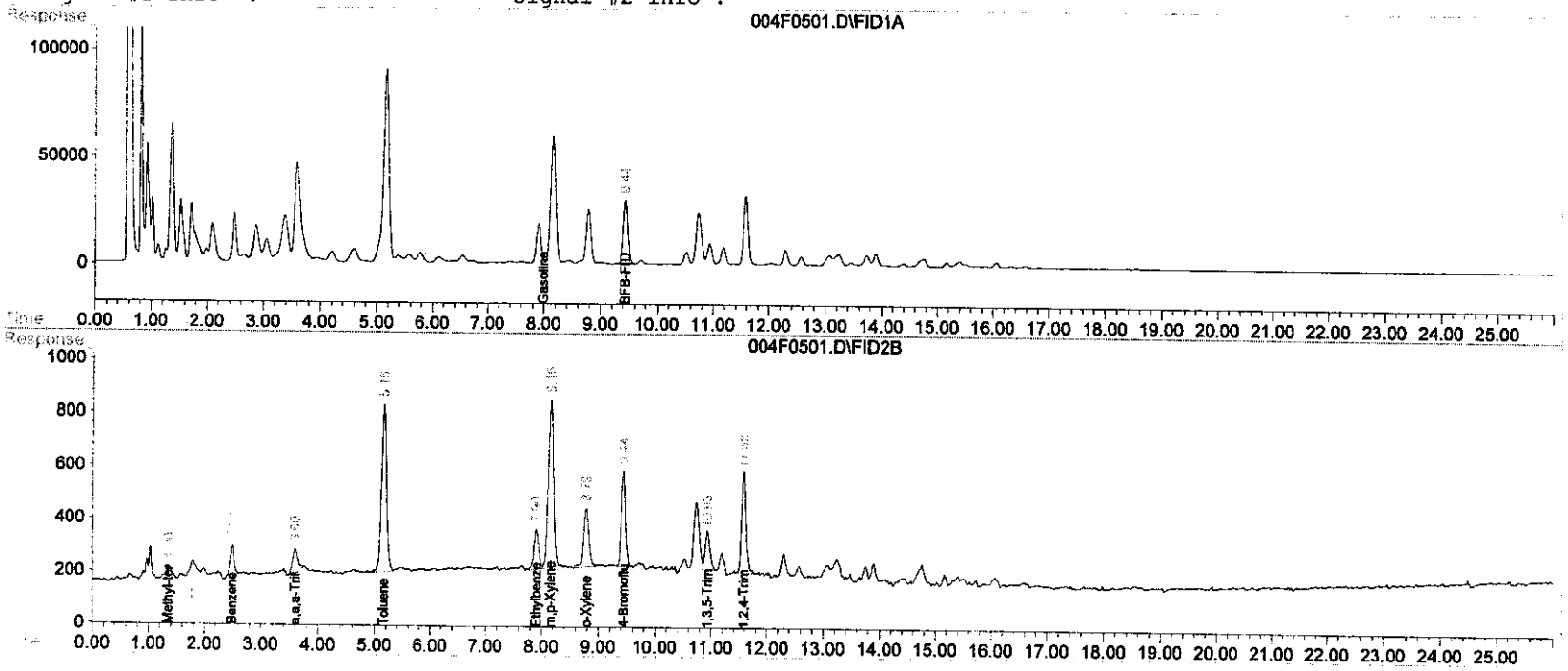
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\004F0501 `\FID1A.CH Vial: 4
Acq On 05-Jul-2005, 18:55:23 Operatc RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\004F0501.D\FID2B.CH Vial: 4
Acq On : 05-Jul-05, 18:55:23 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:31 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\005F0601.D\FID1A.CH Vial: 5
Acq On : 05-Jul-2005, 19:28:01 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\005F0601.D\FID2B.CH Vial: 5
Acq On : 05-Jul-05, 19:28:01 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:50 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6776	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1686650	108.009 ug/L
Spiked Amount 100.000		Recovery =	108.01%
1) S 4-Bromofluorobenzene	9.44	20873	87.896 ug/L
Spiked Amount 100.000		Recovery =	87.90%
Target Compounds			
1) H T M Gasoline	8.00	40696992	1576.254 ug/L
5) T Methyl-tert-butyl ether	1.35	2728	49.780 ug/L
6) T M Benzene	2.48	5576	22.370 ug/L
7) T M Toluene	5.17	37626	111.430 ug/L
8) T M Ethylbenzene	7.90	7811	21.961 ug/L
9) T M m,p-Xylene	8.16	39985	91.189 ug/L
10) T M o-Xylene	8.78	13041	36.012 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	9665	16.973 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	23213	54.799 ug/L
14) T Naphthalene	16.06	1771	11.316 ug/L

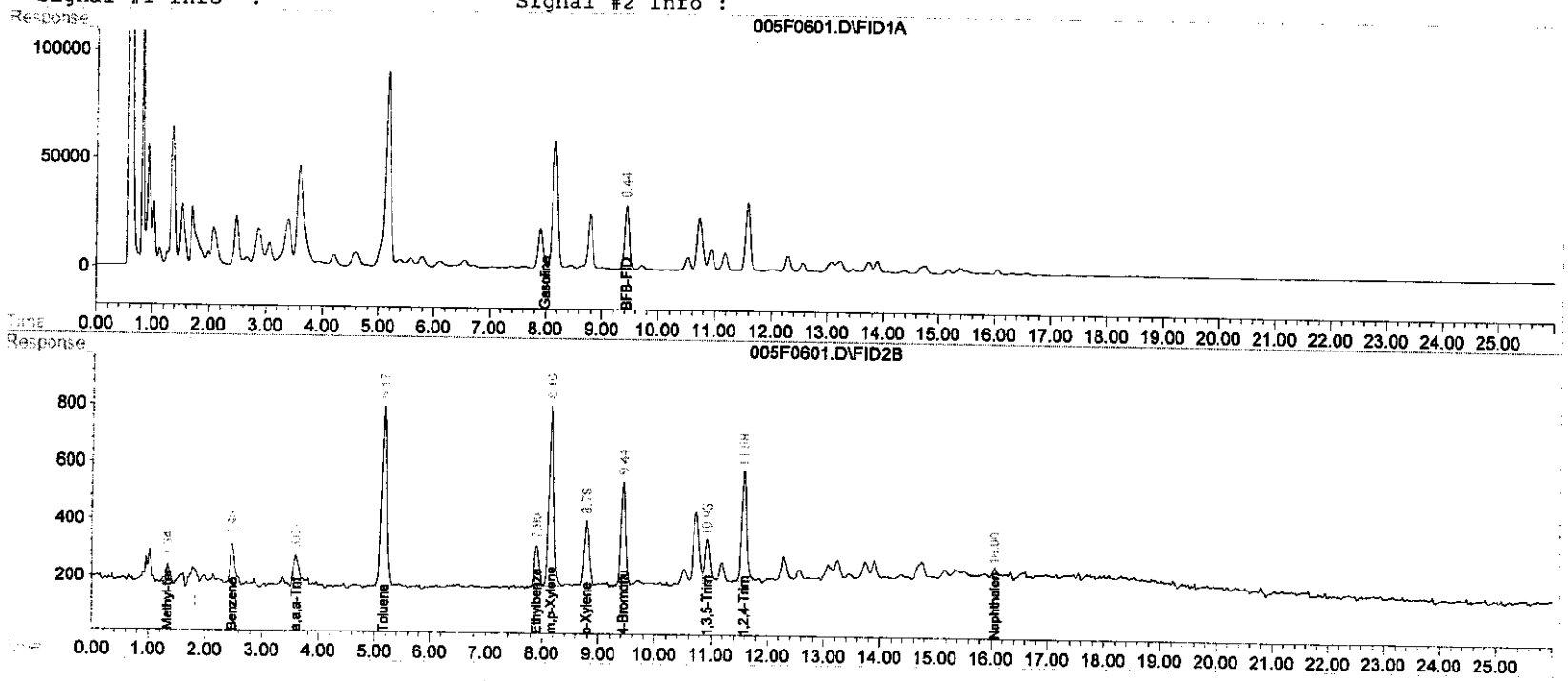
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\005F0601.D\FID1A.CH Vial: 5
Acq On 05-Jul-2005, 19:28:01 Operat RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\005F0601.D\FID2B.CH Vial: 5
Acq On : 05-Jul-05, 19:28:01 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:50 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\013F1401.D\FID1A.CH Vial: 13
Acq On : 05-Jul-2005, 23:45:33 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\013F1401.D\FID2B.CH Vial: 13
Acq On : 05-Jul-05, 23:45:33 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:47 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

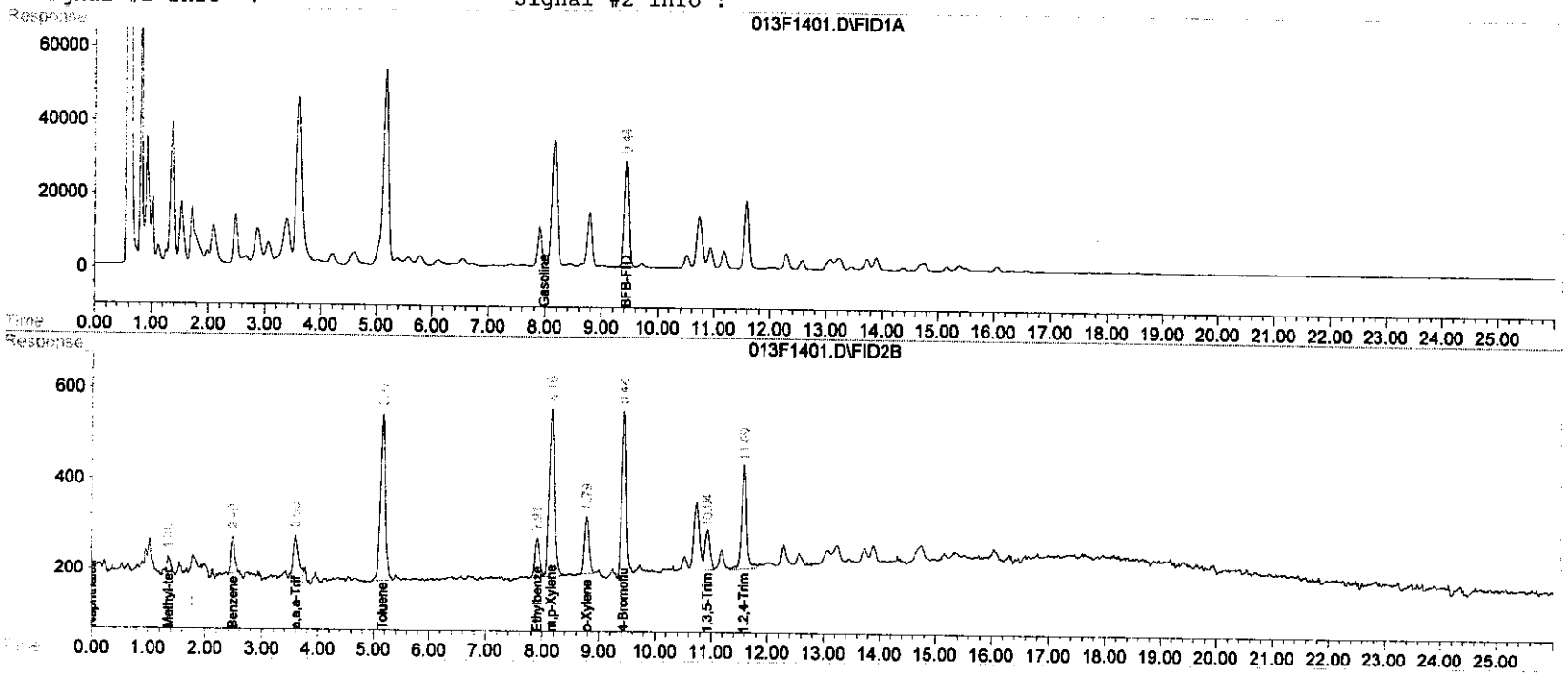
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7373	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1629881	104.365 ug/L
Spiked Amount 100.000		Recovery =	104.37%
1 S 4-Bromofluorobenzene	9.44	20717	80.172 ug/L
Spiked Amount 100.000		Recovery =	80.17%
Target Compounds			
1) H T M Gasoline	8.00	24832404	908.647 ug/L
5) T Methyl-tert-butyl ether	1.36	1716	28.571 ug/L
6) T M Benzene	2.49	4029	15.348 ug/L
7) T M Toluene	5.17	22718	61.387 ug/L
8) T M Ethylbenzene	7.91	5203	12.484 ug/L
9) T M m,p-Xylene	8.16	23653	48.405 ug/L
10) T M o-Xylene	8.79	7343	18.179 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5654	9.126 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14783	31.603 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\013F140' D\FID1A.CH Vial: 13
Acq On 05-Jul-2005, 23:45:33 Operat RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\013F1401.D\FID2B.CH Vial: 13
Acq On : 05-Jul-05, 23:45:33 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:47 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\014F1501.D\FID1A.CH Vial: 14
Acq On : 06-Jul-2005, 00:17:44 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\014F1501.D\FID2B.CH Vial: 14
Acq On : 06-Jul-05, 00:17:44 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:47 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6118	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1593595	102.035 ug/L
S ed Amount 100.000		Recovery =	102.04%
1. S 4-Bromofluorobenzene	9.45	20138	93.916 ug/L
Spiked Amount 100.000		Recovery =	93.92%
Target Compounds			
1) H T M Gasoline	8.00	18208101	629.886 ug/L
5) T Methyl-tert-butyl ether	1.35	3004	60.825 ug/L
6) T M Benzene	2.49	12159	51.940 ug/L
7) T M Toluene	5.17	14121	45.731 ug/L
8) T M Ethylbenzene	7.90	13690	44.959 ug/L
9) T M m,p-Xylene	8.17	35696	90.127 ug/L
10) T M o-Xylene	8.80	14886	45.774 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	22141	43.063 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	17357	45.182 ug/L
14) T Naphthalene	16.07	8682	44.178 ug/L

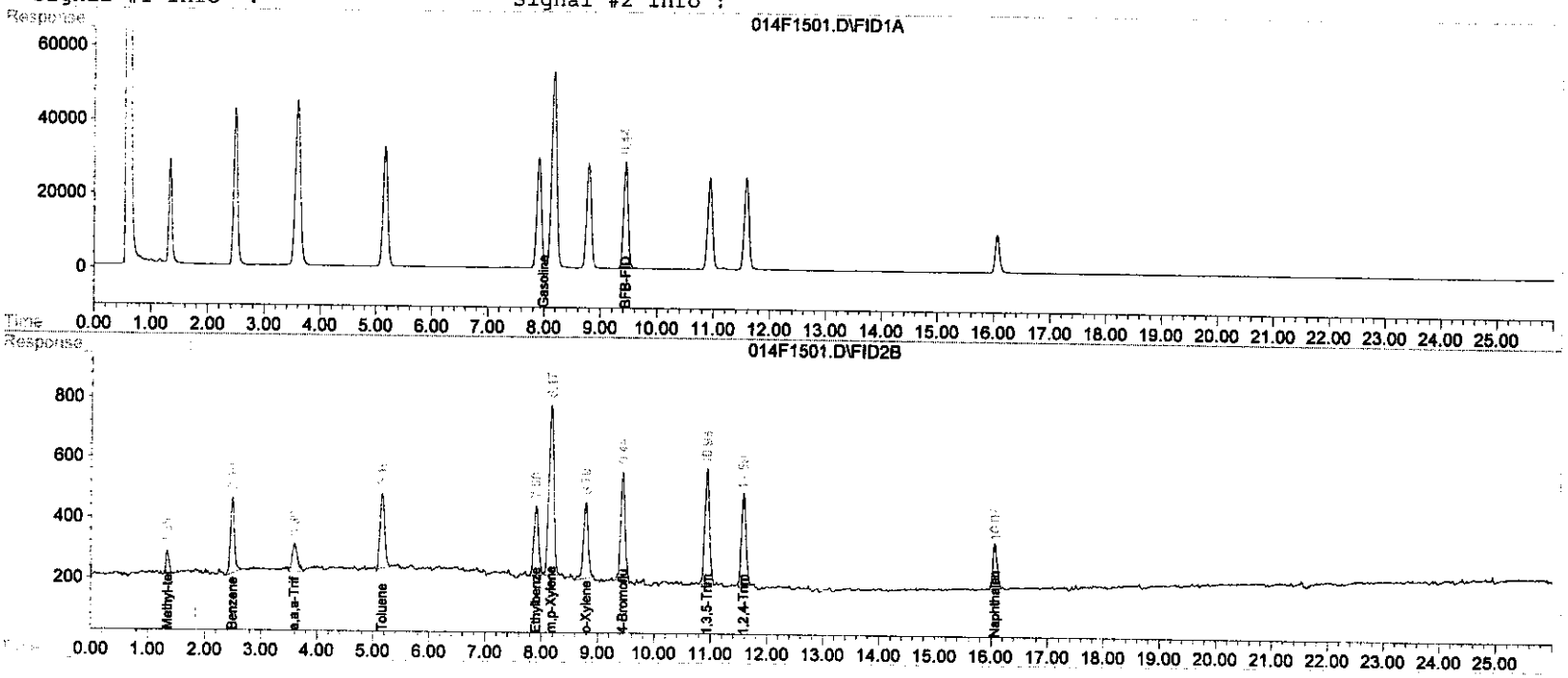
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\014F1501 D\FID1A.CH Vial: 14
Acq On : 06-Jul-2005, 00:17:44 Operat RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\014F1501.D\FID2B.CH Vial: 14
Acq On : 06-Jul-05, 00:17:44 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:47 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\025F2601.D\FID1A.CH Vial: 25
Acq On : 06-Jul-2005, 06:12:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\025F2601.D\FID2B.CH Vial: 25
Acq On : 06-Jul-05, 06:12:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5787	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1636478	104.788 ug/L
S ed Amount 100.000		Recovery =	104.79%
1. S 4-Bromofluorobenzene	9.45	20125	99.222 ug/L
Spiked Amount 100.000		Recovery =	99.22%
Target Compounds			
1) H T M Gasoline	8.00	24764858	905.805 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	4054	19.261 ug/L
7) T M Toluene	5.17	23760	82.127 ug/L
8) T M Ethylbenzene	7.91	6160	20.089 ug/L
9) T M m,p-Xylene	8.17	22672	59.676 ug/L
10) T M o-Xylene	8.79	6676	21.204 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6095	12.532 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13510	36.981 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

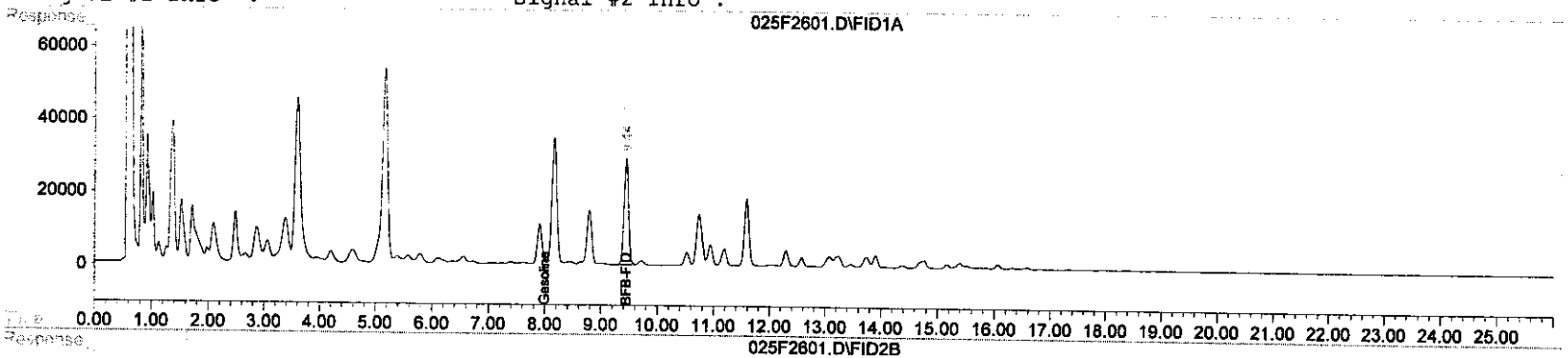
(f)=RT Delta > 1/2 Window (m)=manual int.

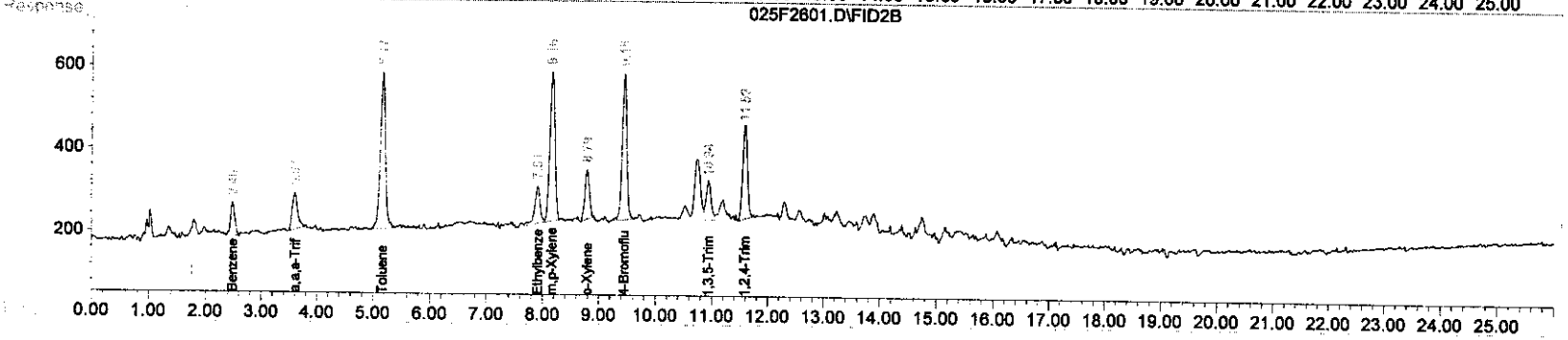
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\025F2601.D\FID1A.CH Vial: 25
Acq On : 06-Jul-2005, 06:12:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\025F2601.D\FID2B.CH Vial: 25
Acq On : 06-Jul-05, 06:12:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\026F2701.D\FID1A.CH Vial: 26
Acq On : 06-Jul-2005, 06:44:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\026F2701.D\FID2B.CH Vial: 26
Acq On : 06-Jul-05, 06:44:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:48 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6330	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1594779	102.111 ug/L
S ed Amount 100.000		Recovery =	102.11%
1 S 4-Bromofluorobenzene	9.45	21076	95.002 ug/L
Spiked Amount 100.000		Recovery =	95.00%
Target Compounds			
1) H T M Gasoline	8.00	19085420	666.805 ug/L
5) T Methyl-tert-butyl ether	1.35	2452	47.883 ug/L
6) T M Benzene	2.49	13327	54.934 ug/L
7) T M Toluene	5.17	15304	47.952 ug/L
8) T M Ethylbenzene	7.91	15401	49.105 ug/L
9) T M m,p-Xylene	8.18	38341	93.666 ug/L
10) T M o-Xylene	8.79	14944	44.389 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24079	45.265 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18207	45.826 ug/L
14) T Naphthalene	16.07	9103	44.721 ug/L

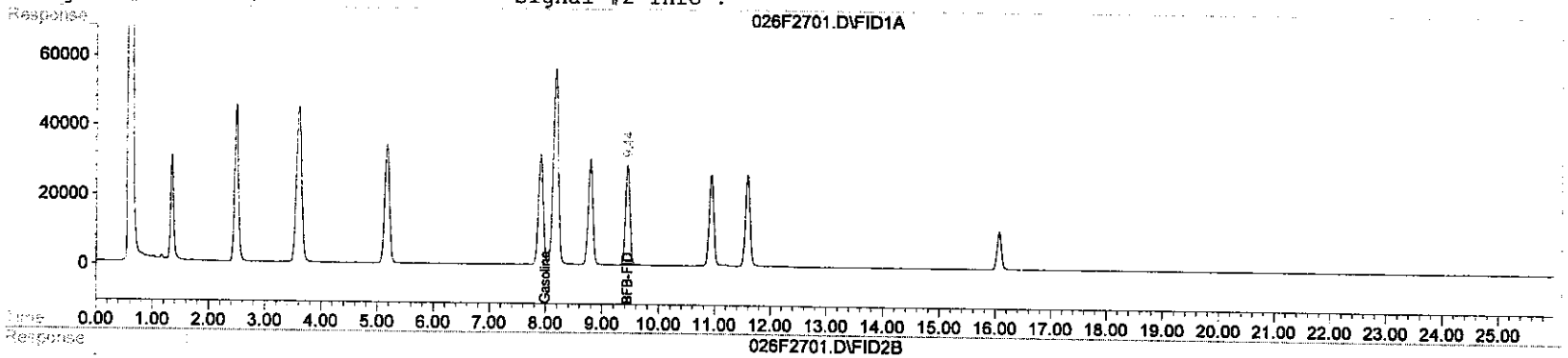
(f)=RT Delta > 1/2 Window (m)=manual int.

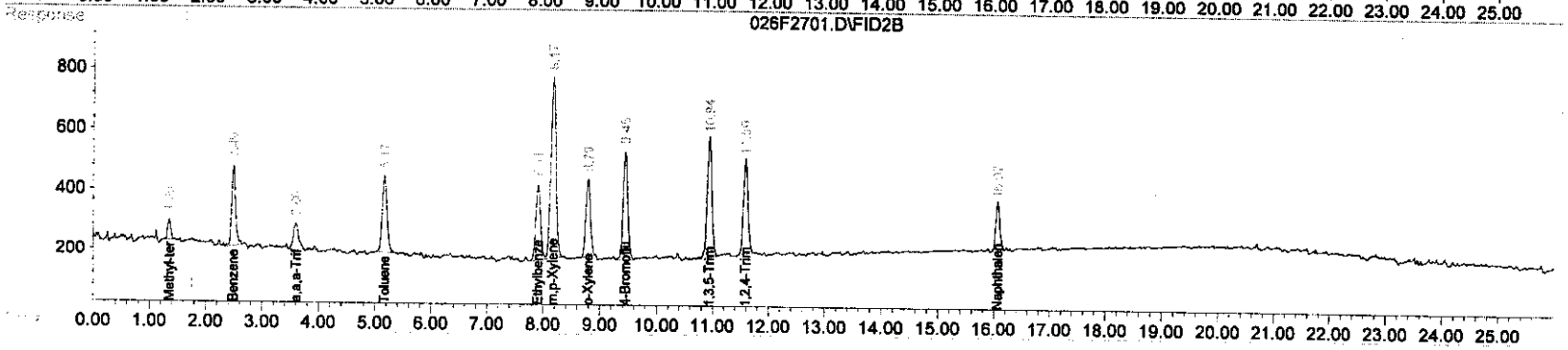
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\026F2701.D\FID1A.CH Vial: 26
Acq On 06-Jul-2005, 06:44:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\026F2701.D\FID2B.CH Vial: 26
Acq On : 06-Jul-05, 06:44:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:48 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\027F2801.D\FID1A.CH Vial: 27
Acq On : 06-Jul-2005, 07:16:35 Operator: RG
Sample : 1574-1811,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\027F2801.D\FID2B.CH Vial: 27
Acq On : 06-Jul-05, 07:16:35 Operator: RG
Sample : 1574-1811,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5720	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1364487	87.328 ug/L
S ed Amount 100.000		Recovery =	87.33%
11, S 4-Bromofluorobenzene	9.45	16938	84.497 ug/L
Spiked Amount 100.000		Recovery =	84.50%
Target Compounds			
1) H T M Gasoline	8.00	3120157	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

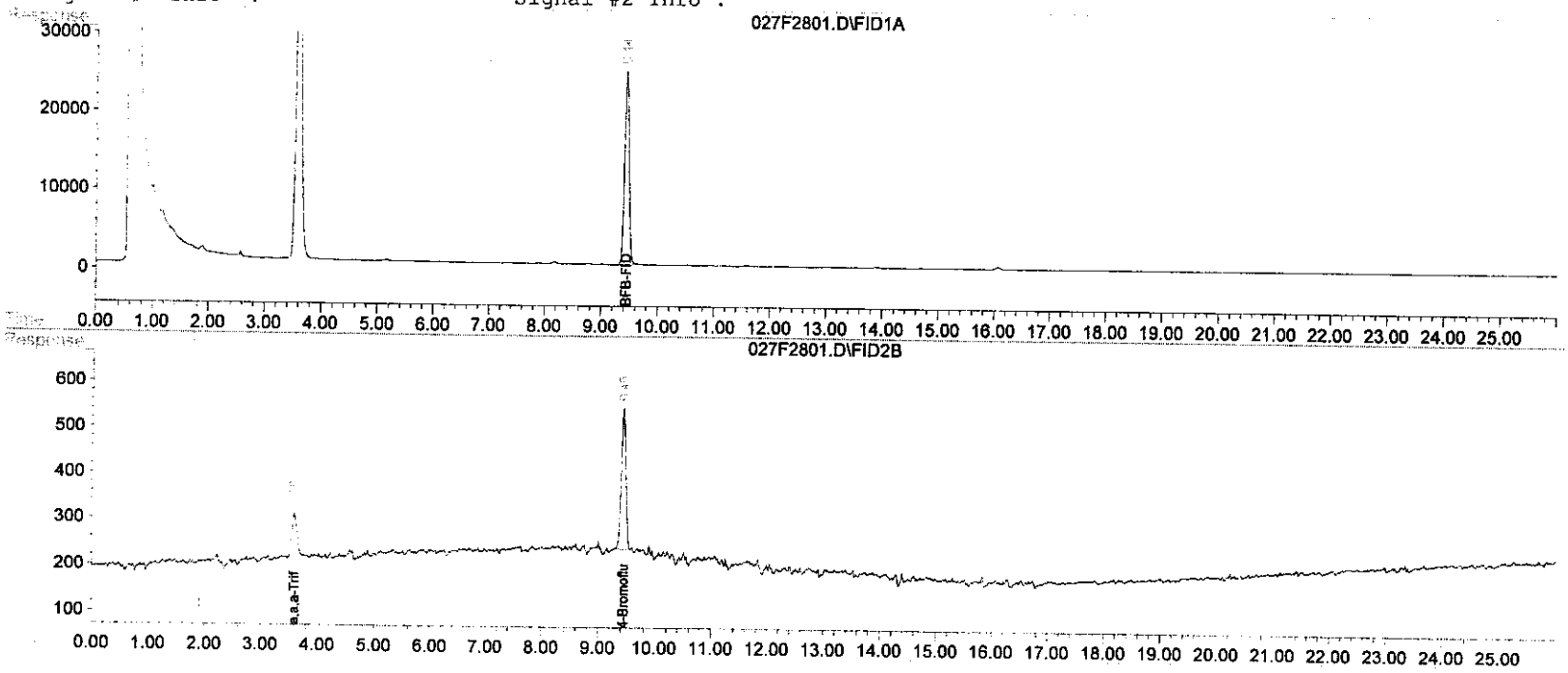
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\027F2801 `\FID1A.CH Vial: 27
Acq On 06-Jul-2005, 07:16:35 Operatc RG
Sample : 1574-1811,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\027F2801.D\FID2B.CH Vial: 27
Acq On : 06-Jul-05, 07:16:35 Operator: RG
Sample : 1574-1811,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 10:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\028F2901.D\FID1A.CH Vial: 28
Acq On : 06-Jul-2005, 07:49:06 Operator: RG
Sample : 1574-1811MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\028F2901.D\FID2B.CH Vial: 28
Acq On : 06-Jul-05, 07:49:06 Operator: RG
Sample : 1574-1811MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6431	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1355315	86.739 ug/L
S ed Amount 100.000		Recovery =	86.74%
1a, S 4-Bromofluorobenzene	9.45	16908	75.020 ug/L
Spiked Amount 100.000		Recovery =	75.02%
Target Compounds			
1) H T M Gasoline	8.00	31397471	1184.916 ug/L
5) T Methyl-tert-butyl ether	1.34	1622	30.995 ug/L
6) T M Benzene	2.48	6445	26.923 ug/L
7) T M Toluene	5.17	33218	103.586 ug/L
8) T M Ethylbenzene	7.91	7810	23.272 ug/L
9) T M m,p-Xylene	8.16	33157	79.353 ug/L
10) T M o-Xylene	8.79	10680	30.946 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8107	15.002 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19065	47.269 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

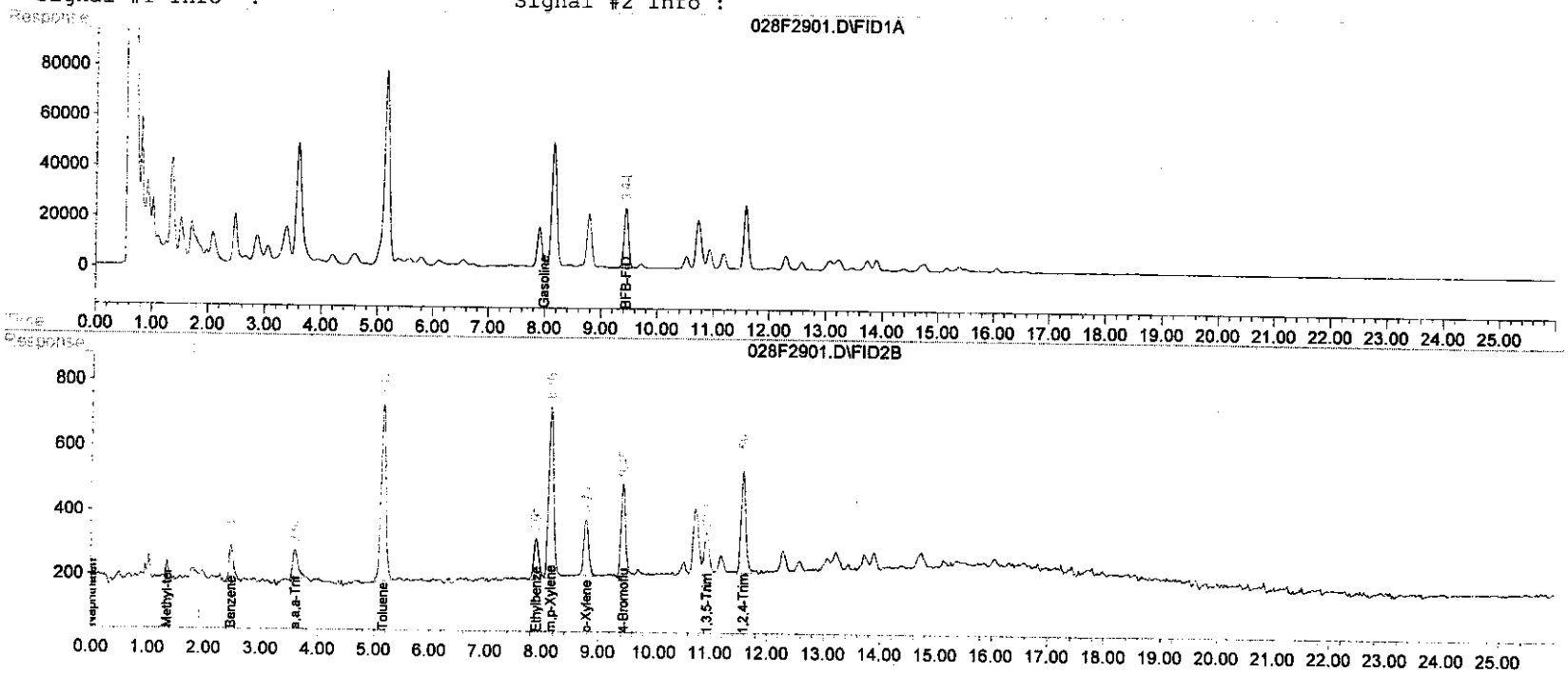
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\028F2901 ^\FID1A.CH Vial: 28
Acq On : 06-Jul-2005, 07:49:06 Operatc RG
Sample : 1574-1811MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\028F2901.D\FID2B.CH Vial: 28
Acq On : 06-Jul-05, 07:49:06 Operator: RG
Sample : 1574-1811MS,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\029F3001.D\FID1A.CH Vial: 29
Acq On : 06-Jul-2005, 08:21:24 Operator: RG
Sample : 1574-1811SD,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\029F3001.D\FID2B.CH Vial: 29
Acq On : 06-Jul-05, 08:21:24 Operator: RG
Sample : 1574-1811SD,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 11:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6656	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1401228	89.686 ug/L
Spiked Amount 100.000		Recovery =	89.69%
11) S 4-Bromofluorobenzene	9.45	16372	70.190 ug/L
Spiked Amount 100.000		Recovery =	70.19%
Target Compounds			
1) H T M Gasoline	8.00	30130575	1131.603 ug/L
5) T Methyl-tert-butyl ether	1.35	1959	36.258 ug/L
6) T M Benzene	2.48	6434	26.021 ug/L
7) T M Toluene	5.17	32144	96.790 ug/L
8) T M Ethylbenzene	7.91	8440	24.409 ug/L
9) T M m,p-Xylene	8.17	34615	80.068 ug/L
10) T M o-Xylene	8.79	11735	32.913 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8062	14.415 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18401	44.007 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

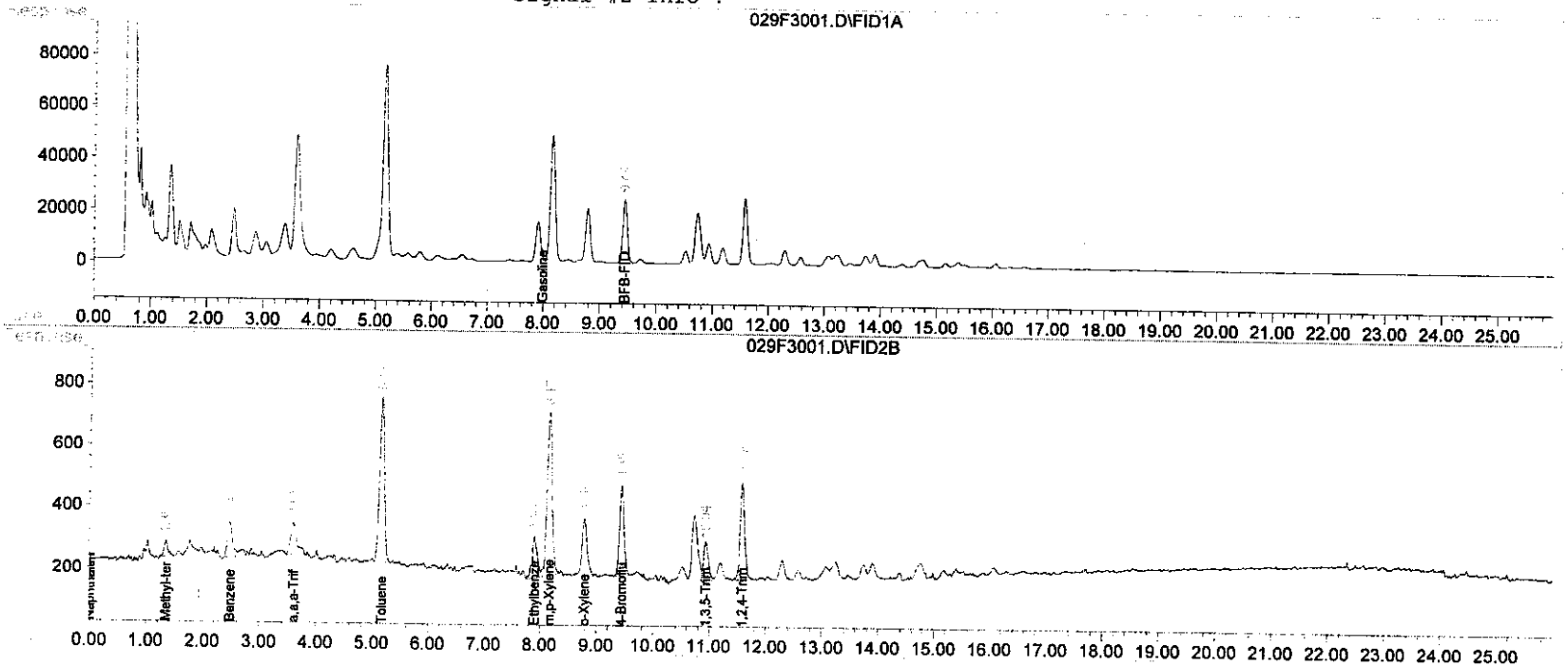
(f)=RT Delta > 1/2 Window (m)=manual int.
029F3001.D 0617ARCH.M Thu Jul 14 18:10:11 2005

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\029F3001 ~\FID1A.CH Vial: 29
Acq On : 06-Jul-2005, 08:21:24 Operatc RG
Sample : 1574-1811SD,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\029F3001.D\FID2B.CH Vial: 29
Acq On : 06-Jul-05, 08:21:24 Operator: RG
Sample : 1574-1811SD,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 11:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\034F3501.D\FID1A.CH Vial: 34
Acq On : 06-Jul-2005, 11:02:09 Operator: RG
Sample : 1579-0012,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\034F3501.D\FID2B.CH Vial: 34
Acq On : 06-Jul-05, 11:02:09 Operator: RG
Sample : 1579-0012,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 12:31 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

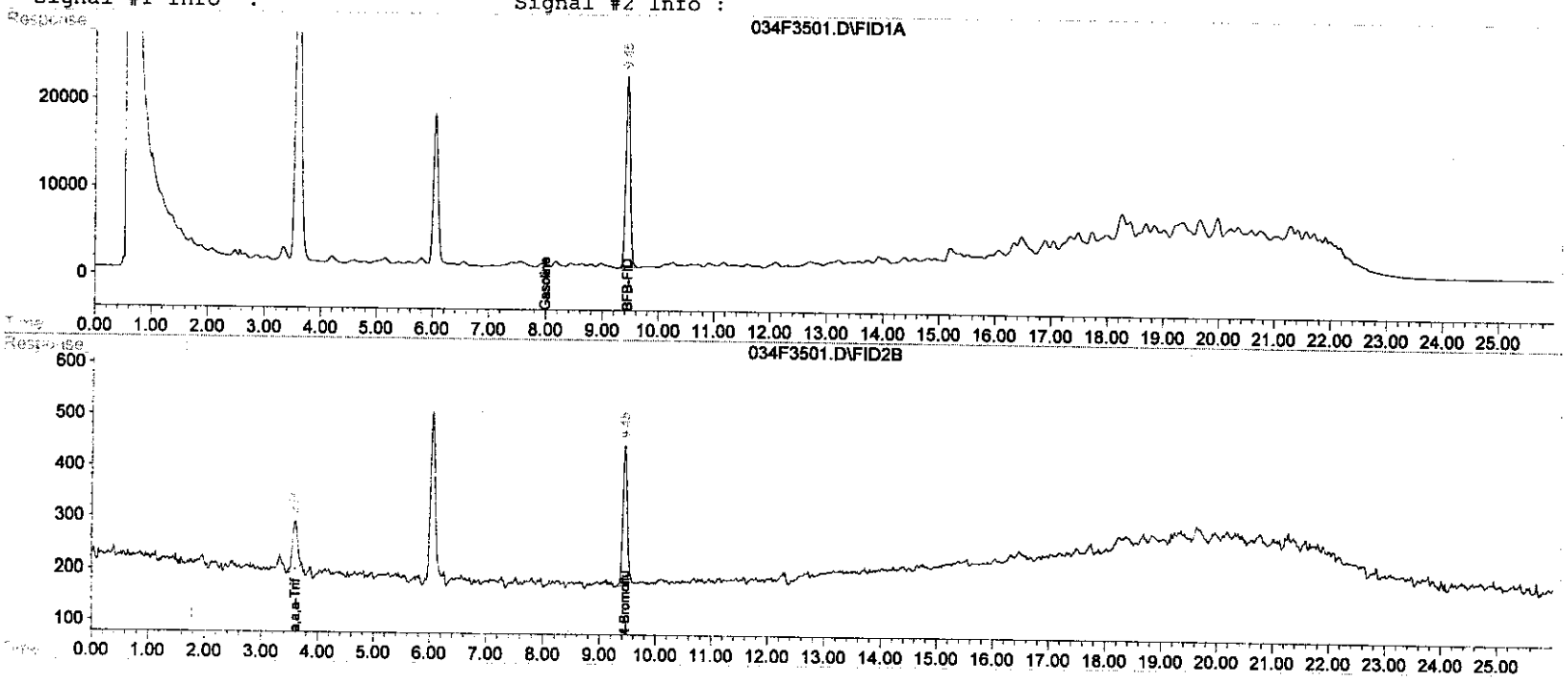
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5647	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1231454	78.787 ug/L
Spiked Amount 100.000		Recovery =	78.79%
1. S 4-Bromofluorobenzene	9.45	15058	76.086 ug/L
Spiked Amount 100.000		Recovery =	76.09%
Target Compounds			
1) H T M Gasoline	8.00	6154931	122.670 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\034F3501.D\FID1A.CH Vial: 34
Acq On : 06-Jul-2005, 11:02:09 Operat RG
Sample : 1579-0012,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\034F3501.D\FID2B.CH Vial: 34
Acq On : 06-Jul-05, 11:02:09 Operator: RG
Sample : 1579-0012,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 12:31 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\035F3601.D\FID1A.CH Vial: 35
Acq On : 06-Jul-2005, 11:33:59 Operator: RG
Sample : 1579-0013,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\035F3601.D\FID2B.CH Vial: 35
Acq On : 06-Jul-05, 11:33:59 Operator: RG
Sample : 1579-0013,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:42 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

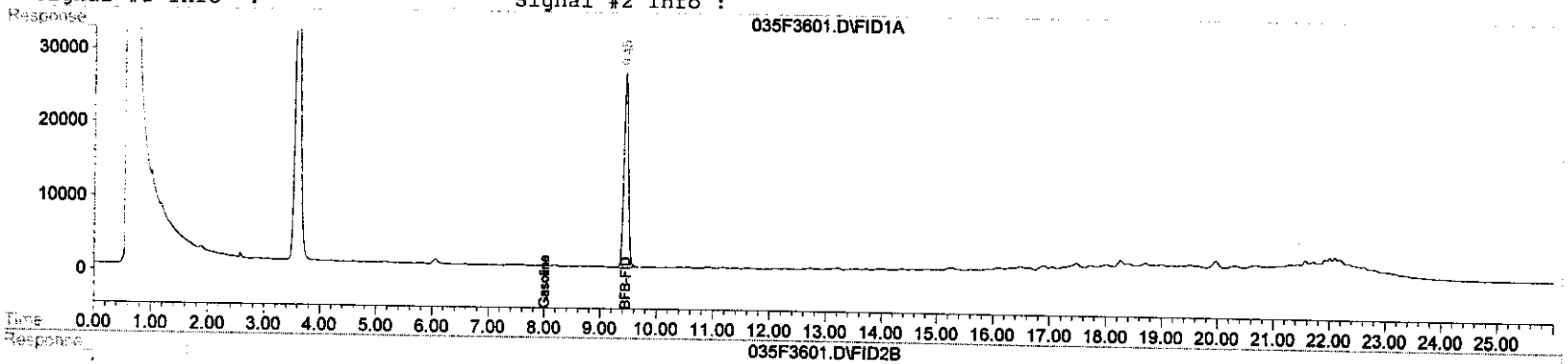
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6268	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1464005	93.716 ug/L
S ed Amount 100.000	Recovery =		93.72%
1. S 4-Bromofluorobenzene	9.45	17349	78.977 ug/L
Spiked Amount 100.000	Recovery =		78.98%
Target Compounds			
1) H T M Gasoline	8.00	3473643	9.838 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

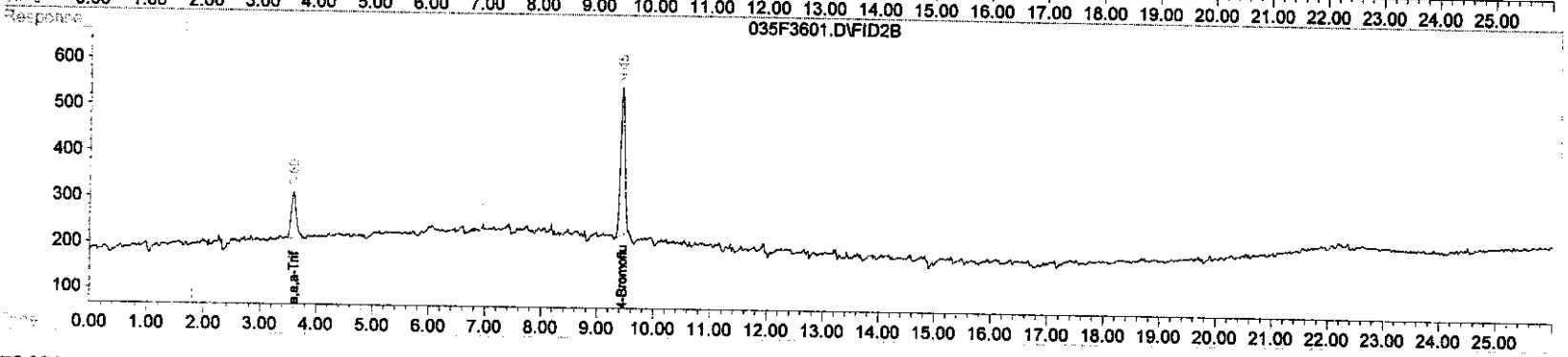
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\035F3601.D\FID1A.CH Vial: 35
Acq On : 06-Jul-2005, 11:33:59 Operat : RG
Sample : 1579-0013,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\035F3601.D\FID2B.CH Vial: 35
Acq On : 06-Jul-05, 11:33:59 Operator: RG
Sample : 1579-0013,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:42 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\036F3701.D\FID1A.CH Vial: 36
Acq On : 06-Jul-2005, 12:05:50 Operator: RG
Sample : 1579-0014,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\036F3701.D\FID2B.CH Vial: 36
Acq On : 06-Jul-05, 12:05:50 Operator: RG
Sample : 1579-0014,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:44 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: .5X
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6353	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	228359	14.392 ug/L
Spiked Amount 100.000		Recovery =	14.39%
1. S 4-Bromofluorobenzene	9.45	3104	13.939 ug/L
Spiked Amount 100.000		Recovery =	13.94%
Target Compounds			
1) H T M Gasoline	8.00	2996711	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

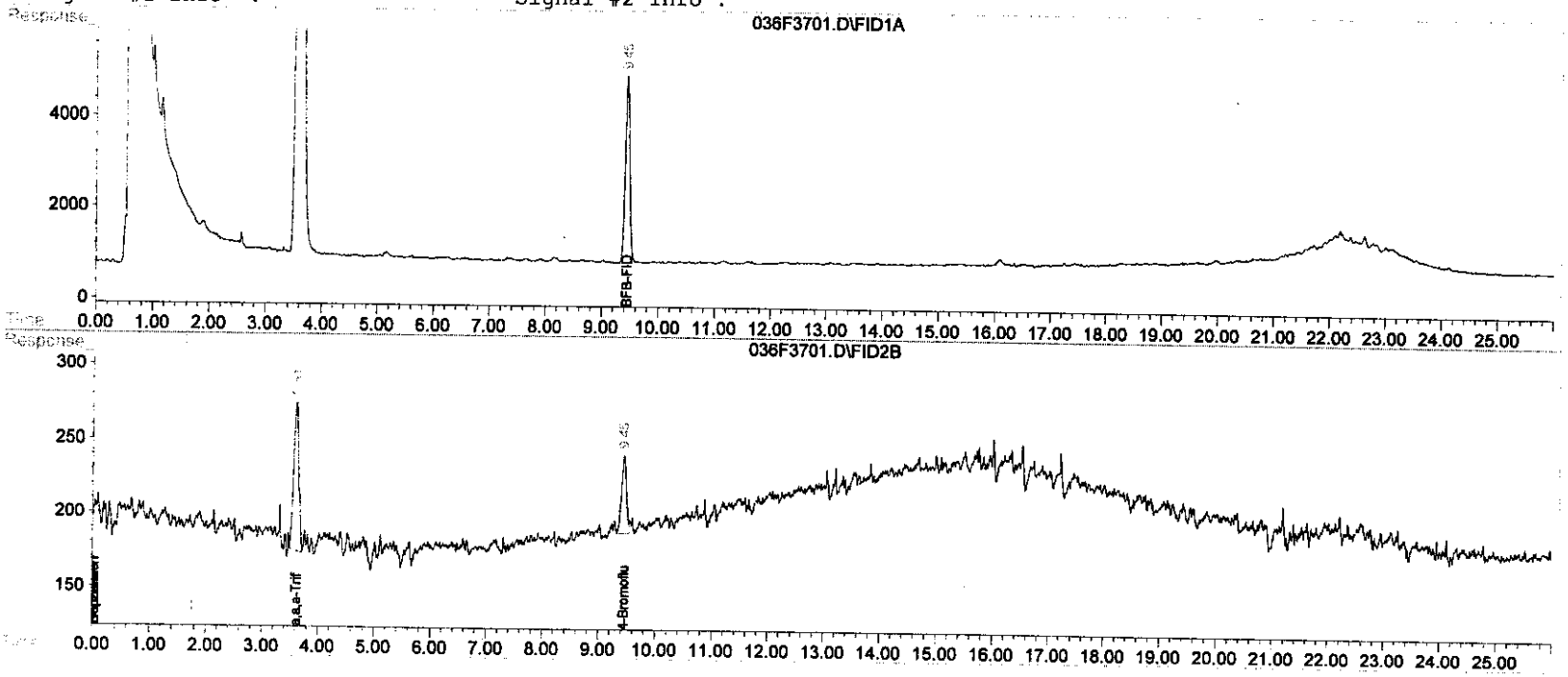
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\036F370' ⁻\FID1A.CH Vial: 36
Acq On 06-Jul-2005, 12:05:50 Operat. RG
Sample : 1579-0014,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\036F3701.D\FID2B.CH Vial: 36
Acq On : 06-Jul-05, 12:05:50 Operator: RG
Sample : 1579-0014,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:44 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\037F3801.D\FID1A.CH Vial: 37
Acq On : 06-Jul-2005, 12:38:17 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\037F3801.D\FID2B.CH Vial: 37
Acq On : 06-Jul-05, 12:38:17 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:42 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6718	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1653136	105.858 ug/L
Spiked Amount 100.000		Recovery =	105.86%
1 S 4-Bromofluorobenzene	9.45	22309	94.759 ug/L
Spiked Amount 100.000		Recovery =	94.76%
Target Compounds			
1) H T M Gasoline	8.00	24383941	889.775 ug/L
5) T Methyl-tert-butyl ether	1.35	1092	19.808 ug/L
6) T M Benzene	2.49	4833	19.741 ug/L
7) T M Toluene	5.17	23651	70.289 ug/L
8) T M Ethylbenzene	7.92	5978	16.391 ug/L
9) T M m,p-Xylene	8.17	23018	51.876 ug/L
10) T M o-Xylene	8.80	7860	21.522 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	6433	11.396 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	13247	31.064 ug/L
14) T Naphthalene	16.07	1635	10.805 ug/L

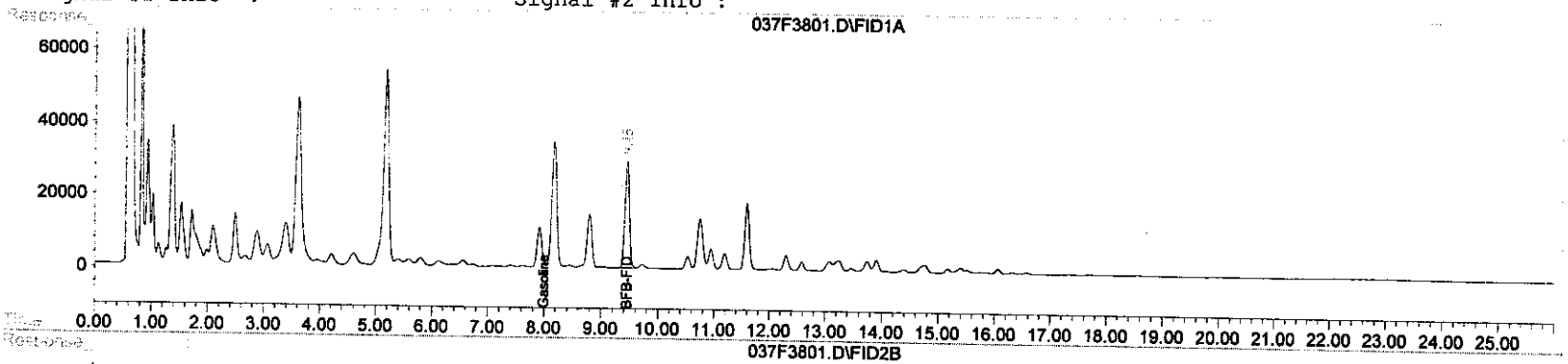
(f)=RT Delta > 1/2 Window (m)=manual int.

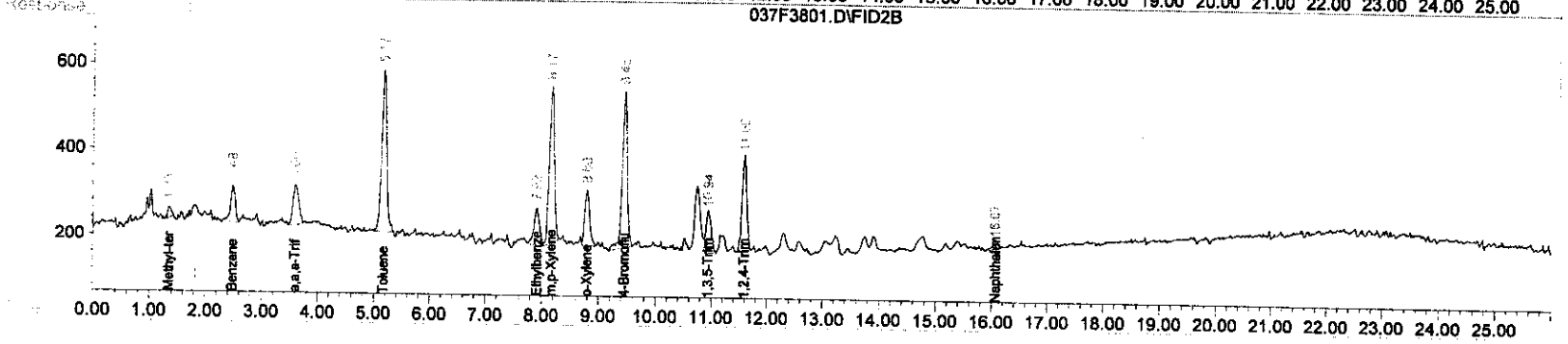
Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\037F380' ?\FID1A.CH Vial: 37
Acq On 06-Jul-2005, 12:38:17 Operat. RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\037F3801.D\FID2B.CH Vial: 37
Acq On : 06-Jul-05, 12:38:17 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:42 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\038F3901.D\FID1A.CH Vial: 38
Acq On : 06-Jul-2005, 13:10:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\038F3901.D\FID2B.CH Vial: 38
Acq On : 06-Jul-05, 13:10:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:46 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5628	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1622548	103.894 ug/L
Spiked Amount 100.000		Recovery =	103.89%
1) S 4-Bromofluorobenzene	9.45	20288	102.855 ug/L
Spiked Amount 100.000		Recovery =	102.86%
Target Compounds			
1) H T M Gasoline	8.00	18778920	653.907 ug/L
5) T Methyl-tert-butyl ether	1.35	2462	54.142 ug/L
6) T M Benzene	2.49	11201	52.010 ug/L
7) T M Toluene	5.17	15855	56.039 ug/L m
8) T M Ethylbenzene	7.91	14732	53.016 ug/L
9) T M m,p-Xylene	8.17	39503	108.950 ug/L
10) T M o-Xylene	8.79	16172	54.231 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25645	54.222 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19587	55.686 ug/L
14) T Naphthalene	16.07	11698	62.901 ug/L

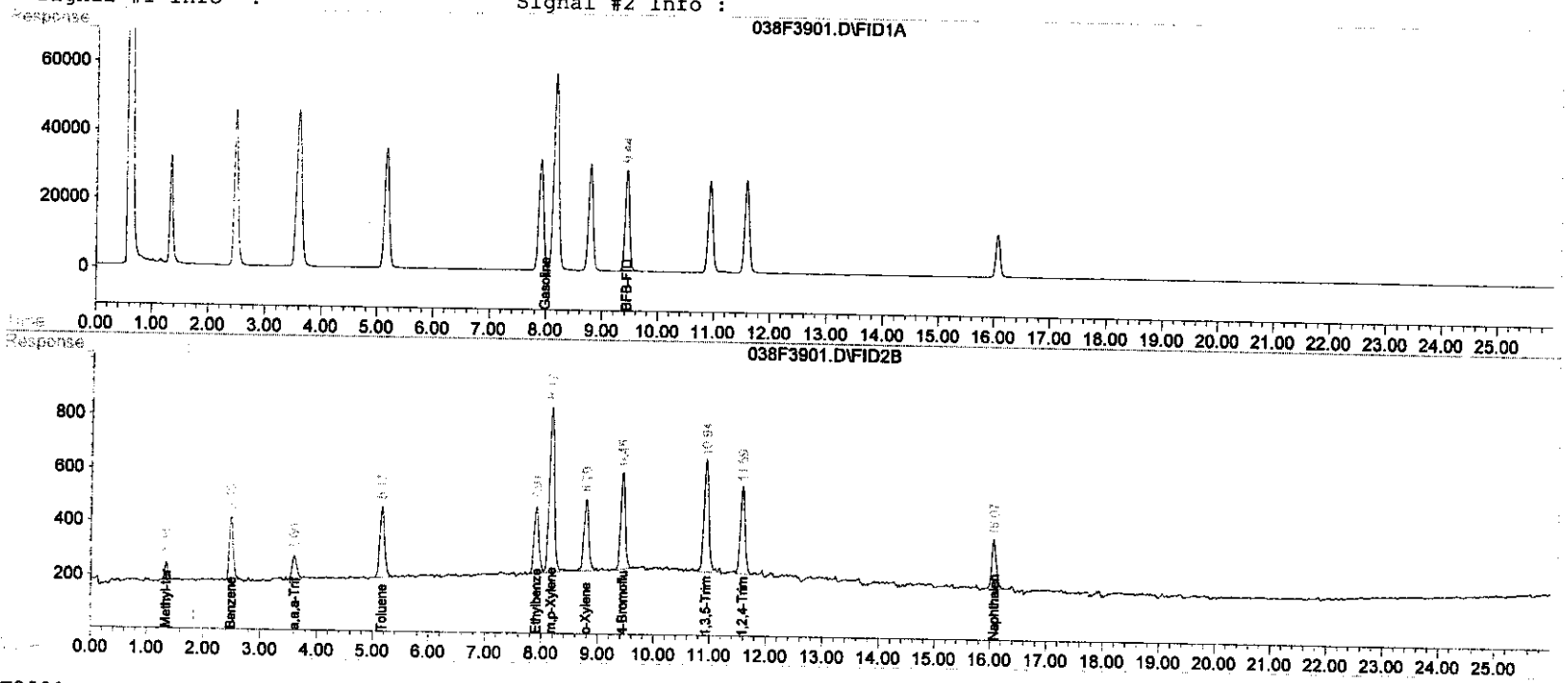
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\038F3901 D\FID1A.CH Vial: 38
Acq On 06-Jul-2005, 13:10:39 Operat RG
Sample . BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\038F3901.D\FID2B.CH Vial: 38
Acq On : 06-Jul-05, 13:10:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 14:46 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\039F4001.D\FID1A.CH Vial: 39
Acq On : 06-Jul-2005, 13:43:32 Operator: RG
Sample : 1579-0015,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\039F4001.D\FID2B.CH Vial: 39
Acq On : 06-Jul-05, 13:43:32 Operator: RG
Sample : 1579-0015,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:03 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

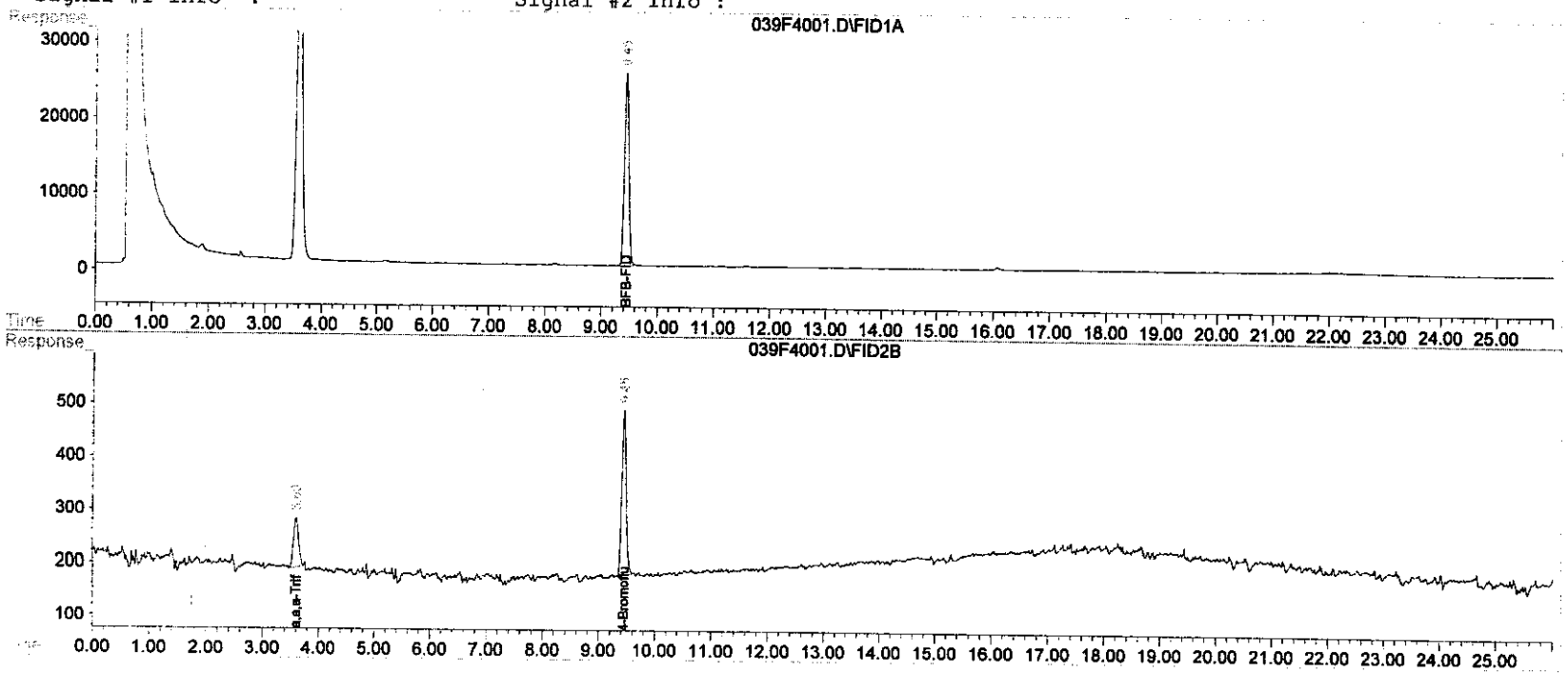
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5760	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1402610	89.775 ug/L
Spiked Amount 100.000		Recovery =	89.78%
1) S 4-Bromofluorobenzene	9.45	17493	86.649 ug/L
Spiked Amount 100.000		Recovery =	86.65%
Target Compounds			
1) H T M Gasoline	8.00	3116848	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\039F4001.D\FID1A.CH Vial: 39
Acq On : 06-Jul-2005, 13:43:32 Operat : RG
Sample : 1579-0015,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\039F4001.D\FID2B.CH Vial: 39
Acq On : 06-Jul-05, 13:43:32 Operator: RG
Sample : 1579-0015,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:03 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\041F4201.D\FID1A.CH Vial: 41
Acq On : 06-Jul-2005, 14:47:25 Operator: RG
Sample : 1579-0017,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\041F4201.D\FID2B.CH Vial: 41
Acq On : 06-Jul-05, 14:47:25 Operator: RG
Sample : 1579-0017,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5964	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1438602	92.085 ug/L
Spiked Amount 100.000		Recovery =	92.08%
1. S 4-Bromofluorobenzene	9.45	17606	84.239 ug/L
Spiked Amount 100.000		Recovery =	84.24%
Target Compounds			
1) H T M Gasoline	8.00	3099896	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

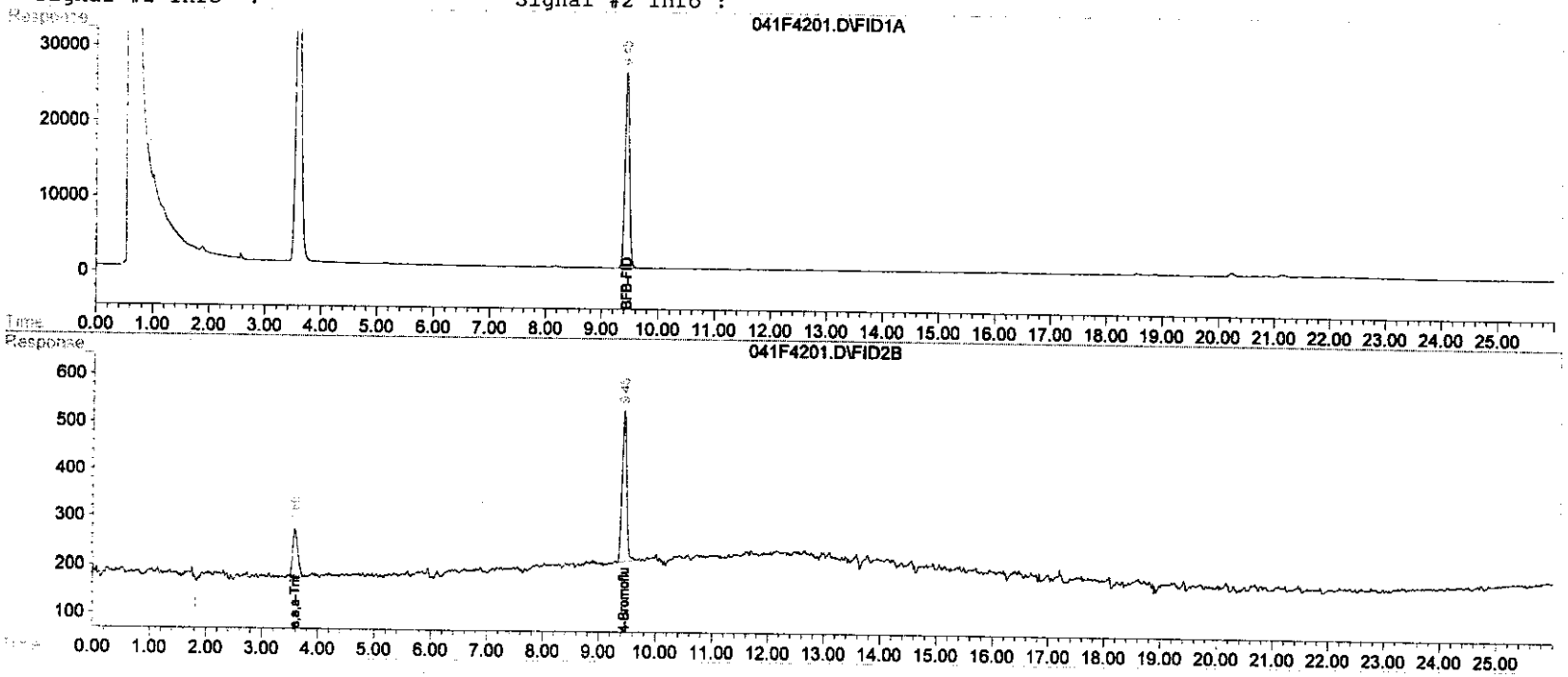
(f)=RT Delta > 1/2 Window (m)=manual int.

Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\041F4201 \FID1A.CH Vial: 41
Acq On 06-Jul-2005, 14:47:25 Operatc RG
Sample : 1579-0017,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\041F4201.D\FID2B.CH Vial: 41
Acq On : 06-Jul-05, 14:47:25 Operator: RG
Sample : 1579-0017,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\042F4301.D\FID1A.CH Vial: 42
Acq On : 06-Jul-2005, 15:19:47 Operator: RG
Sample : 1579-0018,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\042F4301.D\FID2B.CH Vial: 42
Acq On : 06-Jul-05, 15:19:47 Operator: RG
Sample : 1579-0018,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6416	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1417477	90.729 ug/L
Spiked Amount 100.000		Recovery =	90.73%
11) S 4-Bromofluorobenzene	9.45	17588	78.221 ug/L
Spiked Amount 100.000		Recovery =	78.22%
Target Compounds			
1) H T M Gasoline	8.00	3072995	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

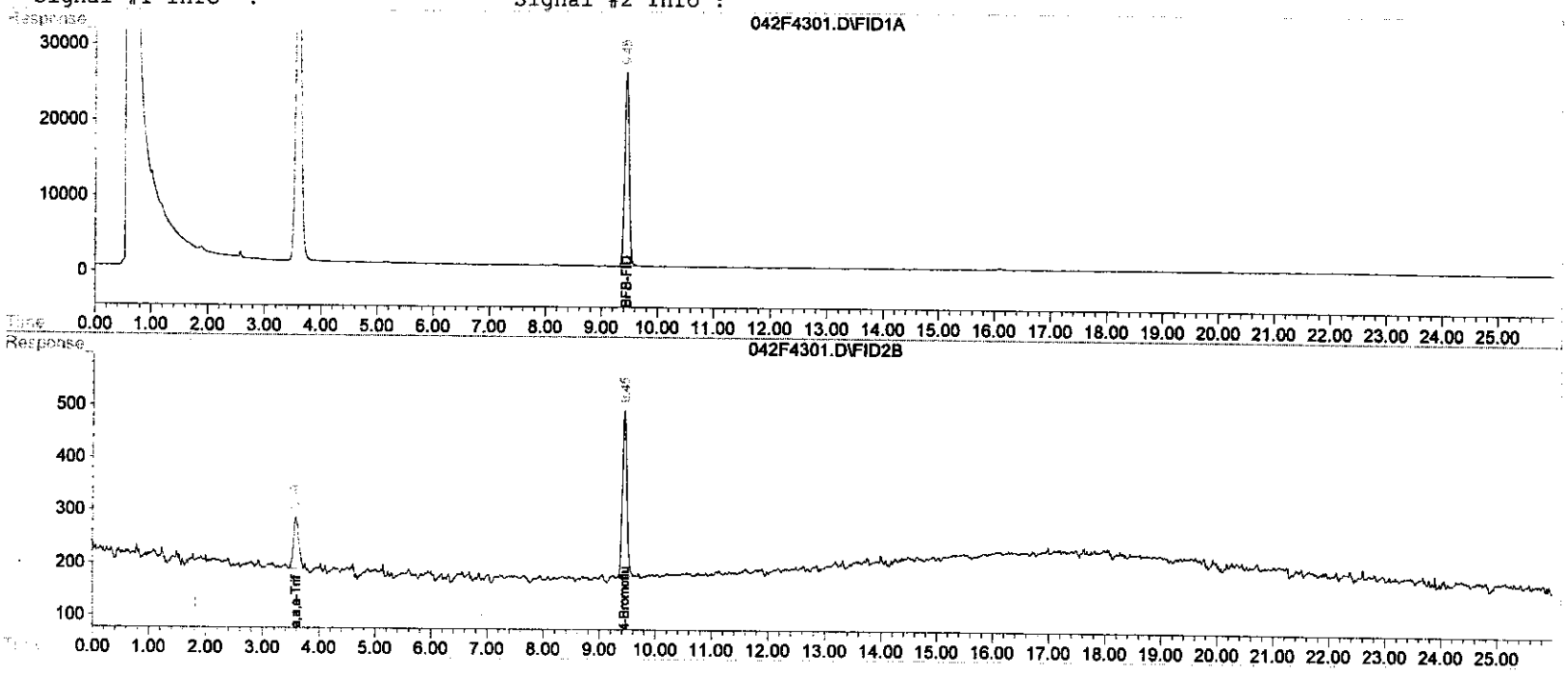
(f)=RT Delta > 1/2 Window (m)=manual int.
042F4301.D 0617ARCH.M Thu Jul 14 17:03:48 2005

```
Data File   O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\042F4301 `\FID1A.CH Vial: 42
Acq On      06-Jul-2005, 15:19:47                    Operatc   RG
Sample    : 1579-0018,1,,                            Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\042F4301.D\FID2B.CH Vial: 42
Acq On    : 06-Jul-05, 15:19:47                      Operator: RG
Sample    : 1579-0018,1,,                            Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  6 20:04 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\043F4401.D\FID1A.CH Vial: 43
Acq On : 06-Jul-2005, 15:51:53 Operator: RG
Sample : 1579-0019,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\043F4401.D\FID2B.CH Vial: 43
Acq On : 06-Jul-05, 15:51:53 Operator: RG
Sample : 1579-0019,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6422	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1315300	84.170 ug/L
Spiked Amount 100.000		Recovery =	84.17%
1. S 4-Bromofluorobenzene	9.46	17440	77.488 ug/L
Spiked Amount 100.000		Recovery =	77.49%
Target Compounds			
1) H T M Gasoline	8.00	3077821	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

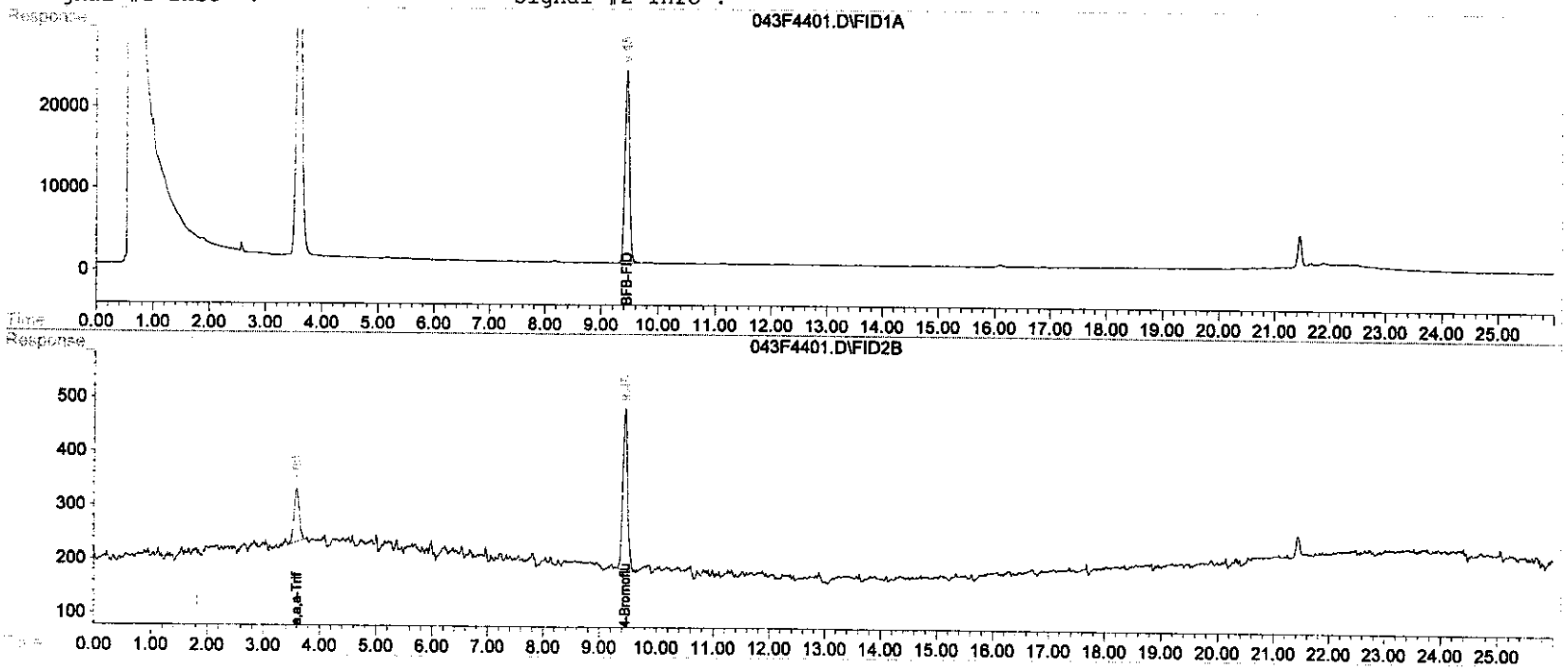
(f)=RT Delta > 1/2 Window (m)=manual int.

```
Data File   O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\043F4401 ~\FID1A.CH Vial: 43
Acq On      06-Jul-2005, 15:51:53                    Operatc   RG
Sample    : 1579-0019,1,,                            Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\043F4401.D\FID2B.CH Vial: 43
Acq On    : 06-Jul-05, 15:51:53                      Operator: RG
Sample    : 1579-0019,1,,                            Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  6 20:04 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\044F4501.D\FID1A.CH Vial: 44
Acq On : 06-Jul-2005, 16:24:13 Operator: RG
Sample : 1579-0020,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\044F4501.D\FID2B.CH Vial: 44
Acq On : 06-Jul-05, 16:24:13 Operator: RG
Sample : 1579-0020,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5508	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1375177	88.014 ug/L
Spiked Amount 100.000		Recovery =	88.01%
1) S 4-Bromofluorobenzene	9.45	16443	85.186 ug/L
Spiked Amount 100.000		Recovery =	85.19%
Target Compounds			
1) H T M Gasoline	8.00	3080864	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

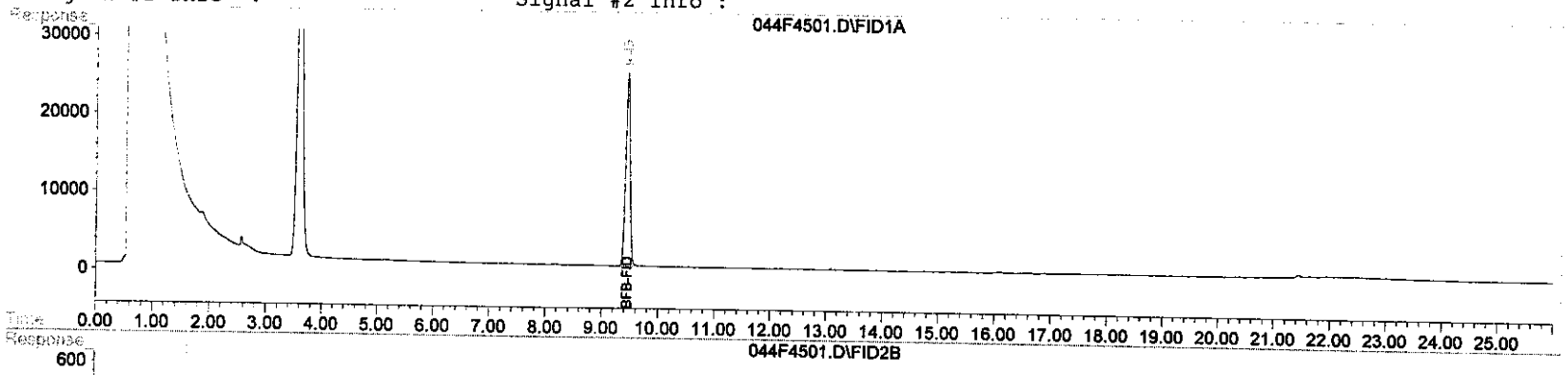
(f)=RT Delta > 1/2 Window (m)=manual int.

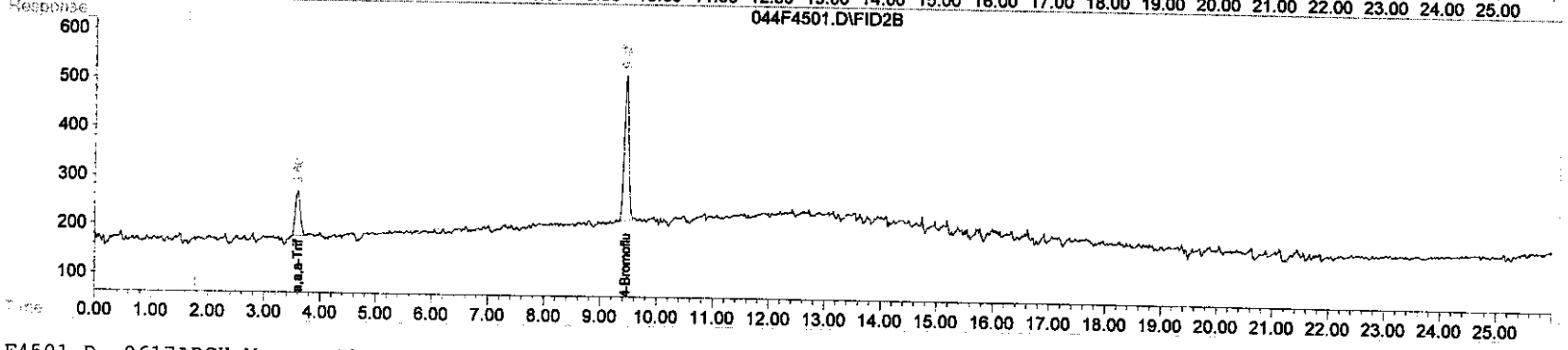
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\044F4501.D\FID1A.CH Vial: 44
Acq On : 06-Jul-2005, 16:24:13 Operat : RG
Sample : 1579-0020,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\044F4501.D\FID2B.CH Vial: 44
Acq On : 06-Jul-05, 16:24:13 Operator: RG
Sample : 1579-0020,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\046F4701.D\FID1A.CH Vial: 46
Acq On : 06-Jul-2005, 17:28:07 Operator: RG
Sample : 1579-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\046F4701.D\FID2B.CH Vial: 46
Acq On : 06-Jul-05, 17:28:07 Operator: RG
Sample : 1579-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

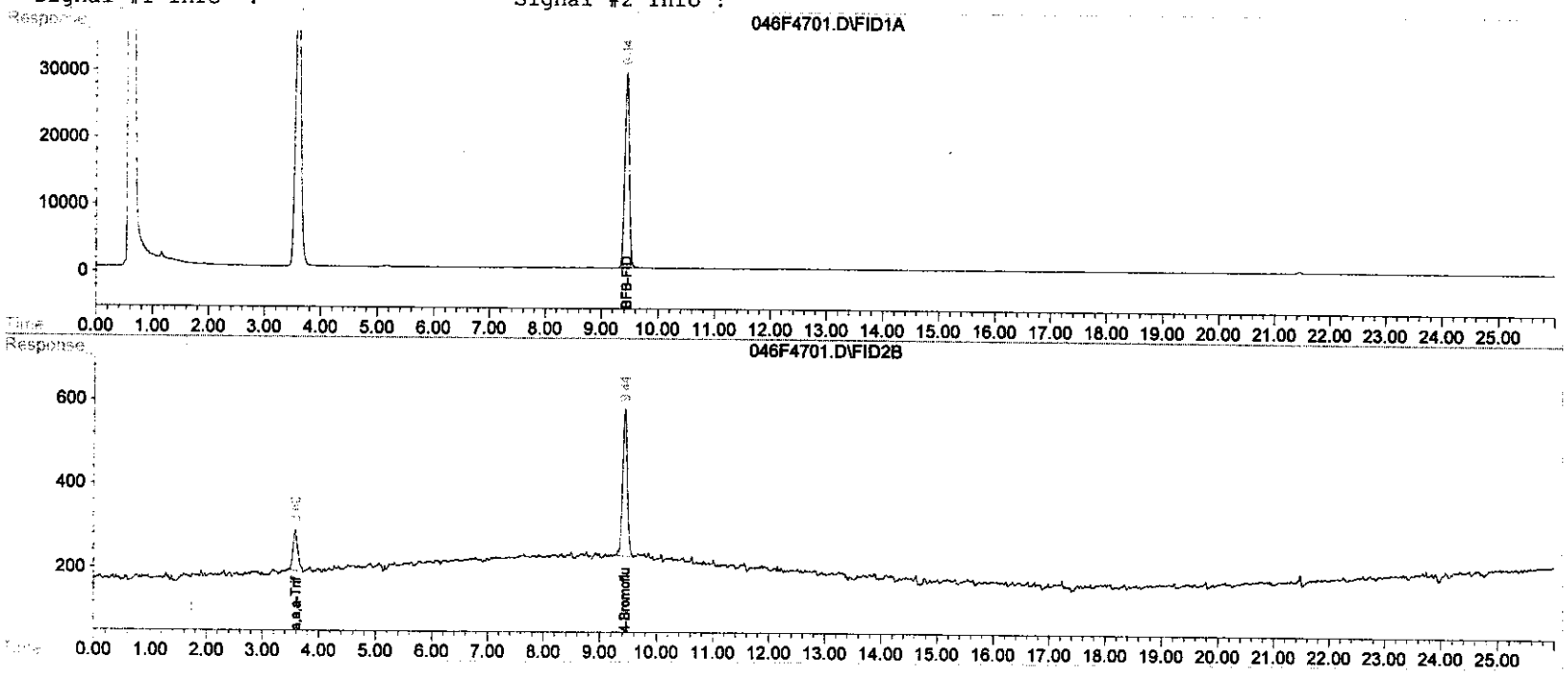
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5653	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1619087	103.672 ug/L
S ed Amount 100.000		Recovery =	103.67%
1. S 4-Bromofluorobenzene	9.45	19815	100.023 ug/L
Spiked Amount 100.000		Recovery =	100.02%
Target Compounds			
1) H T M Gasoline	8.00	2932378	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\046F4701.D\FID1A.CH Vial: 46
Acq On : 06-Jul-2005, 17:28:07 Operat : RG
Sample : 1579-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\046F4701.D\FID2B.CH Vial: 46
Acq On : 06-Jul-05, 17:28:07 Operator: RG
Sample : 1579-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\047F4801.D\FID1A.CH Vial: 47
Acq On : 06-Jul-2005, 18:00:45 Operator: RG
Sample : 1579-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\047F4801.D\FID2B.CH Vial: 47
Acq On : 06-Jul-05, 18:00:45 Operator: RG
Sample : 1579-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

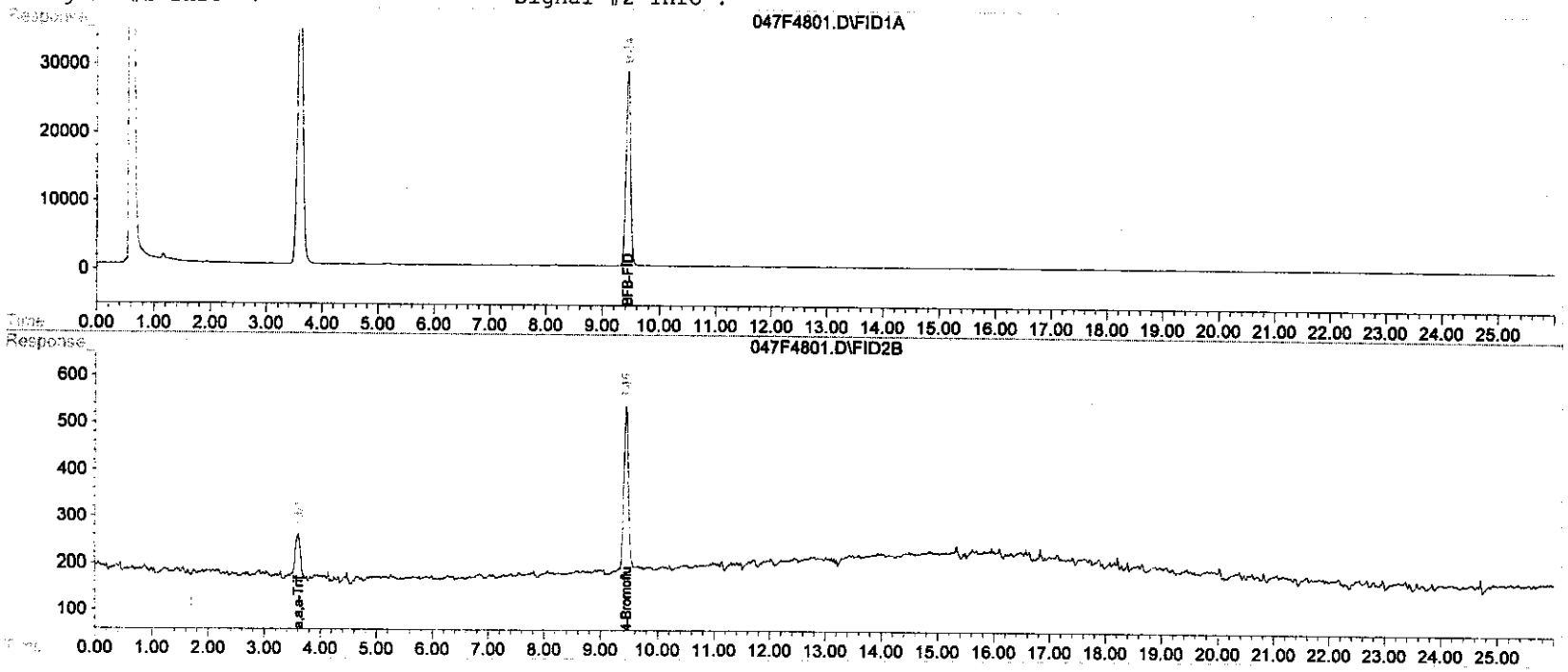
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5998	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1590166	101.815 ug/L
Spiked Amount 100.000		Recovery =	101.82%
1 S 4-Bromofluorobenzene	9.45	18905	89.937 ug/L
Spiked Amount 100.000		Recovery =	89.94%
Target Compounds			
1) H T M Gasoline	8.00	2883674	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\047F4801.D\FID1A.CH Vial: 47
Acq On 06-Jul-2005, 18:00:45 Operat RG
Sample : 1579-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\047F4801.D\FID2B.CH Vial: 47
Acq On : 06-Jul-05, 18:00:45 Operator: RG
Sample : 1579-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\048F4901.D\FID1A.CH Vial: 48
Acq On : 06-Jul-2005, 18:33:05 Operator: RG
Sample : 1579-0024,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\048F4901.D\FID2B.CH Vial: 48
Acq On : 06-Jul-05, 18:33:05 Operator: RG
Sample : 1579-0024,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

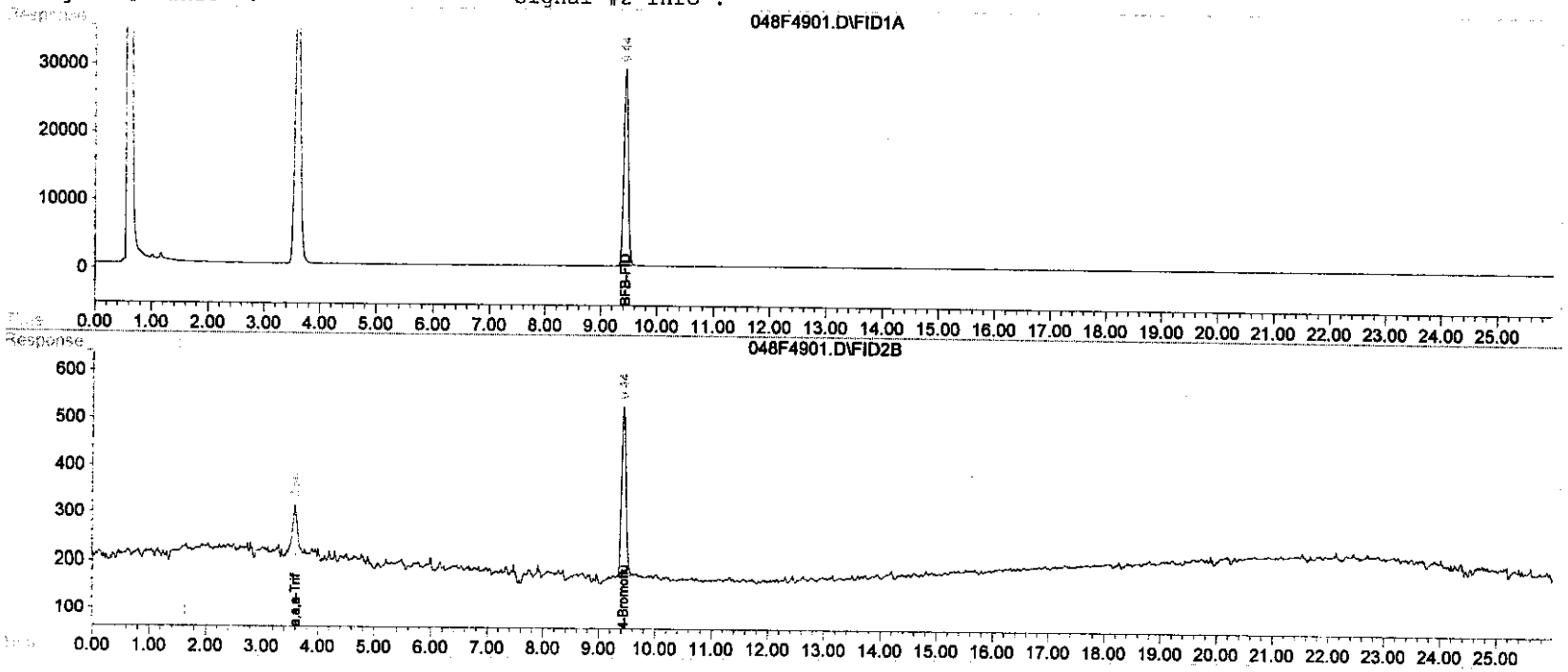
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6336	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1595298	102.145 ug/L
Spiked Amount 100.000		Recovery =	102.15%
1 S 4-Bromofluorobenzene	9.45	19532	87.962 ug/L
Spiked Amount 100.000		Recovery =	87.96%
Target Compounds			
1) H T M Gasoline	8.00	2881519	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\048F4901 D\FID1A.CH Vial: 48
Acq On 06-Jul-2005, 18:33:05 Operat RG
Sample : 1579-0024,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\048F4901.D\FID2B.CH Vial: 48
Acq On : 06-Jul-05, 18:33:05 Operator: RG
Sample : 1579-0024,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 6 20:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\049F5001.D\FID1A.CH Vial: 49
Acq On : 06-Jul-2005, 19:04:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\049F5001.D\FID2B.CH Vial: 49
Acq On : 06-Jul-05, 19:04:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

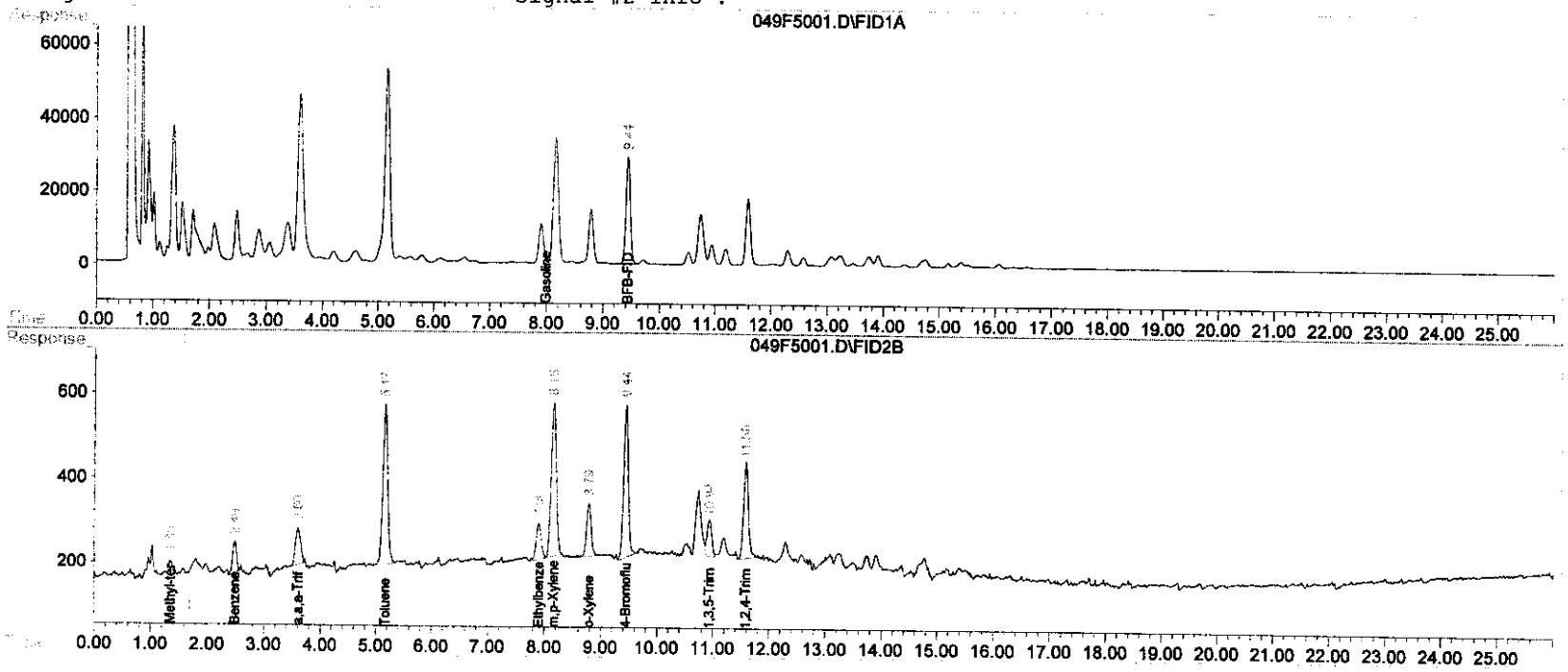
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5394	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1629100	104.315 ug/L
Spiked Amount 100.000		Recovery =	104.32%
1 S 4-Bromofluorobenzene	9.45	20792	109.996 ug/L
Spiked Amount 100.000		Recovery =	110.00%
Target Compounds			
1) H T M Gasoline	8.00	23725679	862.075 ug/L
5) T Methyl-tert-butyl ether	1.35	607	13.555 ug/L
6) T M Benzene	2.49	3652	18.666 ug/L
7) T M Toluene	5.17	23324	86.558 ug/L
8) T M Ethylbenzene	7.90	5150	17.764 ug/L
9) T M m,p-Xylene	8.17	22440	63.537 ug/L
10) T M o-Xylene	8.79	7483	25.696 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5351	11.806 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13785	40.596 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\049F5001.D\FID1A.CH Vial: 49
Acq On 06-Jul-2005, 19:04:39 Operat RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\049F5001.D\FID2B.CH Vial: 49
Acq On : 06-Jul-05, 19:04:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\050F5101.D\FID1A.CH Vial: 50
Acq On : 06-Jul-2005, 19:37:27 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\050F5101.D\FID2B.CH Vial: 50
Acq On : 06-Jul-05, 19:37:27 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:18 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : Signal #2 Phase:
Signal #1 Phase : Signal #2 Info :
Signal #1 Info :

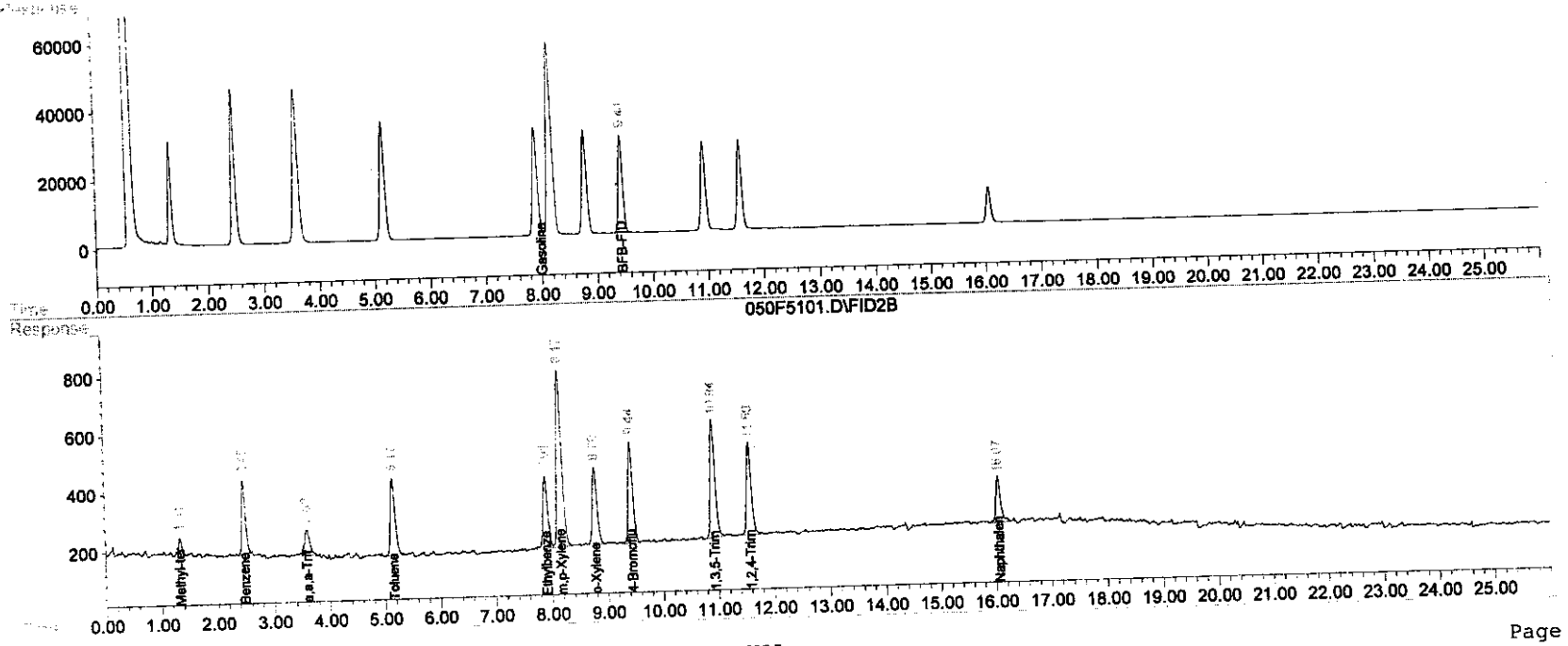
Compound		R.T.	Response	Conc Units
Internal Standards				
4) I a,a,a-Trifluorotoluene	IS	3.60	5587	100.000 ug/L m
System Monitoring Compounds				
2) S BFB-FID		9.44	1602807	102.627 ug/L
Spiked Amount 100.000		Recovery	=	102.63%
1[illegible] S 4-Bromofluorobenzene		9.44	20113	102.717 ug/L
Spiked Amount 100.000		Recovery	=	102.72%
Target Compounds				
1) H T M Gasoline		8.00	19191601	671.274 ug/L
5) T Methyl-tert-butyl ether		1.34	2370	52.482 ug/L
6) T M Benzene		2.49	11762	54.933 ug/L
7) T M Toluene		5.17	15915	56.679 ug/L
8) T M Ethylbenzene		7.91	15052	54.641 ug/L
9) T M m,p-Xylene		8.17	38862	107.949 ug/L
10) T M o-Xylene		8.79	15747	53.179 ug/L
12) T 1,3,5-Trimethylbenzene		10.94	24391	51.952 ug/L
13) T 1,2,4-Trimethylbenzene		11.59	19069	54.593 ug/L
14) T Naphthalene		16.07	10211	55.782 ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\050F5101.D\FID1A.CH Vial: 50
Acq On : 06-Jul-2005, 19:37:27 Operat RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\050F5101.D\FID2B.CH Vial: 50
Acq On : 06-Jul-05, 19:37:27 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:18 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : Signal #2 Phase:
Signal #1 Phase : Signal #2 Info :
Signal #1 Info :



050F5101.D 0617ARCH.M Thu Jul 14 17:04:25 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\059F6101.D\FID1A.CH Vial: 59
Acq On : 07-Jul-2005, 00:57:58 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\059F6101.D\FID2B.CH Vial: 59
Acq On : 07-Jul-05, 00:57:58 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : Signal #2 Phase:
Signal #1 Phase : Signal #2 Info :
Signal #1 Info :

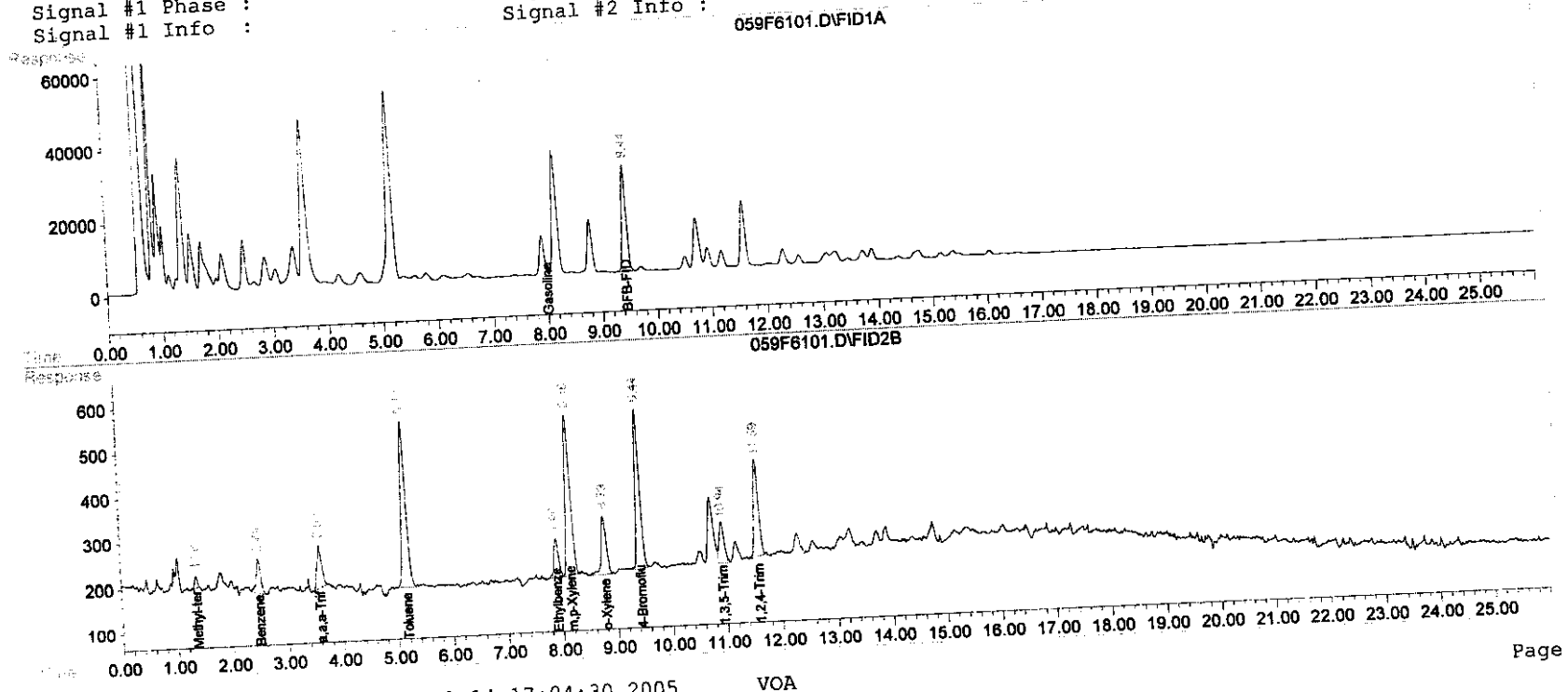
Compound		R.T.	Response	Conc Units
Internal Standards				
4) I a,a,a-Trifluorotoluene	IS	3.59	5548	100.000 ug/L
System Monitoring Compounds				
2) S BFB-FID		9.44	1623533	103.957 ug/L
Spiked Amount 100.000			Recovery =	103.96%
1) S 4-Bromofluorobenzene		9.45	19985	102.788 ug/L
Spiked Amount 100.000			Recovery =	102.79%
Target Compounds				
1) H T M Gasoline		8.00	23691219	860.625 ug/L
5) T Methyl-tert-butyl ether		1.36	858	18.819 ug/L
6) T M Benzene		2.49	4329	21.287 ug/L
7) T M Toluene		5.17	22291	80.355 ug/L
8) T M Ethylbenzene		7.91	4955	16.459 ug/L
9) T M m,p-Xylene		8.16	22299	61.296 ug/L
10) T M o-Xylene		8.79	8418	28.193 ug/L
12) T 1,3,5-Trimethylbenzene		10.94	5893	12.640 ug/L
13) T 1,2,4-Trimethylbenzene		11.59	12503	35.664 ug/L
14) T Naphthalene		0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\059F6101.D\FID1A.CH Vial: 59
Acq On : 07-Jul-2005, 00:57:58 Operat : RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\059F6101.D\FID2B.CH Vial: 59
Acq On : 07-Jul-05, 00:57:58 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : Signal #2 Phase:
Signal #1 Phase : Signal #2 Info :
Signal #1 Info :



059F6101.D 0617ARCH.M Thu Jul 14 17:04:30 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\060F6201.D\FID1A.CH Vial: 60
Acq On : 07-Jul-2005, 01:30:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\060F6201.D\FID2B.CH Vial: 60
Acq On : 07-Jul-05, 01:30:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DetAcq Meth : 2GROBTEX.M

Volume Inj. : Signal #2 Phase:
Signal #1 Phase : Signal #2 Info :
Signal #1 Info :

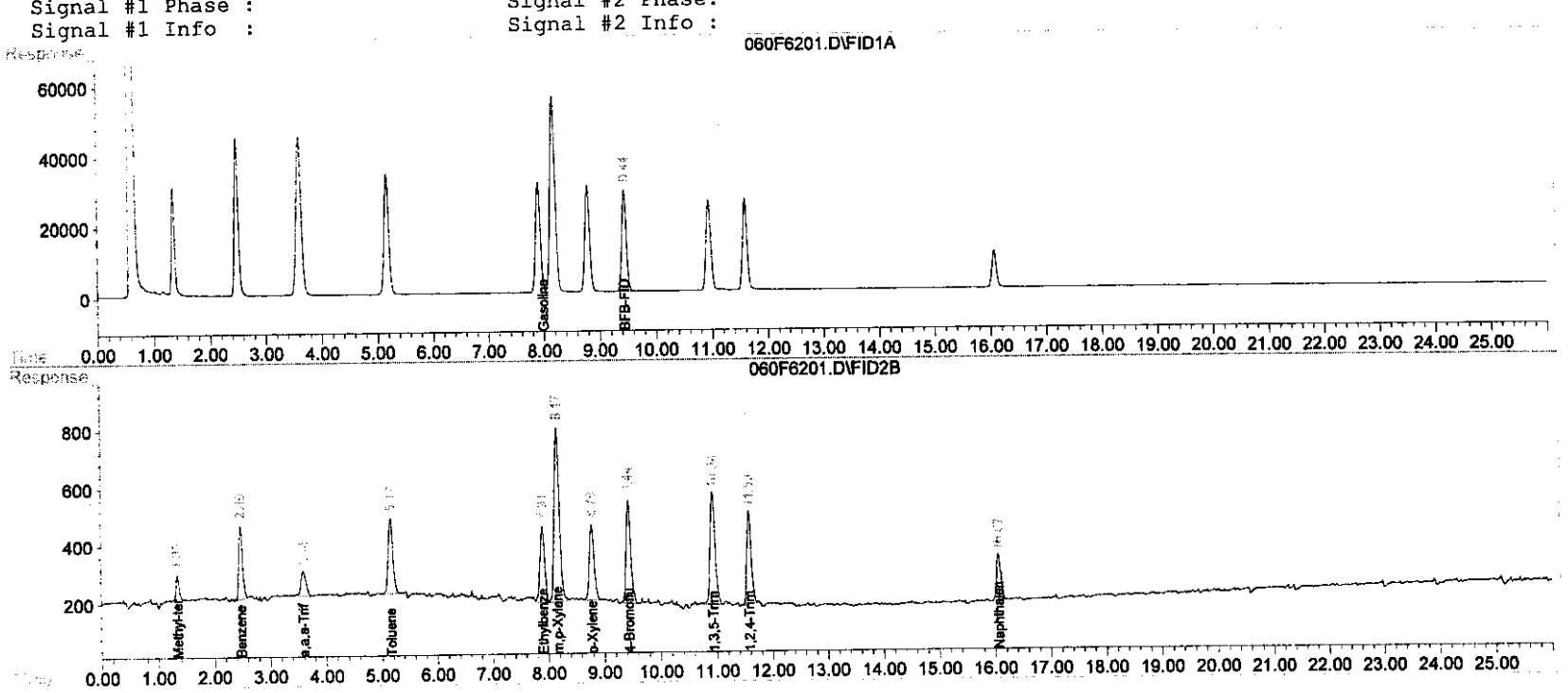
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5708	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1599691	102.427 ug/L
Spiked Amount 100.000		Recovery =	102.43%
1) S 4-Bromofluorobenzene	9.44	20287	101.406 ug/L
Spiked Amount 100.000		Recovery =	101.41%
Target Compounds			
1) H T M Gasoline	8.00	18986510	662.643 ug/L
5) T Methyl-tert-butyl ether	1.35	3423	74.383 ug/L
6) T M Benzene	2.49	11903	54.428 ug/L
7) T M Toluene	5.17	15345	53.430 ug/L
8) T M Ethylbenzene	7.91	15521	55.171 ug/L
9) T M m,p-Xylene	8.17	38686	105.112 ug/L
10) T M o-Xylene	8.79	15923	52.619 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24594	51.272 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18526	51.855 ug/L
14) T Naphthalene	16.07	8953	48.425 ug/L

Data File O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\060F620' `\FID1A.CH Vial: 60
Acq On 07-Jul-2005, 01:30:07 Operat RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\060F6201.D\FID2B.CH Vial: 60
Acq On : 07-Jul-05, 01:30:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\062F6401.D\FID1A.CH Vial: 62
Acq On : 07-Jul-2005, 02:34:46 Operator: RG
Sample : 1579-0016,1,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\062F6401.D\FID2B.CH Vial: 62
Acq On : 07-Jul-05, 02:34:46 Operator: RG
Sample : 1579-0016,1,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:30 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : 20 X
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info : GRO only

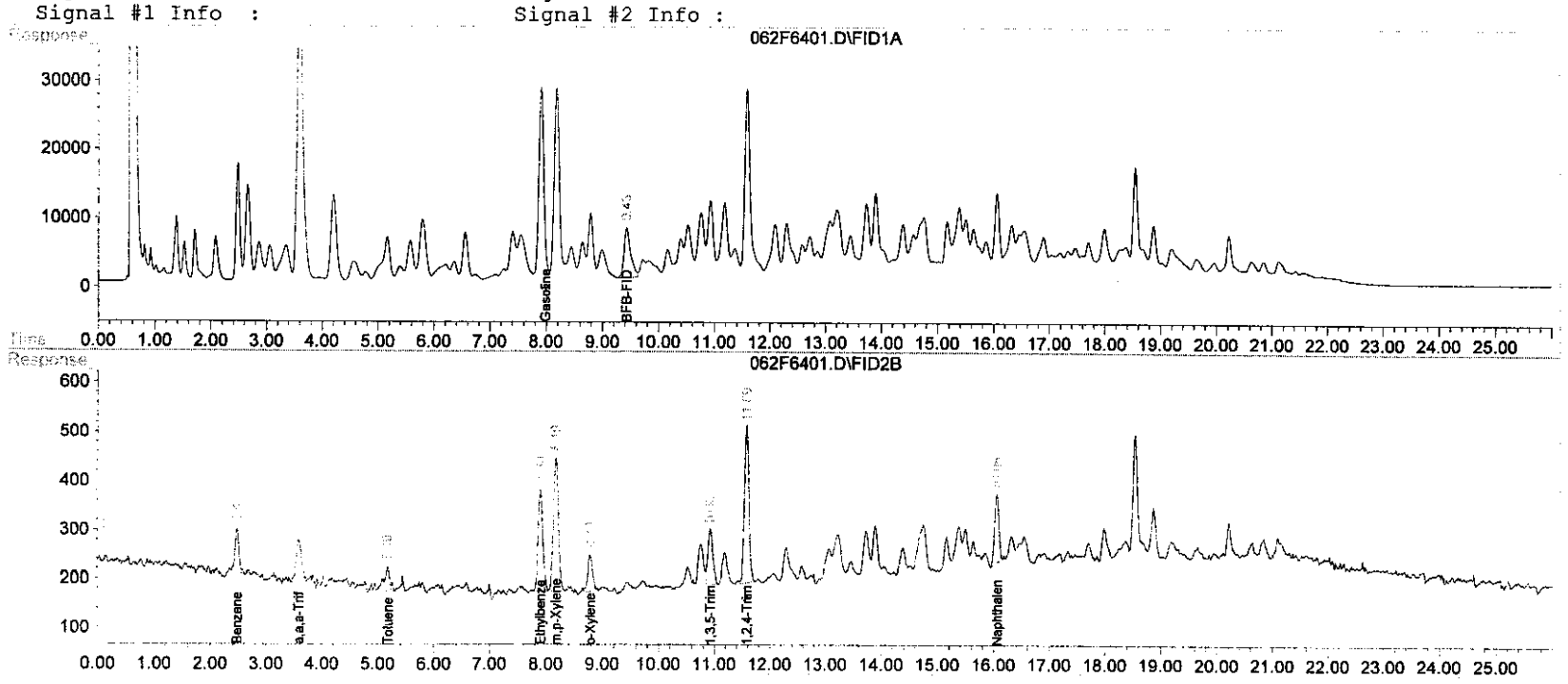
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6011	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	599080	38.191 ug/L
S ed Amount 100.000		Recovery =	38.19%
1 S 4-Bromofluorobenzene	0.00	0	N.D. ug/L
Spiked Amount 100.000		Recovery =	0.00%
Target Compounds			
1) H T M Gasoline	8.00	33274414	1263.900 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	4293	19.607 ug/L
7) T M Toluene	5.18	2365	6.970 ug/L m
8) T M Ethylbenzene	7.91	11992	39.817 ug/L
9) T M m,p-Xylene	8.19	16656	41.458 ug/L
10) T M o-Xylene	8.79	4774	14.304 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	7248	14.348 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18573	49.313 ug/L
14) T Naphthalene	16.07	7571	39.651 ug/L

```
Data File   O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\062F6401.D\FID1A.CH Vial: 62
Acq On      07-Jul-2005, 02:34:46                    Operator: RG
Sample    : 1579-0016,1,20,                          Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\062F6401.D\FID2B.CH Vial: 62
Acq On    : 07-Jul-05, 02:34:46                      Operator: RG
Sample    : 1579-0016,1,20,                          Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  7 11:30 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                  Signal #2 Phase:
Signal #1 Info  :                  Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\063F6501.D\FID1A.CH Vial: 63
Acq On : 07-Jul-2005, 03:06:41 Operator: RG
Sample : 1579-0021,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\063F6501.D\FID2B.CH Vial: 63
Acq On : 07-Jul-05, 03:06:41 Operator: RG
Sample : 1579-0021,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

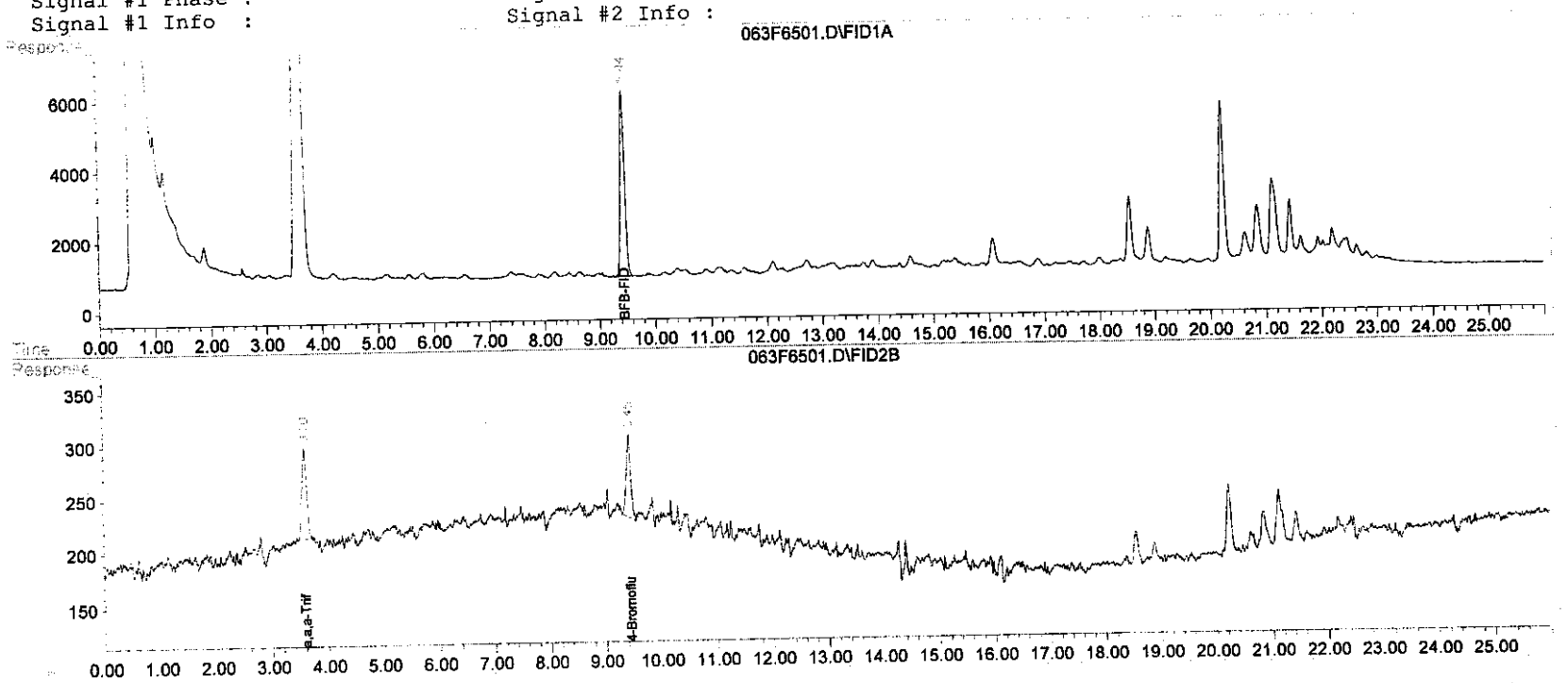
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5132	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	295051	18.674 ug/L
Spiked Amount 100.000		Recovery =	18.67%
1) S 4-Bromofluorobenzene	9.45	4012	22.307 ug/L
Spiked Amount 100.000		Recovery =	22.31%
Target Compounds			
1) H T M Gasoline	8.00	3204192	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\063F6501.D\FID1A.CH Vial: 63
Acq On : 07-Jul-2005, 03:06:41 Operat RG
Sample : 1579-0021,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\063F6501.D\FID2B.CH Vial: 63
Acq On : 07-Jul-05, 03:06:41 Operator: RG
Sample : 1579-0021,1,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\064F6601.D\FID1A.CH Vial: 64
Acq On : 07-Jul-2005, 03:39:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\064F6601.D\FID2B.CH Vial: 64
Acq On : 07-Jul-05, 03:39:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : Signal #2 Phase:
Signal #1 Phase : Signal #2 Info :
Signal #1 Info :

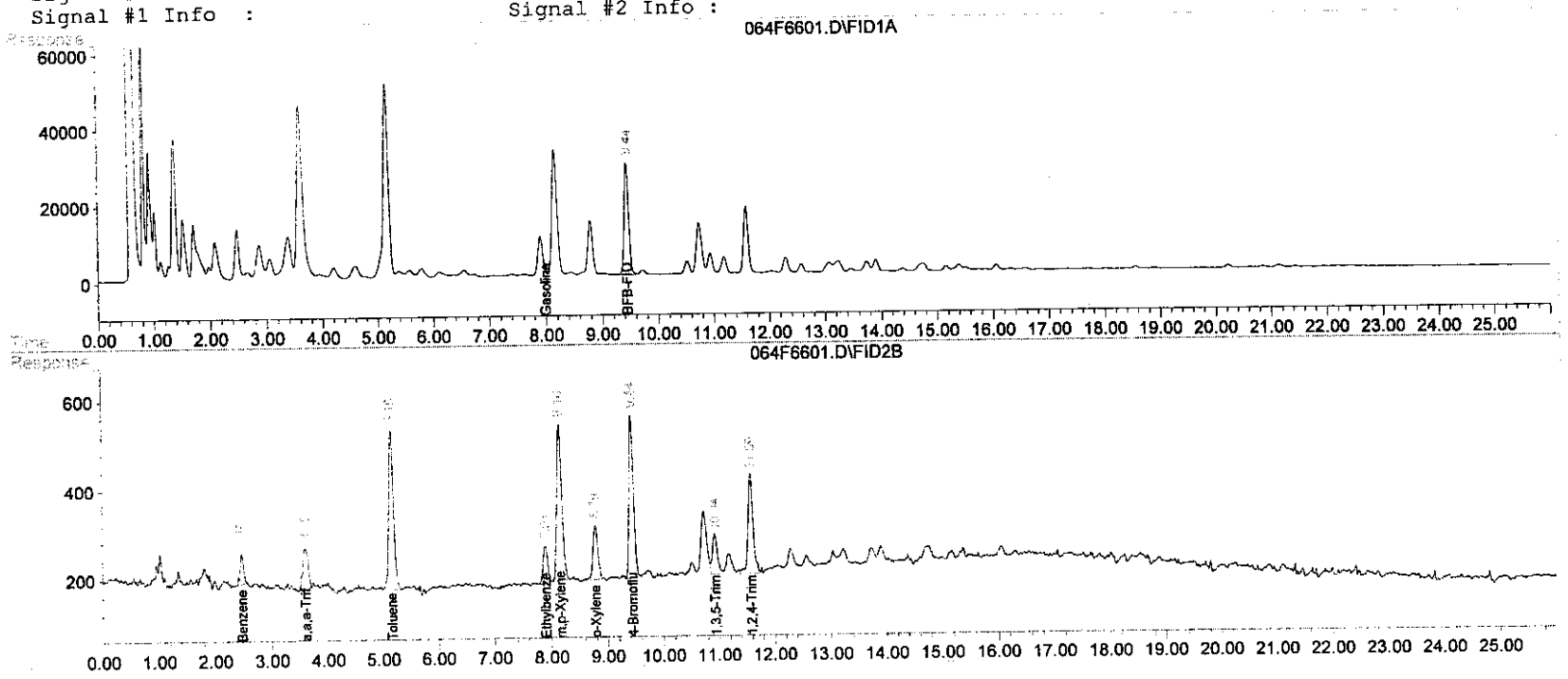
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6430	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1648102	105.535 ug/L
Spiked Amount 100.000	Recovery	=	105.54%
1. S 4-Bromofluorobenzene	9.44	19986	88.684 ug/L
Spiked Amount 100.000	Recovery	=	88.68%
Target Compounds			
1) H T M Gasoline	8.00	23611885	857.286 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	2907	12.952 ug/L
7) T M Toluene	5.17	21550	66.857 ug/L
8) T M Ethylbenzene	7.91	4666	12.906 ug/L
9) T M m,p-Xylene	8.17	21908	51.565 ug/L
10) T M o-Xylene	8.79	7488	21.414 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5723	10.592 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14785	36.407 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\064F6601.D\FID1A.CH Vial: 64
Acq On : 07-Jul-2005, 03:39:25 Operat : RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\064F6601.D\FID2B.CH Vial: 64
Acq On : 07-Jul-05, 03:39:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\065F6701.D\FID1A.CH Vial: 65
Acq On : 07-Jul-2005, 04:11:41 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\065F6701.D\FID2B.CH Vial: 65
Acq On : 07-Jul-05, 04:11:41 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

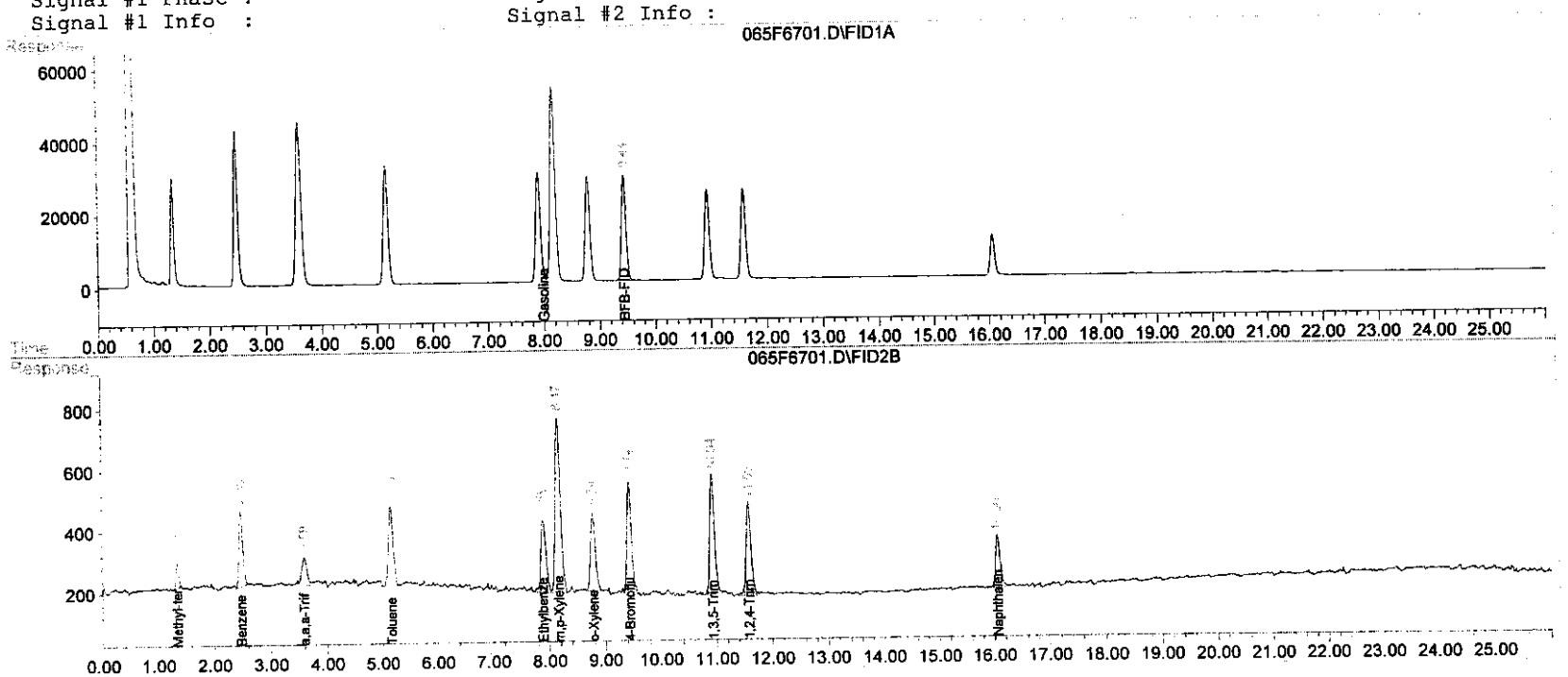
Compound		R.T.	Response	Conc Units
Internal Standards				
4) I a,a,a-Trifluorotoluene	IS	3.59	5658	100.000 ug/L m
System Monitoring Compounds				
2) S BFB-FID		9.44	1596322	102.211 ug/L
Spiked Amount 100.000		Recovery	=	102.21%
1[illegible] S 4-Bromofluorobenzene		9.45	21206	106.937 ug/L
Spiked Amount 100.000		Recovery	=	106.94%
Target Compounds				
1) H T M Gasoline		8.00	18321479	634.658 ug/L
5) T Methyl-tert-butyl ether		1.35	2675	58.552 ug/L
6) T M Benzene		2.48	11445	52.837 ug/L
7) T M Toluene		5.17	15650	55.006 ug/L
8) T M Ethylbenzene		7.90	14724	52.692 ug/L
9) T M m,p-Xylene		8.17	37043	101.451 ug/L
10) T M o-Xylene		8.79	15038	50.092 ug/L
12) T 1,3,5-Trimethylbenzene		10.94	23151	48.691 ug/L
13) T 1,2,4-Trimethylbenzene		11.59	18520	52.306 ug/L
14) T Naphthalene		16.06	10219	55.170 ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\065F6701.D\FID1A.CH Vial: 65
Acq On : 07-Jul-2005, 04:11:41 Operat : RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050705\065F6701.D\FID2B.CH Vial: 65
Acq On : 07-Jul-05, 04:11:41 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 7 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0501005.D

Data File Name **0501005.D**
Date Acquired **06 Jul 2005 18:15**
Method File **DROFID3.M**
Sample Name **lcs 1904**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	27.82	25	111	80-144	Pass
Diesel Range Organics	1149.35	1000	115	70 - 130	Pass

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
F ɔonse via : Initial Calibration

Non-Spiked Sample: 2301023.D

	Spike Sample	Spike Duplicate Sample
File ID :	2401024.D	2601026.D
Sample :	0507-0109 ms	0507-0109 msd
Acq Time:	07 Jul 2005 2:24	07 Jul 2005 3:16

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.4	1000	1171	1176	117	117	0	20	70-130

- Fails Limit Check

050331.M Thu Jul 07 15:01:30 2005 MSAD1

O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2801028.D

Data File Name **2801028.D**
Date Acquired **07 Jul 2005 4:07**
Method File **DROFID3.M**
Sample Name **lcs 1905**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	25.25	25	101	80-144	Pass
Diesel Range Organics	1038.89	1000	104	70 - 130	Pass

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
R ponse via : Initial Calibration

Non-Spiked Sample: 4401044.D

	Spike Sample	Spike Duplicate Sample
File ID :	4501045.D	4601046.D
Sample :	0507-0114 ms	0507-0114 msd
Acq Time:	07 Jul 2005 11:25	07 Jul 2005 11:51

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.1	1000	1051	1038	105	104	1	20	70-130

- Fails Limit Check

050331.M Thu Jul 07 15:02:54 2005 MSAD1

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	DCM	N/A	N/A	0101001	1	N/A	N/A	07-08-05	[illegible]	
2		DCM			0201002	2					
3		1000000	Qv		0301003	3	Qv	Qv			
4		MB	1904		0401004	4	Aguano	10			
5	Qv	LCS		Qv	0501005	5					
6	05-1567	0506-FM02		FPET-MW-1	0601006	6					
7		-1763		FPET-MW-3	0701007	7					
8		-1764		FPET-MW-A	0801008	8					
9		-1765		6	0901009	9					
10		-1769		EB-4	1001010	10					
11	Qv	Qv -1770		FB-4	1101011	11					
12	05-1579	0506-0005		EB-6	1201012	12					
13	05-1580	Qv -0006		FPET-MW-3	1301013	13					
14	N/A	0000000	Qv	N/A	1401014	14	Qv	Qv	Qv	Qv	

Surrogate ID: SUSC-1-0103 LCS/MS/MSD Spike ID: SUSC-1-0070 ICV/CCV Spike ID: SSU-1-0004 DCM ID: SC-1-1051

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: ____ LCS/MS/MSD Spike ID: ____ ICV/CCV Spike ID: ____ DCM ID: ____

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

[illegible] 07-08-05 NAR 07-08-05

P.O. Box 325, San German, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1580	0007-0022	1904	FPEI-HW-3	1501015	15	Aqueous	10	07-06-05	M	
2		-0028		FPEI-HW-4	1601016	16					
3		-0029		FPEI-HW-5	1701017	17					
4		-0033		EB-5	1801018	18					
5		-0034		FB-5	1901019	19			07-07-05		
6	05-1579	-0035		FB-6	2001020	20					
7	05-1578	-0107		TB	2101021	21					
8		-0108		FB	2201022	22					
9		-0109		EB	2301023	23					MS
10		-0109			2401024	24					
11	N/A	1000000		N/A	2501025	25					MSD
12	05-1578	0004-0109		EB	2601026	26					SOGC-1-011F - Surr.
13	N/A	NB	1905	N/A	2701027	27	Soil	1			SOGC-1-0009A Std
14		LCS			2801028	28					

Surrogate ID: SOGC-1-010B LCS/MS/MSD Spike ID: SOGC-1-007C ICV/CCV Spike ID: SOGC-1-004 DCM ID: GC-1-105D

Surrogate ID: SOGC-1-011F LCS/MS/MSD Spike ID: SOGC-1-009A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: DCM ID:

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

07-07-05 N/A 07-07-05

P.O. Box 320, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1579	002-0012	1905	B-51	3901029	29	Soil	5X	07-07-05	[illegible]	
2		-0013		B-52	3001030	30		10X			
3		-0014		B-53	3101031	31		40X			SLCG-1-011F
4		-0015		B-54	3201032	32		5X			
5		-0016		B-55	3301033	33		5X			
6		-0017		B-56	3401034	34		1			
7		-0018		B-57	3501035	35		5X			
8		1000CCV		N/A	3601036	36		N/A			
9		002-0019		B-58	3701037	37		5X			
10		-0020		B-59	3801038	38					
11		-0021		B-510	3901039	39					
12	05-1578	-0110		PT-01	4001040	40		1			
13		-0111		PT-02	4101041	41					
14		-0112		PT-03	4201042	42					

Surrogate ID: SLCG-1-011F LCS/MS/MSD Spike ID: SLCG-1-002A ICV/CCV Spike ID: SLC-1-024 DCM ID: G-1-105D

Surrogate ID: SLCG-1-010B LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

[illegible] 07-08-05 [illegible] 07-07-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

P.O. Box 325, San German, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1587	507-0113	1905	PT-04	4501043	43	Soil	1	07-07-05	[illegible]	
2		-0114		PT-05	4401044	44					
3		-0114			4501045	45					MS
4	Q	Q -0114		Q	4601046	46					MSD
5	N/A	1000000		N/A	4701047	47					
6	05-1579	507-0015		B-54	4801048	48		Q			
7	Q	Q-0016		B-55	4901049	49		20X			
8	N/A	1000000		N/A	5001050	50		N/A			
9	05-1579	[illegible]-0001		B-59	5101051	51		1			SGC-1-008
10	Q	Q-0001		B-710	5201052	52					
11	N/A	1000000	Q	N/A	5301053	53	Q	Q	Q	Q	
12											
13											
14											07-07-05

Surrogate ID: SGC-1-011F LCS/MS/MSD Spike ID: SGC-1-009A ICV/CCV Spike ID: SGC-1-034 DCM ID: GC-1-105D

Surrogate ID: SGC-1-010B LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG (MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	N/A	MB	1905	07-05-05	M	10.03g	10	1	
2	"	LCS				10.05g			
3	05-1579	0507-0012				10.01g			
4		-0013				10.04g			SUGC-1-011F
5		-0014				9.99g			M
6		-0015				9.98g			07-05-05
7		-0016				10.07g			
8		-0017				10.01g			
9		-0018				10.00g			
10		-0019				10.09g			
11		-0020				9.97g			
12	"	-0021				10.07g			
13	05-1599	-0110				9.94g			
14		-0111				9.95g			
15		-0112				9.96g			
16		-0113				9.96g			
17		-0114				9.92g			
18		-0114				9.92g			
19	"	-0114	"			9.95g	"	"	MS
20	N/A	MB	1904			30mL	3	10	MSD
21	"	LCS							
22	05-1567	0506-1742							
24		-1743							SUGC-1-007C
25	"	-1744	"	"	"	"	"	"	M 07-05-05

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 031113 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050106024 Exp. Date: 06-10
Surrogate ID: SUGC-1-011F SUGC-1-010B LCS/MS/MSD ID: SUGC-1-002A SUGC-1-007C

Spike Witness 7/05/05

VERIFIED AND APPROVED BY: [illegible]

DATE: 7/07/05

M 07-05-05 N/A M 07-05-05

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	05-1567	0506-1765	1904	07-05-05	[illegible]	30mL	3	10	
2		-1769							
3		-1770							
4	05-1580	0507-0026							
5	05-1579	-0025							
6	05-1580	-0027							
7		-0028							
8		-0029							
9		-0033							
10		-0034							
11	05-1579	-0035							
12	05-1588	-0107							
13		-0108							
14		-0109							
15		-0109							
16		-0109							MS
17									MSD
18									
19									
20									
21									
22									
24									
25									

[illegible] 07-05-05

Spike Witness: [illegible]

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 031113 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050424 Exp. Date: 04-10
Surrogate ID: SOGC-1-010B LCS/MS/MSD ID: SOGC-1-007C

VERIFIED AND APPROVED BY: [illegible]

DATE: 7/08/05

[illegible] 07-05-05 N/A [illegible] 07-05-05

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0301003.D Vial: 3
Acq On : 06 Jul 2005 17:24 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

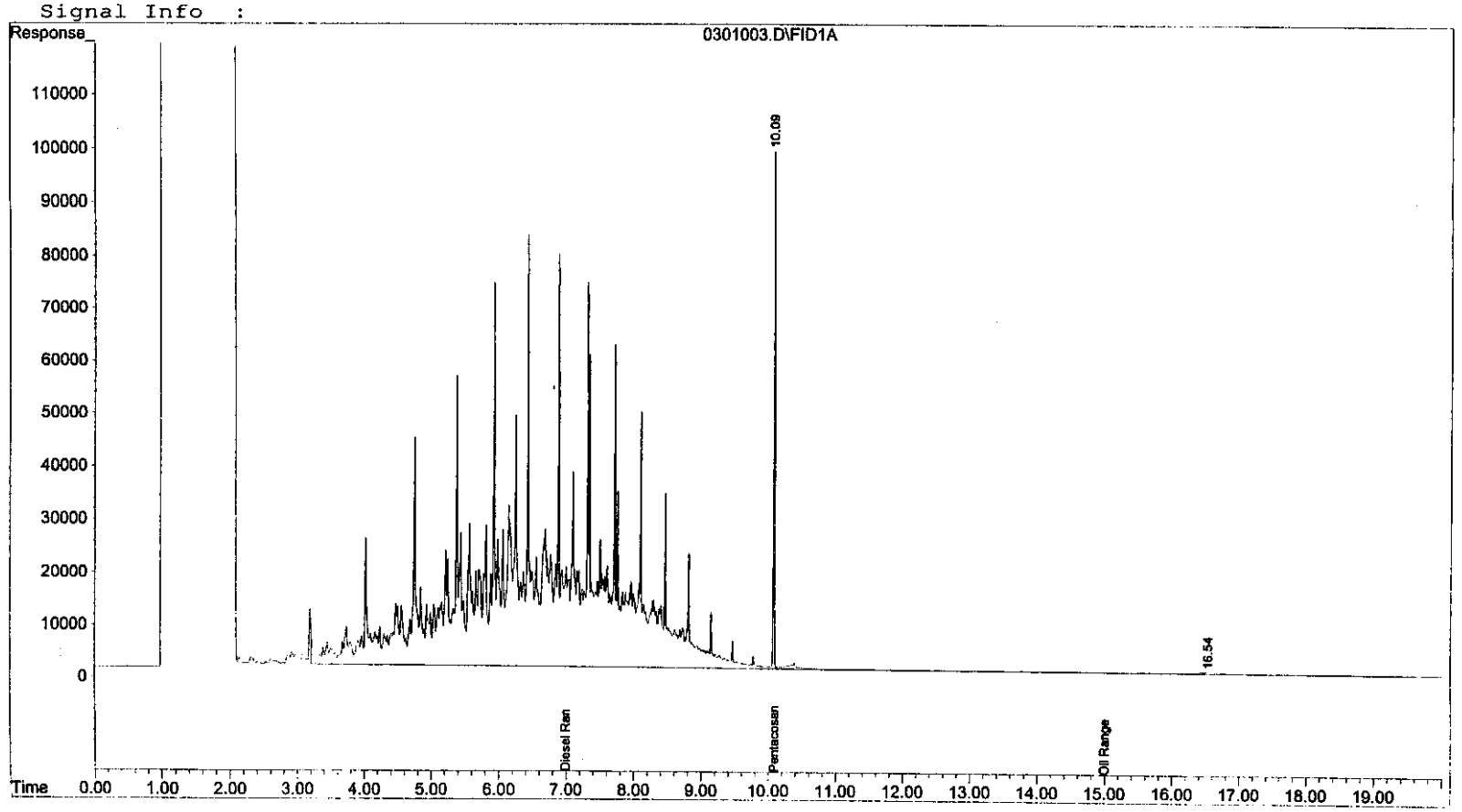
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1010002	25.290 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 101.16%	101 %
Target Compounds			
2) H M Diesel Range Organics	7.00	43240529	1060.912 mg/L 106 %
3) H Oil Range Organics	15.00	110009	2.699 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
0301003.D 050331.M Thu Jul 07 08:01:39 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0507[illegible]\0301003.D Vial: 3
Acq [illegible] : 06 Jul 2005 17:24 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0401004.D Vial: 4
Acq On : 06 Jul 2005 17:49 Operator: KMI
Sample : mb 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

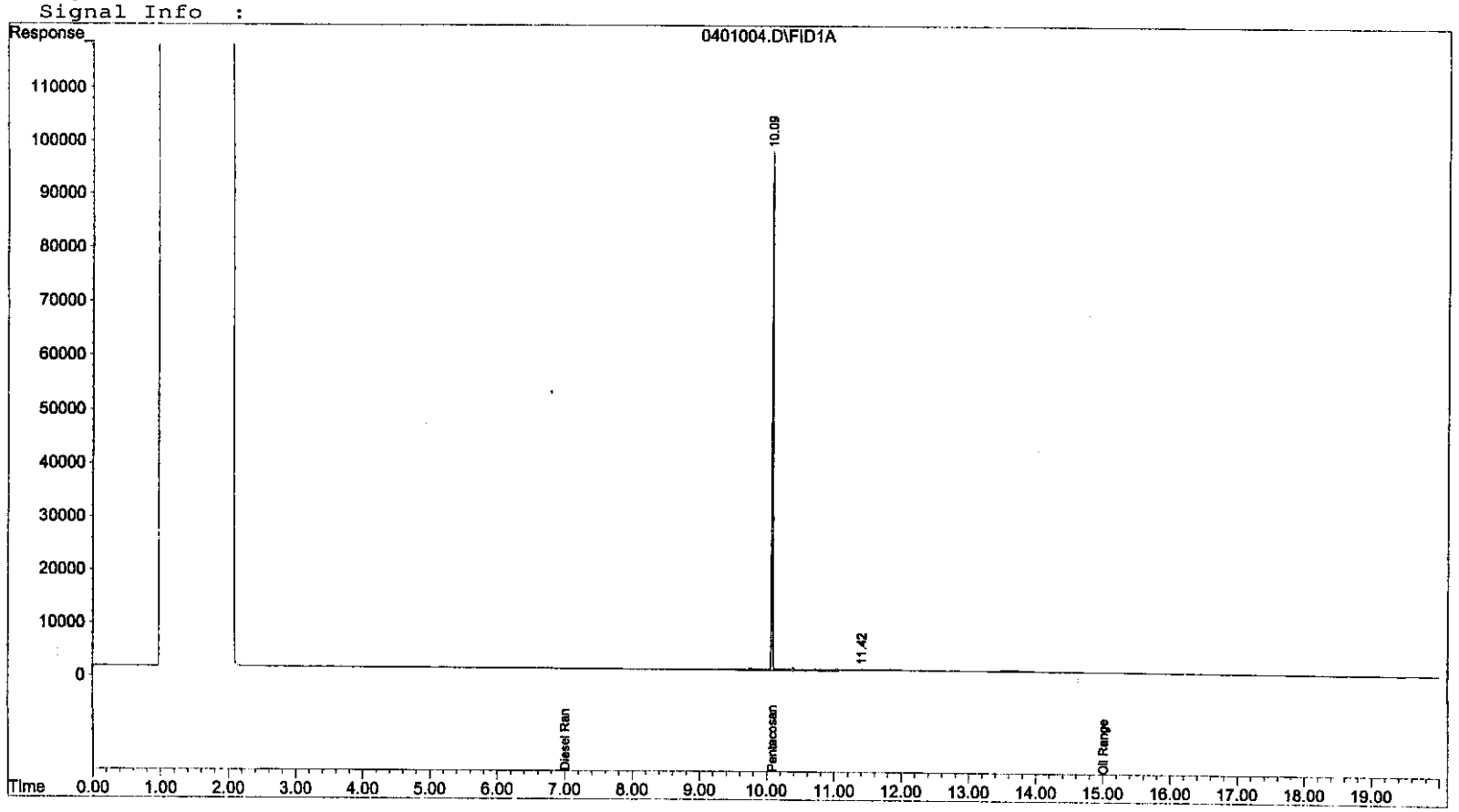
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1017407	25.475 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	101.90% 102%
Target Compounds			
2) H M Diesel Range Organics	7.00	39597	0.972 mg/L
3) H Oil Range Organics	15.00	81067	1.989 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0401004.D Vial: 4
Acq C : 06 Jul 2005 17:49 Operator: KMI
Sampl : mb 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0501005.D Vial: 5
Acq On : 06 Jul 2005 18:15 Operator: KMI
Sample : lcs 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

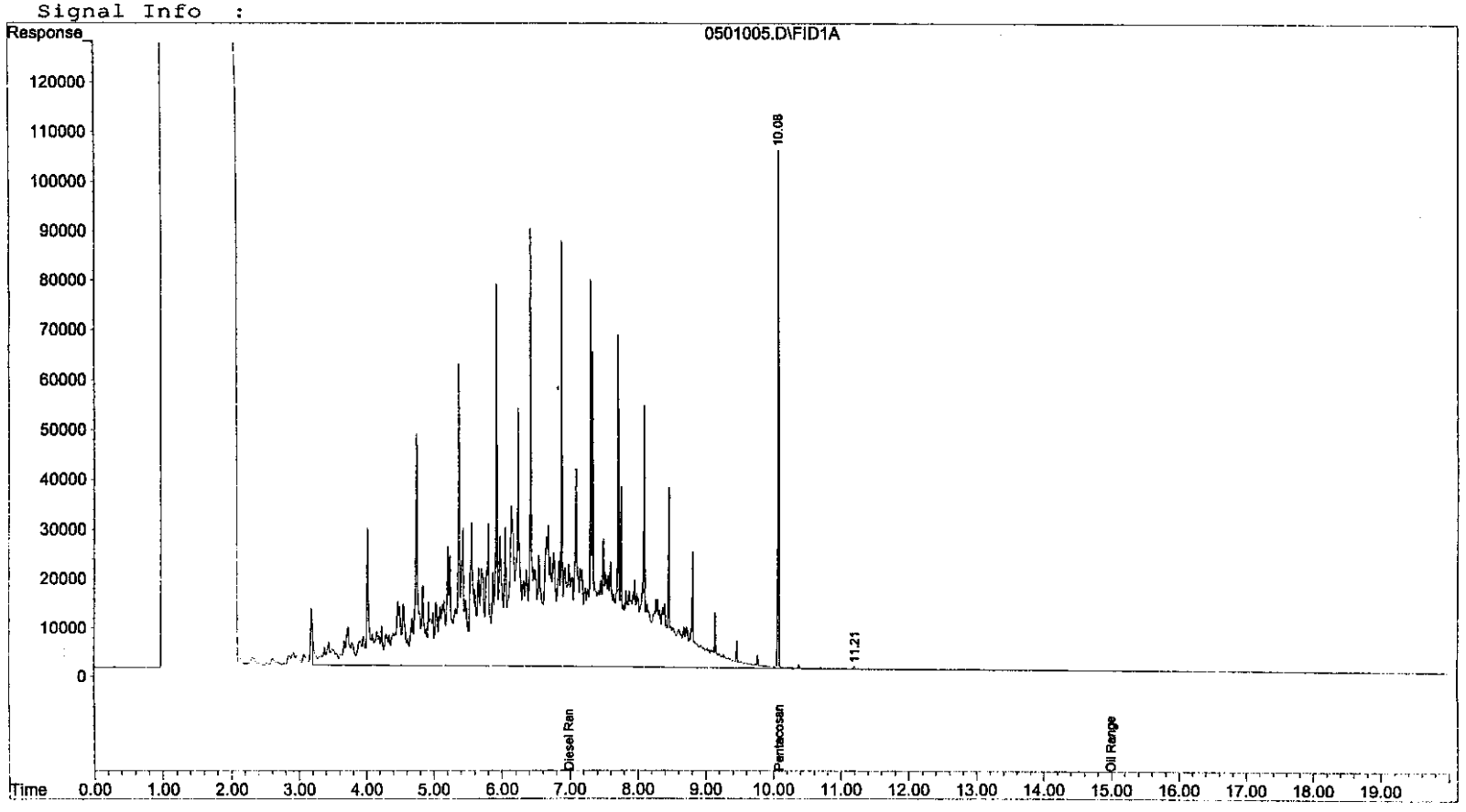
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1110918	27.817 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.27% 111%
Target Compounds			
2) H M Diesel Range Organics	7.00	46845280	1149.355 mg/L 115%
3) H Oil Range Organics	15.00	34780	0.853 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0501005.D Vial: 5
Acq O : 06 Jul 2005 18:15 Operator: KMI
Sampl : lcs 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1201012.D Vial: 12
Acq On : 06 Jul 2005 21:16 Operator: KMI
Sample : 0507-0025 Inst : FID3
Misc : EB-6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

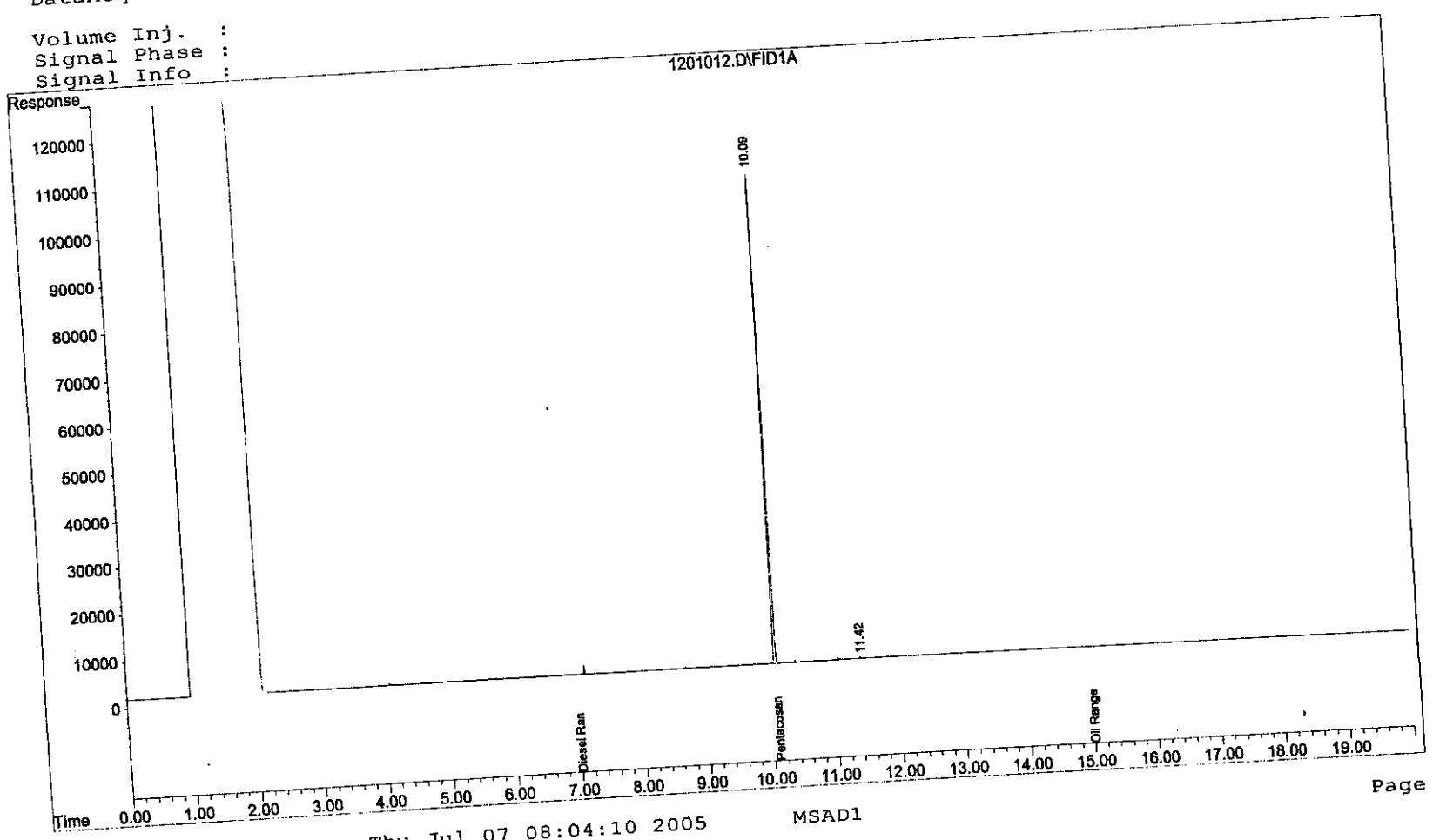
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1112139	27.847 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.39% 111%
Target Compounds			
2) H M Diesel Range Organics	7.00	66796	1.639 mg/L
3) H Oil Range Organics	15.00	15496	0.380 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1201012.D Vial: 12
Acq O. : 06 Jul 2005 21:16 Operator: KMI
Sample : 0507-0025 Inst : FID3
Misc : EB-6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



1201012.D 050331.M Thu Jul 07 08:04:10 2005 MSAD1

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1401014.D Vial: 14
Acq On : 06 Jul 2005 22:07 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:04 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

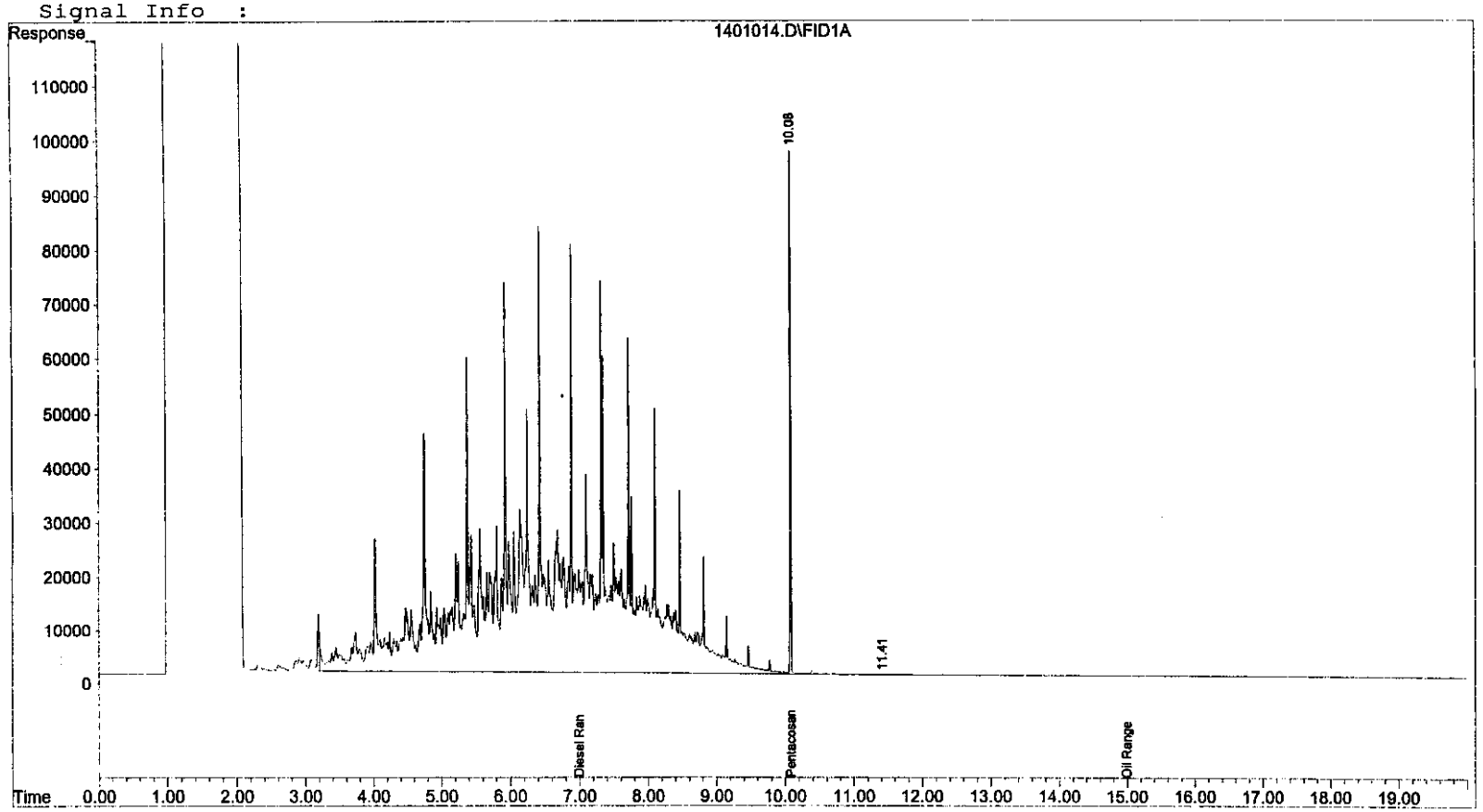
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1009253	25.271 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 101.08%	101%
Target Compounds			
2) H M Diesel Range Organics	7.00	43415522	1065.205 mg/L 107%
3) H Oil Range Organics	15.00	8936	0.219 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1401014.D Vial: 14
Acq C : 06 Jul 2005 22:07 Operator: KMI
Sampl : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:04 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2001020.D Vial: 20
Acq On : 07 Jul 2005 00:41 Operator: KMI
Sample : 0507-0035 Inst : FID3
Misc : FB-6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

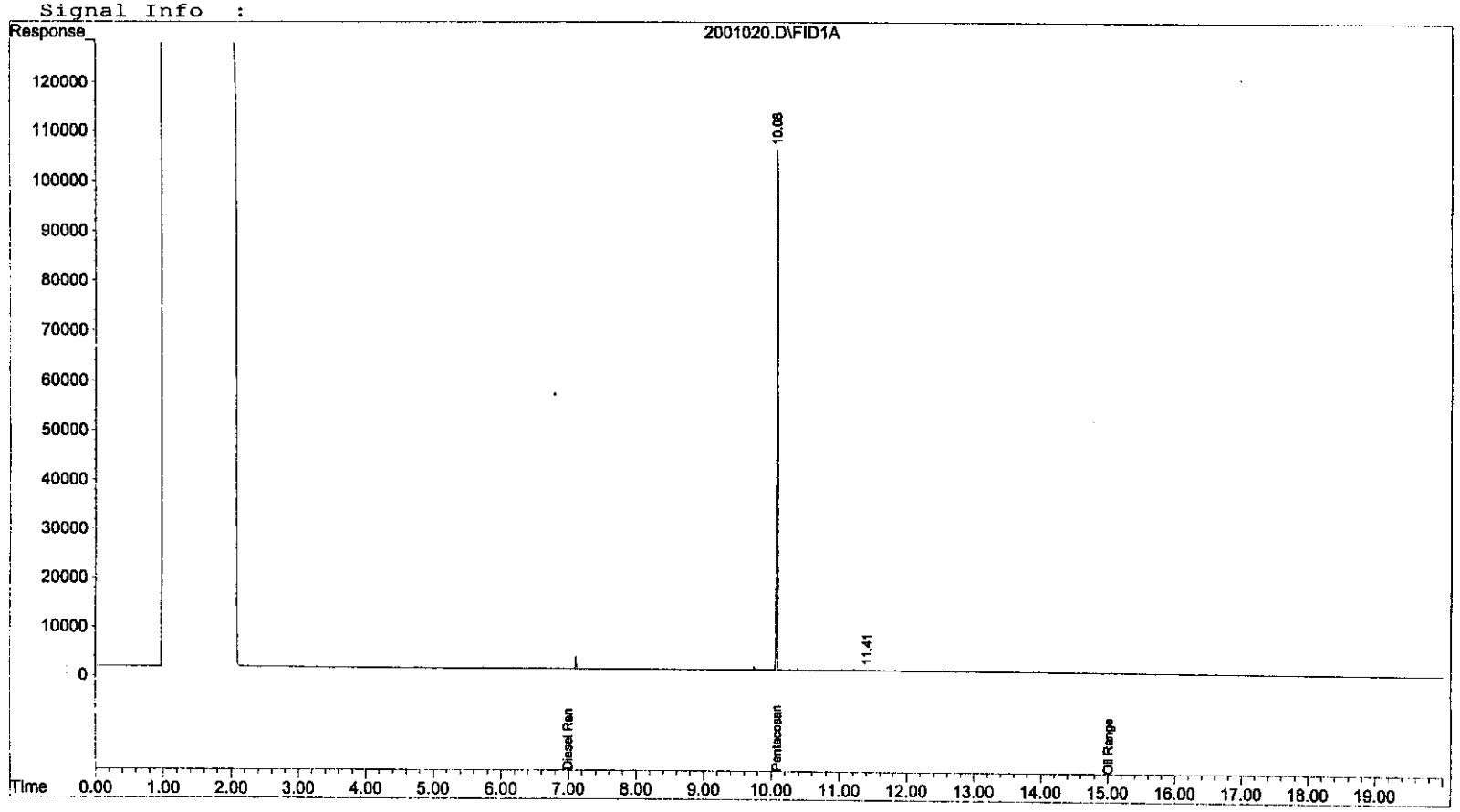
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1089215	27.273 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.09% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	66715	1.637 mg/L
3) H Oil Range Organics	15.00	18750	0.460 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2001020.D Vial: 20
Acq O : 07 Jul 2005 00:41 Operator: KMI
Sampl : 0507-0035 Inst : FID3
Misc : FB-6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2301023.D Vial: 23
Acq On : 07 Jul 2005 1:59 Operator: KMI
Sample : 0507-0109 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

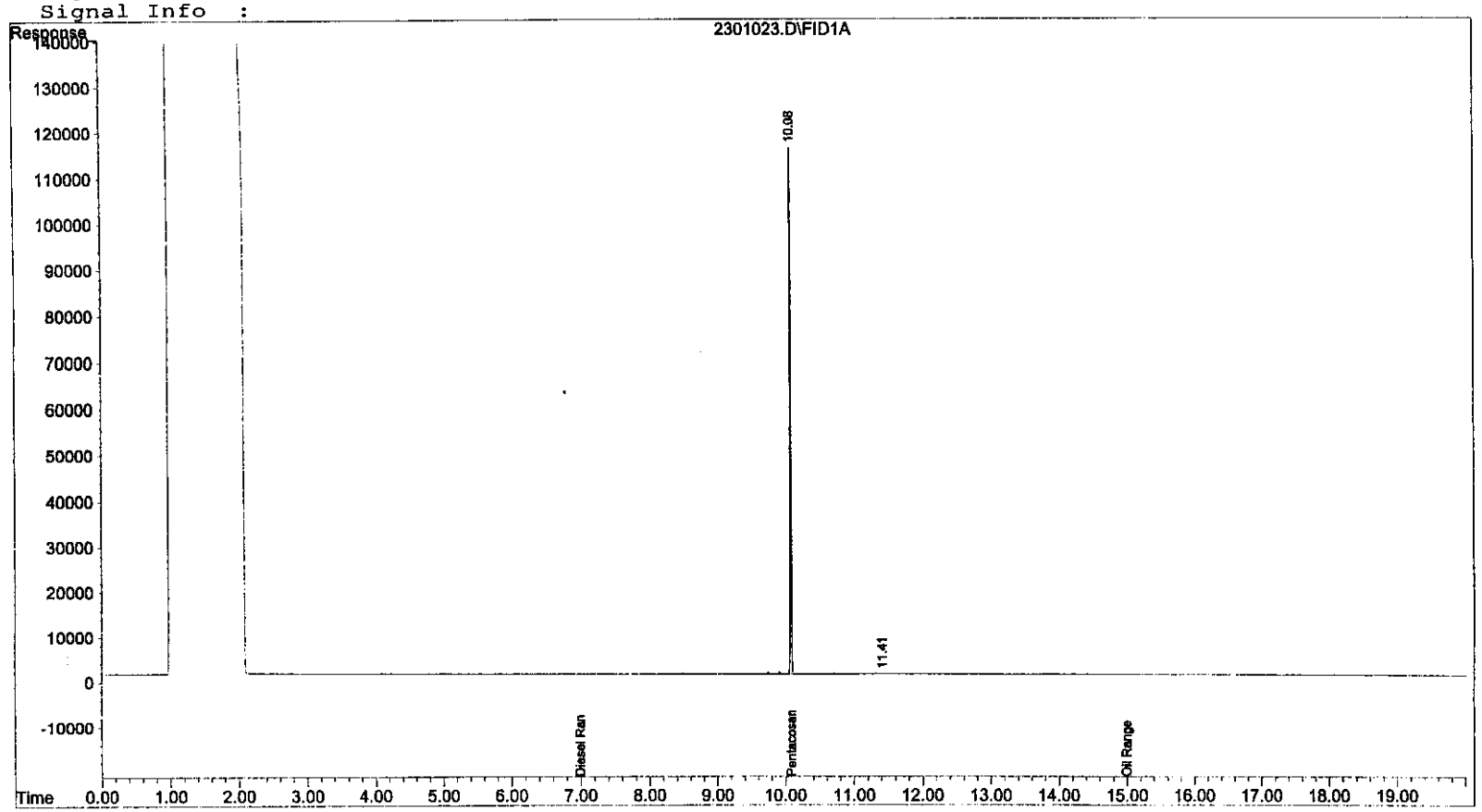
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1237926	30.997 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	123.99% 124%
Target Compounds			
2) H M Diesel Range Organics	7.00	58622	1.438 mg/L
3) H Oil Range Organics	15.00	15607	0.383 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2301023.D Vial: 23
Acq O : 07 Jul 2005 1:59 Operator: KMI
Sampl : 0507-0109 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2401024.D Vial: 24
Acq On : 07 Jul 2005 2:24 Operator: KMI
Sample : 0507-0109 ms Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

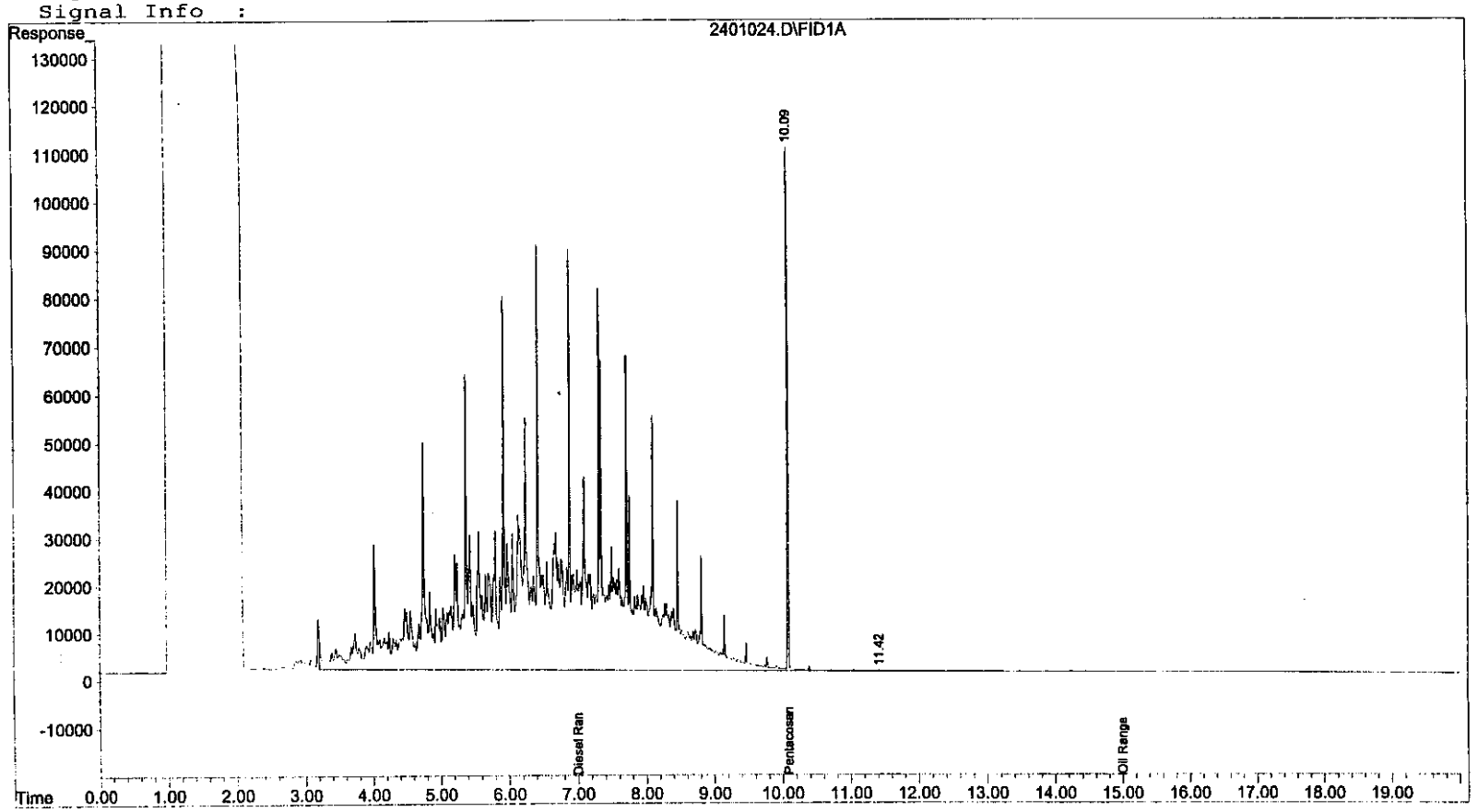
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1153437	28.882 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	115.53% 116%
Target Compounds			
2) H M Diesel Range Organics	7.00	47732245	1171.117 mg/L 117%
3) H Oil Range Organics	15.00	15287	0.375 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2401024.D Vial: 24
Acq C : 07 Jul 2005 2:24 Operator: KMI
Sampl : 0507-0109 ms Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2501025.D Vial: 25
Acq On : 07 Jul 2005 2:50 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

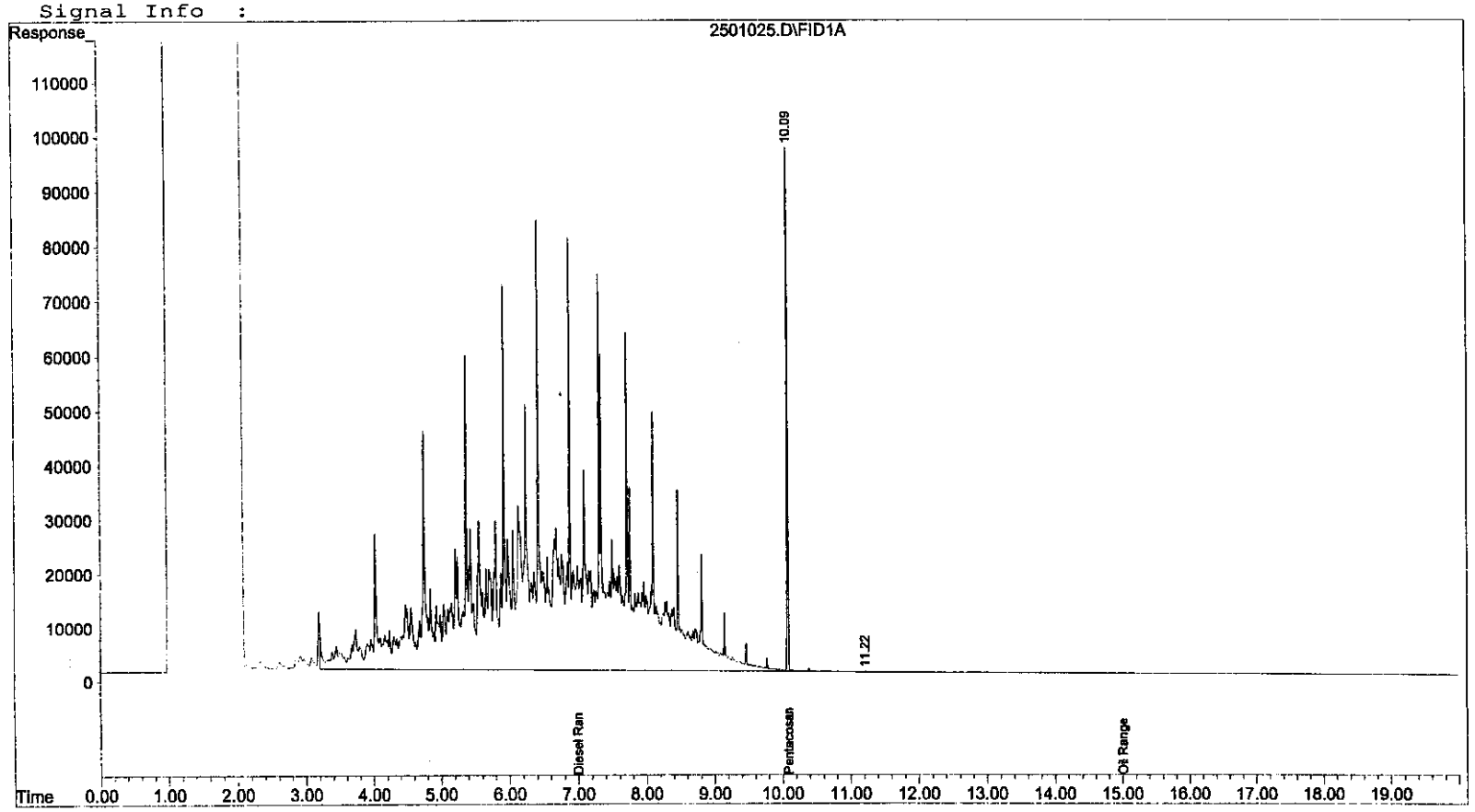
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1004917	25.163 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	100.65% 101%
Target Compounds			
2) H M Diesel Range Organics	7.00	43671973	1071.497 mg/L 107%
3) H Oil Range Organics	15.00	5546	0.136 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
2501025.D 050331.M Thu Jul 07 08:06:57 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2501025.D Vial: 25
Acq O: : 07 Jul 2005 2:50 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2601026.D Vial: 26
Acq On : 07 Jul 2005 3:16 Operator: KMI
Sample : 0507-0109 msd Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

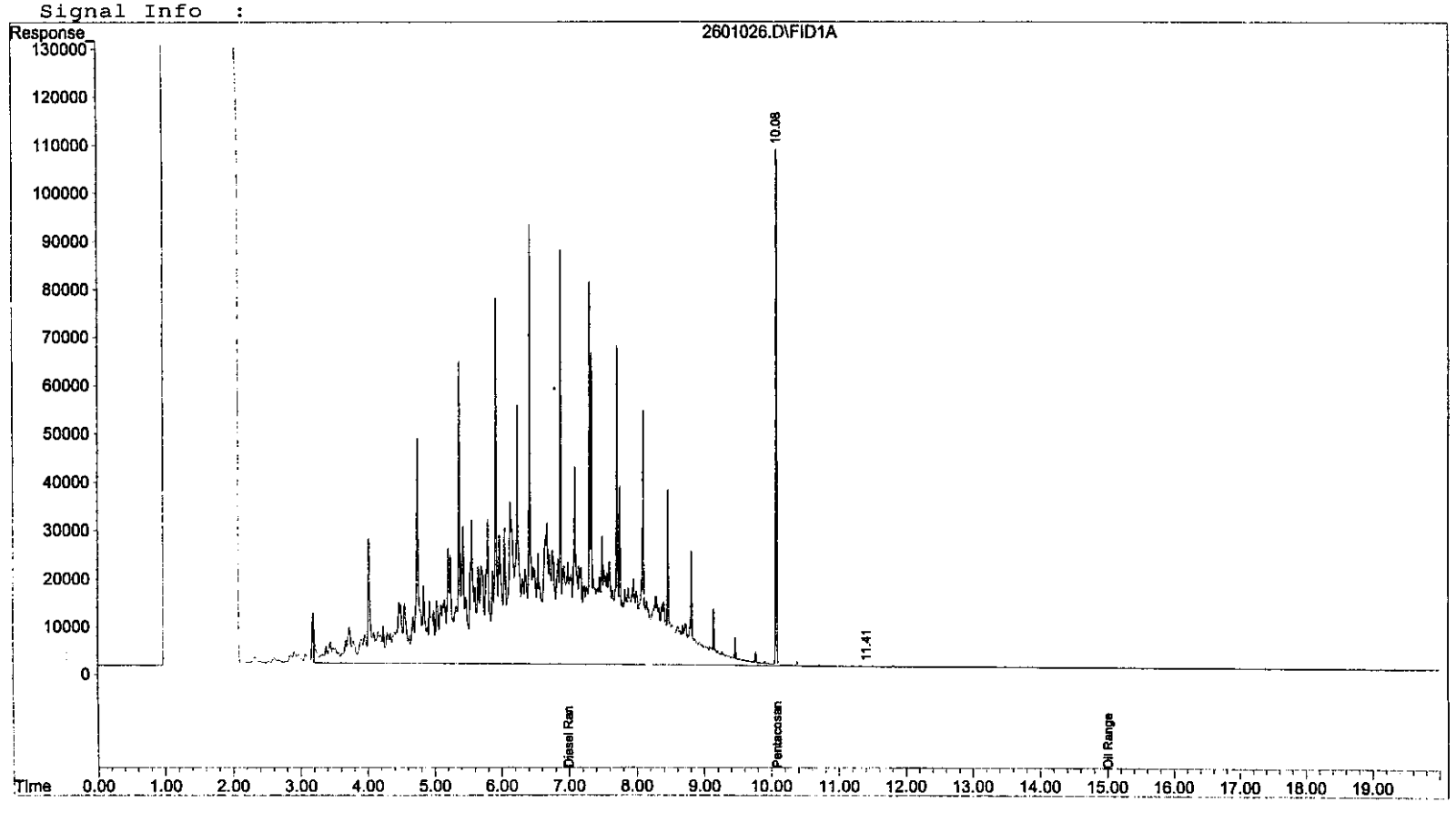
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1172248	29.353 mg/L 117%
Spiked Amount 25.000 Range 80 - 144		Recovery =	117.41%
Target Compounds			
2) H M Diesel Range Organics	7.00	47912254	1175.533 mg/L 118%
3) H Oil Range Organics	15.00	19838	0.487 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2601026.D Vial: 26
Acq O : 07 Jul 2005 3:16 Operator: KMI
Sample : 0507-0109 msd Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2701027.D Vial: 27
Acq On : 07 Jul 2005 3:41 Operator: KMI
Sample : mb 1905 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

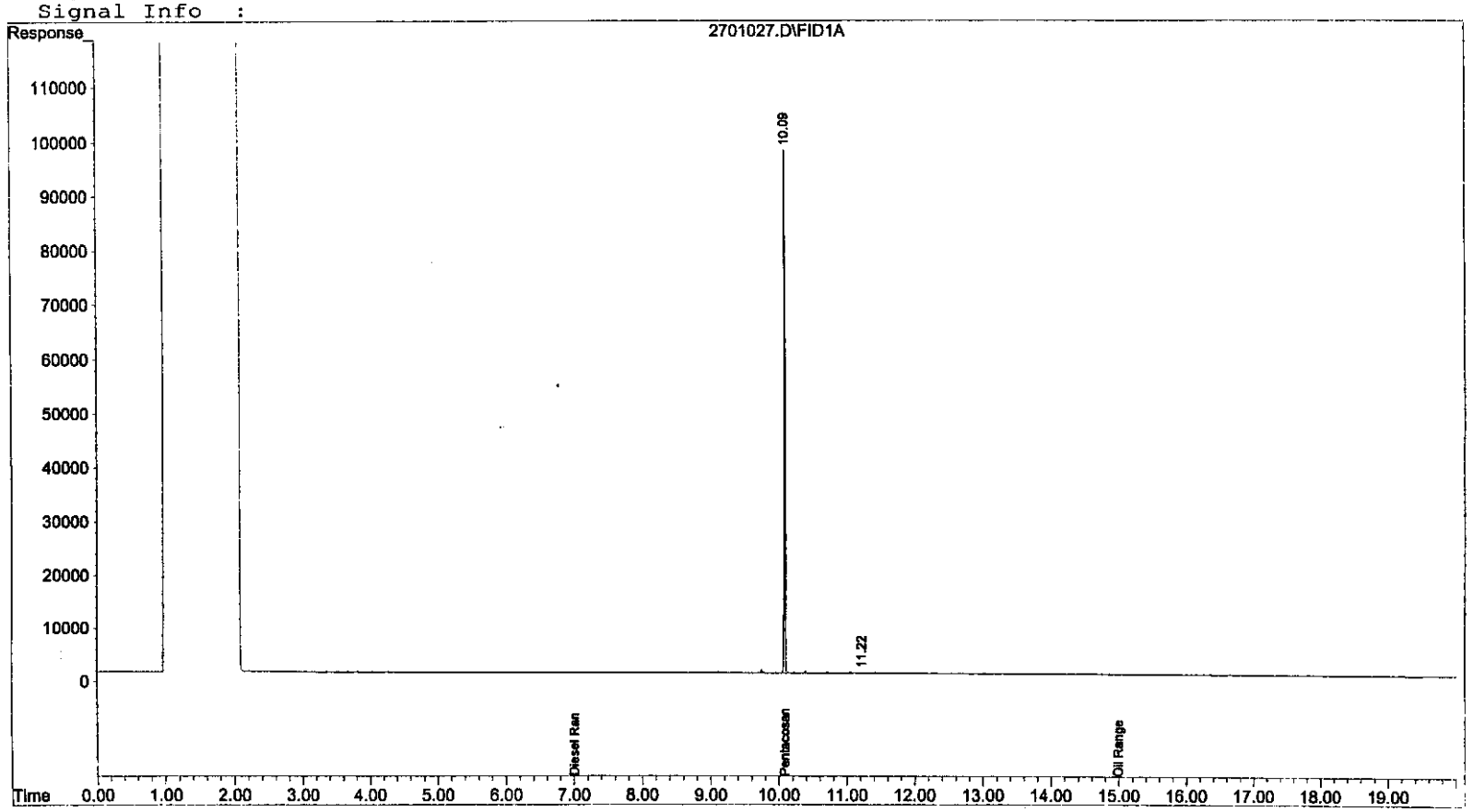
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	972047	24.340 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	97.36% 97%
Target Compounds			
2) H M Diesel Range Organics	7.00	50651	1.243 mg/L
3) H Oil Range Organics	15.00	16160	0.396 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2701027.D Vial: 27
Acq C : 07 Jul 2005 3:41 Operator: KMI
Sample : mb 1905 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2801028.D Vial: 28
Acq On : 07 Jul 2005 4:07 Operator: KMI
Sample : lcs 1905 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

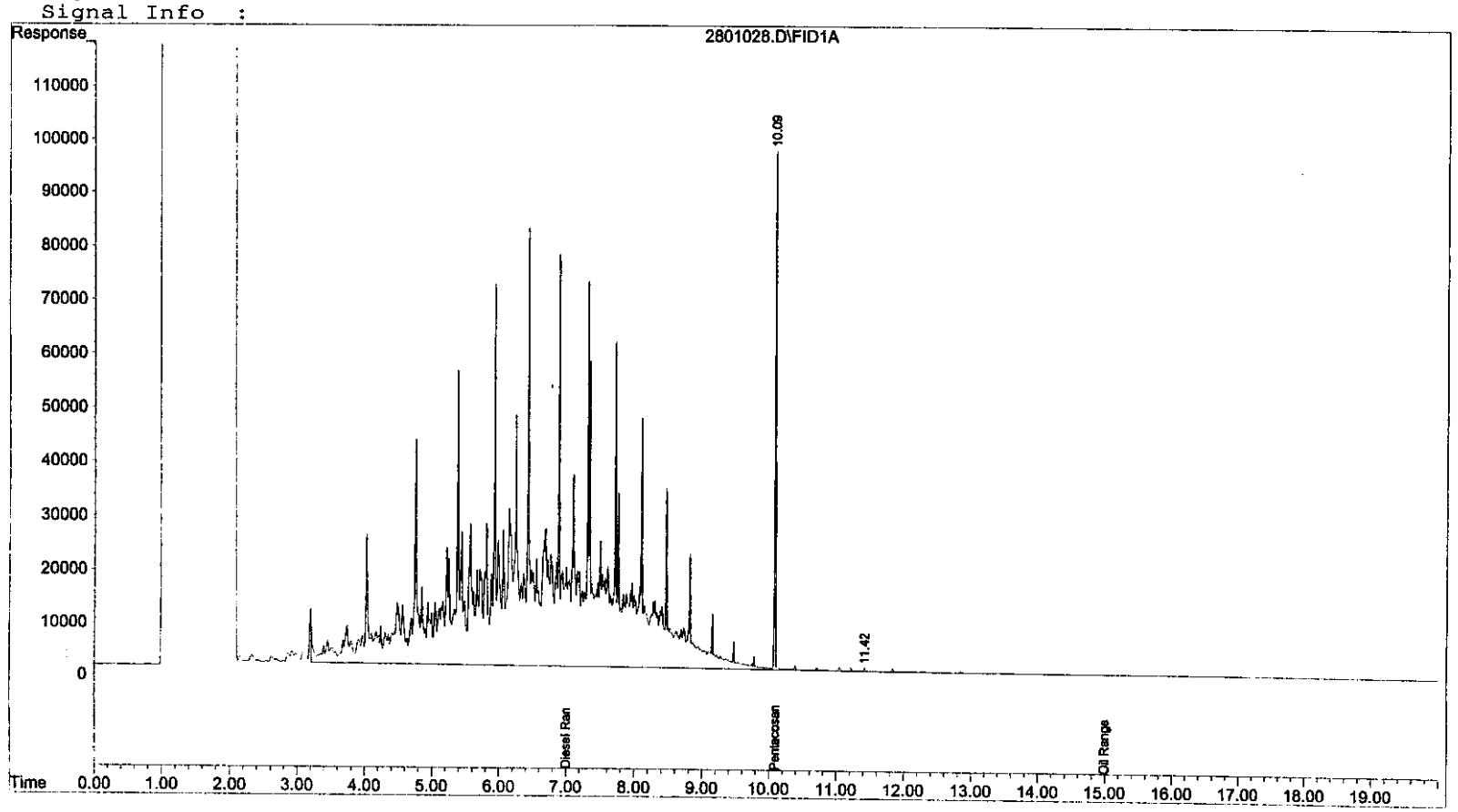
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1008575	25.254 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	101.02% 101%
Target Compounds			
2) H M Diesel Range Organics	7.00	42342810	1038.886 mg/L 104%
3) H Oil Range Organics	15.00	44321	1.087 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
2801028.D 050331.M Thu Jul 07 08:07:39 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2801028.D Vial: 28
Acq C : 07 Jul 2005 4:07 Operator: KMI
Sampl : lcs 1905 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2901029.D Vial: 29
Acq On : 07 Jul 2005 4:33 Operator: KMI
Sample : 0507-0012 5x PR 07-07-05 Inst : FID3
Misc : B-51 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.26f	401314	10.049 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	40.20%#
Target Compounds			
2) H M Diesel Range Organics	7.00	18089090	443.818 mg/L X5 = 2220 mg/kg
3) H Oil Range Organics	15.00	5161353	126.634 mg/L X5 = 630 mg/kg

PR 07-07-05

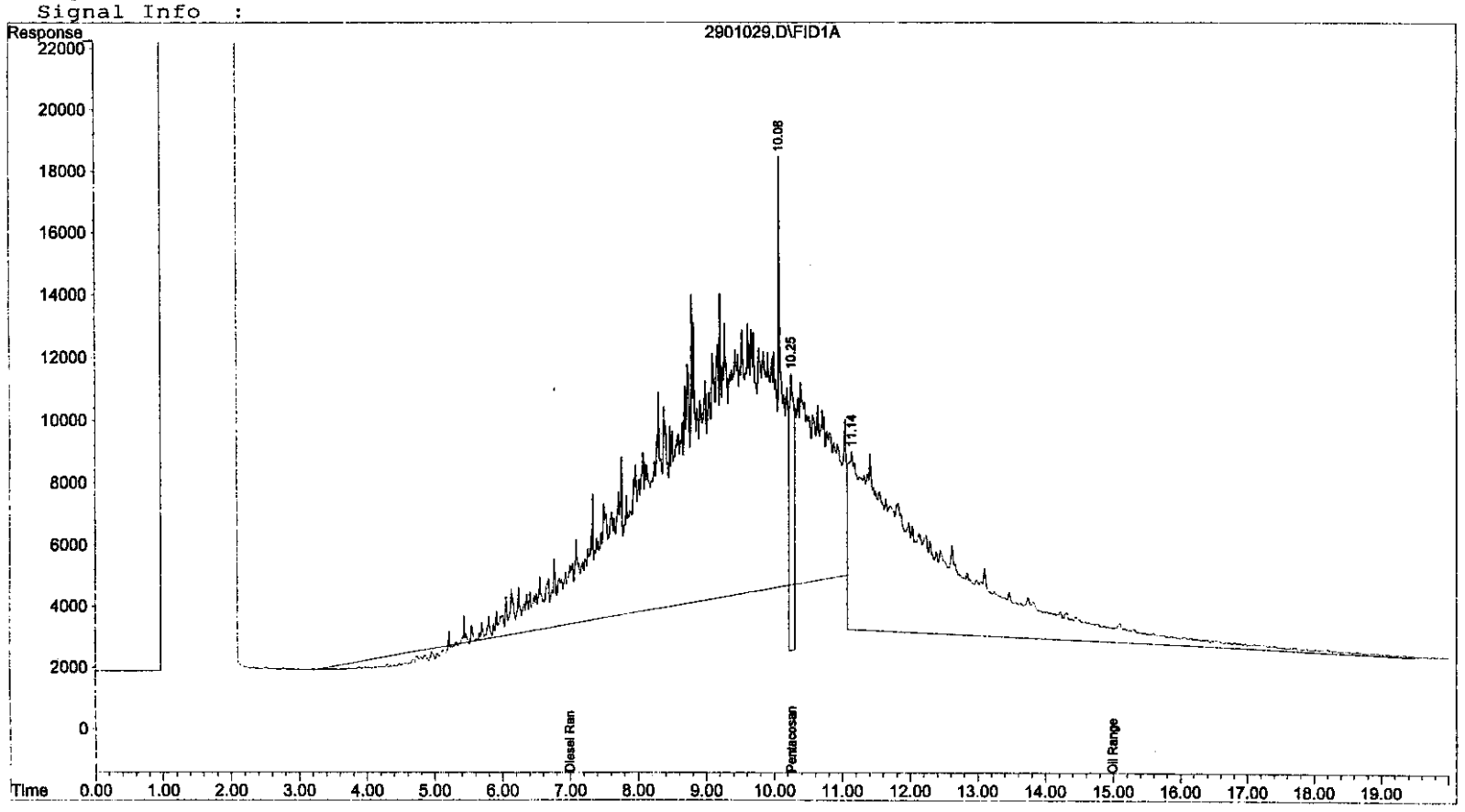
Note: Surrogate standard was not recovered due to sample dilution PR 07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
2901029.D 050331.M Thu Jul 07 08:07:58 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2901029.D Vial: 29
Acq C : 07 Jul 2005 4:33 Operator: KMI
Sampl : 0507-0012 5X 07-07-05 Inst : FID3
Misc : B-51 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3001030.D Vial: 30
Acq On : 07 Jul 2005 4:58 Operator: KMI
Sample : 0507-0013 10x Inst : FID3
Misc : B-52 07-07-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	273811	6.856 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	27.42%#
Target Compounds			
2) H M Diesel Range Organics	7.00	17034327	417.939 mg/L x10= ~~4180~~ 4500 mg/L
3) H Oil Range Organics	15.00	2076905	50.957 mg/L x10= ~~50~~ 510 mg/L

Note: Surrogate standard was not recovered due to sample dilution

07-07-05

07-07-05

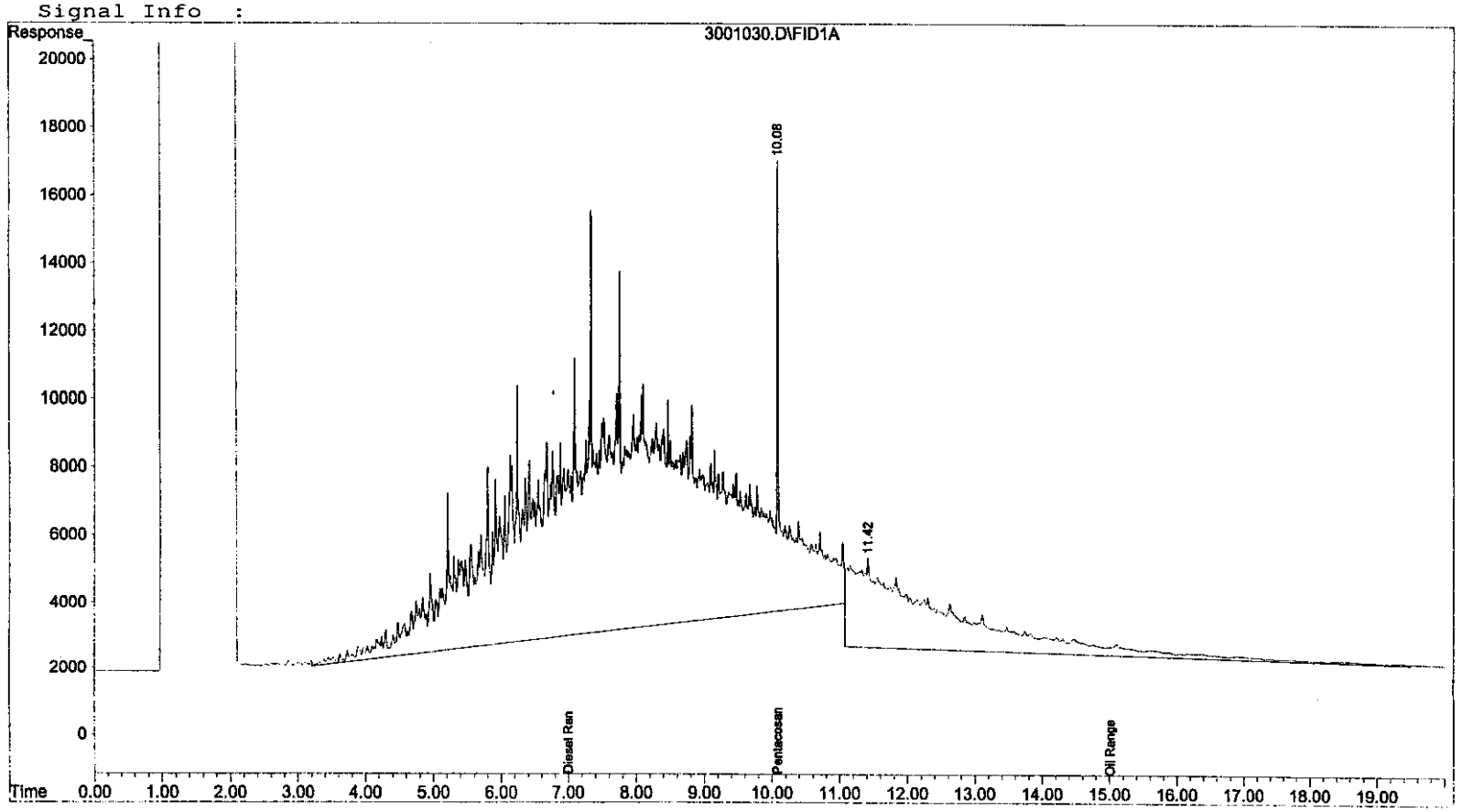
07-07-05

(f)=RT Delta > 1/2 Window (m)=manual int.
3001030.D 050331.M Thu Jul 07 08:08:36 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3001030.D Vial: 30
Acq C : 07 Jul 2005 4:58 Operator: KMI
Sampl : 0507-0013 10X 07-07-05 Inst : FID3
Misc : B-52 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3101031.D Vial: 31
Acq On : 07 Jul 2005 5:24 Operator: KMI
Sample : 0507-0014 40X Inst : FID3
Misc : B-53 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.26f	255225	6.391 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	25.56%#
Target Compounds			
2) H M Diesel Range Organics	7.00	8690384	213.220 mg/L x40 = 8530 mg/L
3) H Oil Range Organics	15.00	2538304	62.278 mg/L x40 = 2490 mg/L

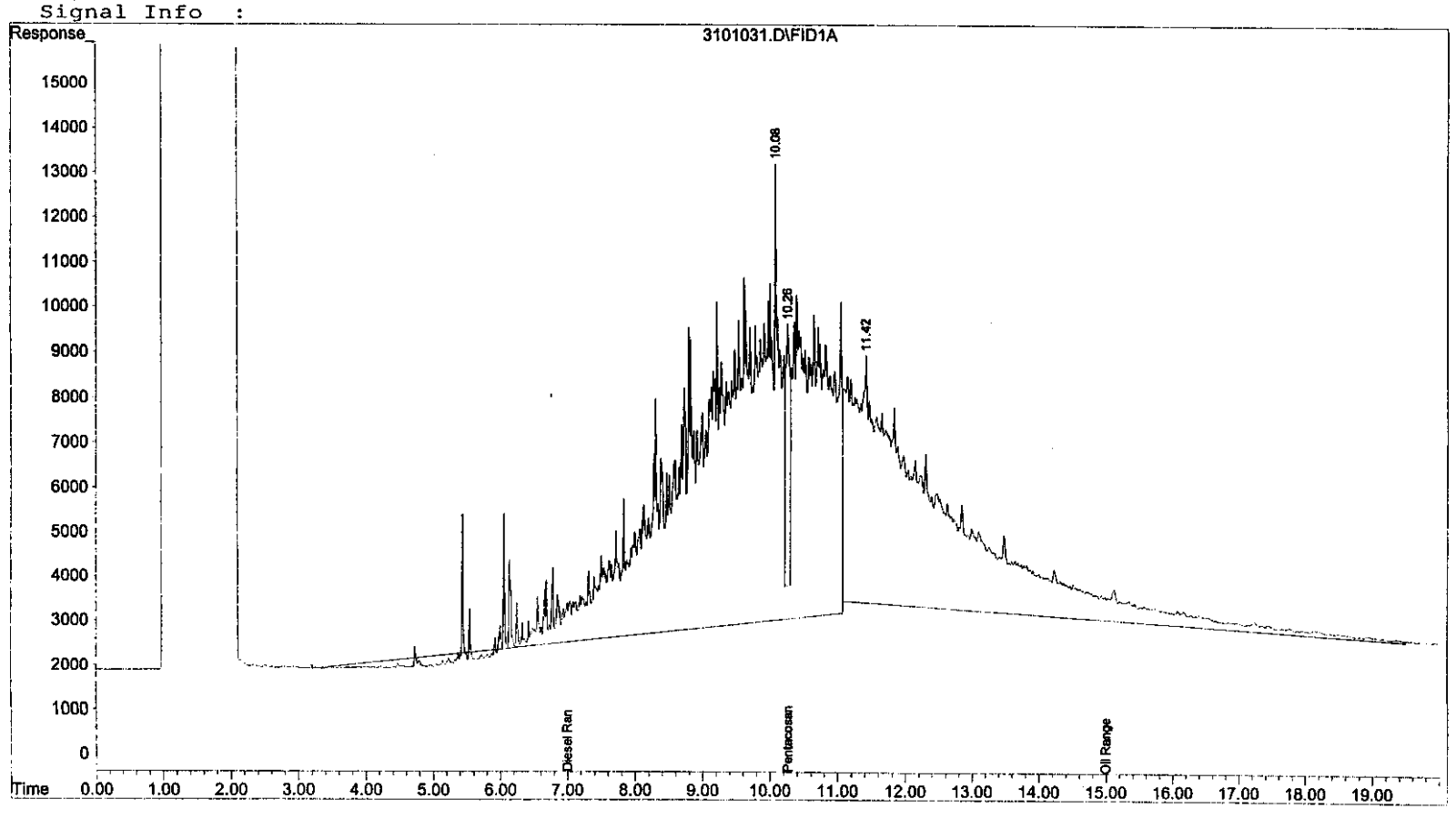
pr 07-07-05

Note: Surrogate standard was not recovered due to sample dilution
pr 07-07-05

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3101031.D Vial: 31
Acq C : 07 Jul 2005 5:24 Operator: KMI
Sample : 0507-0014 40X *k* Inst : FID3
Misc : B-53 07-07-05 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



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July 14, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on June 30, 2005. Please reference Pace project number 05-1567 when inquiring about this report.

Client Site: 98-000208
Client Ref.: Corco Flores Park

Pace Sample Identification	Client Sample Identification
0506-1762	FPEI-MW-1
0506-1763	FPEI-MW-2
0506-1764	FPEI-MW-A
0506-1765	6
0506-1766	EB

Pace Sample Identification	Client Sample Identification
0506-1767	FB
0506-1768	TB
0506-1769	EB-4
0506-1770	FB-4

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Milton Martinez Barreto
Project Manager

MMB: mmb

Enclosures

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1762**
Client Sample ID: **FPEI-MW-1**
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Corco Flores Park

Date Sampled: 06/29/2005
Date Received: 06/30/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/06/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/06/2005	0001904-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/01/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/01/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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07/15/05
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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: 98-000208
Client Ref.: Corco Flores Park

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1763**
Client Sample ID: **FPEI-MW-2**
Sample Matrix: Aqueous

Date Sampled: 06/29/2005
Date Received: 06/30/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/06/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/06/2005	0001904-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/01/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/01/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. GRO/BTEX sample preservation does not meet EPA recommendations for pH.

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Dorado, PR 00646-1054

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1764**
Client Sample ID: **FPEI-MW-A**
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Corco Flores Park

Date Sampled: 06/29/2005
Date Received: 06/30/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/06/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/06/2005	0001904-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/01/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/01/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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REPORT OF LABORATORY ANALYSIS

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Client Site: 98-000208
Client Ref.: Corco Flores Park

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1765**
Client Sample ID: **6**
Sample Matrix: Aqueous

Date Sampled: 06/29/2005
Date Received: 06/30/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/06/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/06/2005	0001904-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.50	0.50	mg/L	RGG	07/01/2005	0001917-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.025	0.025	mg/L	RGG	07/01/2005	0001916-1	<0.0050
Ethylbenzene	8021B(1)	<0.025	0.025	mg/L	RGG	07/01/2005	0001916-1	<0.0050
Toluene	8021B(1)	<0.025	0.025	mg/L	RGG	07/01/2005	0001916-1	<0.0050
m,p-Xylene	8021B(1)	<0.050	0.050	mg/L	RGG	07/01/2005	0001916-1	<0.010
o-Xylene	8021B(1)	<0.025	0.025	mg/L	RGG	07/01/2005	0001916-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample received with headspace. The GRO/BTEX sample was diluted due to foam-over during the initial purge.

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Client Site: 98-000208
Client Ref.: Corco Flores Park

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1766**
Client Sample ID: **EB**
Sample Matrix: Aqueous

Date Sampled: 06/29/2005
Date Received: 06/30/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/01/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/01/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Client Site: 98-000208
Client Ref.: Corco Flores Park

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1767**
Client Sample ID: **FB**
Sample Matrix: Aqueous

Date Sampled: 06/29/2005
Date Received: 06/30/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/01/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/01/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Client Site: 98-000208
Client Ref.: Corco Flores Park

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1768**
Client Sample ID: **TB**
Sample Matrix: Aqueous

Date Sampled: 06/29/2005
Date Received: 06/30/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/01/2005	0001901-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/01/2005	0001900-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/01/2005	0001900-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1567**
Lab Sample ID: **0506-1769**
Client Sample ID: **EB-4**
Sample Matrix: Aqueous

Client Site: 98-000208
Client Ref.: Corco Flores Park

Date Sampled: 06/29/2005
Date Received: 06/30/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/06/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/06/2005	0001904-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Client Site: 98-000208
Client Ref.: Corco Flores Park

Lab Project ID: **05-1567**
Lab Sample ID: **0506-1770**
Client Sample ID: **FB-4**
Sample Matrix: Aqueous

Date Sampled: 06/29/2005
Date Received: 06/30/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/06/2005	0001904-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/06/2005	0001904-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Approved by: _____ Date: July 15, 2005

ESTADO LIBRE ASOCIADO DE PUERTO RICO
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REPORT OF LABORATORY ANALYSIS

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Data File Name **0501005.D**
Date Acquired **06 Jul 2005 18:15**
Method File **DROFID3.M**
Sample Name **lcs 1904**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	27.82	25	111	80-144	Pass
Diesel Range Organics	1149.35	1000	115	70 - 130	Pass

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integra
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

Non-Spiked Sample: 2301023.D

	Spike Sample	Spike Duplicate Sample
File ID :	2401024.D	2601026.D
Sample :	0507-0109 ms	0507-0109 msd
Acq Time:	07 Jul 2005 2:24	07 Jul 2005 3:16

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.4	1000	1171	1176	117	117	0	20	70-130

- Fails Limit Check

050331.M Thu Jul 07 15:01:30 2005 MSAD1

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	DCM	N/A	N/A	0101001	1	N/A	N/A	07-04-05	[illegible]	
2		DCM			0201002	2					
3		ICCCCU	↓		0301003	3	↓	↓			
4		MB	1904		0401004	4	Aqueous	10			
5	↓	LCS		↓	0501005	5					
6	05-1567	0506-1762		FPET-MW-1	0601006	6					
7		-1763		FPET-MW-2	0701007	7					
8		-1764		FPET-MW-4	0801008	8					
9		-1765		6	0901009	9					
10		-1769		EB-4	1001010	10					
11	↓	↓ -1770		EB-4	1101011	11					
12	05-1579	0504-0005		EB-6	1201012	12					
13	05-1580	↓ -0006		FPET-MW-3	1301013	13					
14	N/A	ICCCCU	↓	N/A	1401014	14	↓	↓	↓	↓	

Surrogate ID: SUG-1-0108 LCS/MS/MSD Spike ID: SUG-1-0070 ICV/CCV Spike ID: SSV-1-0004 DCM ID: GC-1-1051

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: ____ LCS/MS/MSD Spike ID: ____ ICV/CCV Spike ID: ____ DCM ID: ____

[illegible] 07-04-05 N/A 07-03-05

P.O. Box 323, San German, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1580	0007-0022	1904	FPEI-MW-3	1501015	15	Aqueous	10	07-06-05	[illegible]	
2		-0027		FPEI-MW-4	1601016	16					
3		-0025		FPEI-MW-5	1701017	17					
4		-0033		EB-5	1801018	18			Ditto		
5	Ditto	-0034		FB-5	1901019	19			07-07-05		
6	05-1579	-0035		FB-6	2001020	20					
7	05-1578	-0107		TB	2101021	21					
8		-0108		FB	2201022	22					
9		-0109		EB	2301023	23					
10	Ditto	Ditto -0109		Ditto	2401024	24					MS
11	N/A	1000000		N/A	2501025	25					
12	05-1578	0009-0109	Ditto	EB	2601026	26	Ditto	Ditto			MSD
13	N/A	MB	1905	N/A	2701027	27	Soil	1			SUGC-1-011F - Surr.
14	Ditto	LCS	Ditto	Ditto	2801028	28	Ditto	Ditto	Ditto	Ditto	SUGC-1-0004 Std.

Surrogate ID: SUGC-1-010B LCS/MS/MSD Spike ID: SUGC-1-007C ICV/CCV Spike ID: SUGC-1-004 DCM ID: GC-1-105D

Surrogate ID: SUGC-1-011F LCS/MS/MSD Spike ID: SUGC-1-0004 ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: DCM ID:

[illegible] 07-07-05 [illegible] 07-07-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	CS-1579	007-0012	1905	B-51	3901029	29	Soil	5X	07-07-05	[illegible]	
2		-0013		B-52	3001030	30		10X			
3		-0014		B-53	3101031	31		40X			SLCG-1-011F
4		-0015		B-54	3201032	32		5X			
5		-0016		B-55	3301033	33		5X			
6		-0017		B-56	3401034	34		1			
7		-0018		B-57	3501035	35		5X			
8		1000000		N/A	3601036	36		N/A			
9		007-0019		B-58	3701037	37		5X			
10		-0020		B-59	3801038	38					
11		-0021		B-510	3901039	39					
12	CS-1588	-0110		PT-01	4001040	40		1			
13		-0111		PT-02	4101041	41					
14		-0112		PT-03	4201042	42					

Surrogate ID: SCGC-1-011E LCS/MS/MSD Spike ID: SCGC-1-002A ICV/CCV Spike ID: SSQ-1-004 DCM ID: GC-1-105D

Surrogate ID: SCGC-1-010B LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

[illegible] 07-07-05 NA [illegible] 07-07-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Book # 3

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	N/A	MB	1905	07-05-05	M	10.03g	10	1	
2	"	LCS				10.05g			
3	05-1579	0507-0012				10.01g			
4		-0013				10.04g			
5		-0014				9.99g			SOGC-1-011F
6		-0015				9.98g			M
7		-0016				10.07g			07-05-05
8		-0017				10.01g			
9		-0018				10.00g			
10		-0019				10.09g			
11		-0020				9.97g			
12	"	-0021				10.07g			
13	05-1588	-0110				9.94g			
14		-0111				9.95g			
15		-0112				9.96g			
16		-0113				9.96g			
17		-0114				9.92g			
18		-0115				9.97g			
19	"	-0114	"	"	"	9.95g	"	"	MS
20	N/A	MB	1904			30mL	3	10	MSD
21	"	LCS							
22	05-1567	0506-A62							
24		-1743							SOGC-1-007C
25	"	-1744	"	"	"	"	"	"	M 07-05-05

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 031113 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050624 Exp. Date: 06-10
Surrogate ID: SOGC-1-011F SOGC-1-010B
LCS/MS/MSD ID: SOGC-1-002A SOGC-1-007C

Spike Witness: 7/05/05

VERIFIED AND APPROVED BY: [illegible]

DATE: 7/07/05

M 07-05-05 N/A M 07-05-05

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	05-1567	0506-1765	1904	07-05-05	[illegible]	30mL	3	10	
2		-1769							
3		-1770							
4	05-1580	0507-0026							
5	05-1579	-0025							
6	05-1580	-0027							
7		-0028							
8		-0029							
9		-0033							
10		-0034							
11	05-1579	-0035							
12	05-1588	-0107							
13		-0108							
14		-0109							
15		-0109							
16		-0109							MS
17									MSD
18									
19									
20									
21									
22									
24									
25									

[illegible] 07-05-05

Spike Witness: [illegible]

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 031113 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050624 Exp. Date: 06-10
Surrogate ID: SUGC-1-010B LCS/MS/MSD ID: SUGC-1-007C

VERIFIED AND APPROVED BY: [illegible]

DATE: 7/08/05

[illegible] 07-05-05 N/A [illegible] 07-05-05

Form # 1 / PR-O-002 / Rev. 0 / October 25, 2004

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0301003.D Vial: 3
Acq On : 06 Jul 2005 17:24 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1010002	25.290 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	101.16% 101%
Target Compounds			
2) H M Diesel Range Organics	7.00	43240529	1060.912 mg/L 100%
3) H Oil Range Organics	15.00	110009	2.699 mg/L

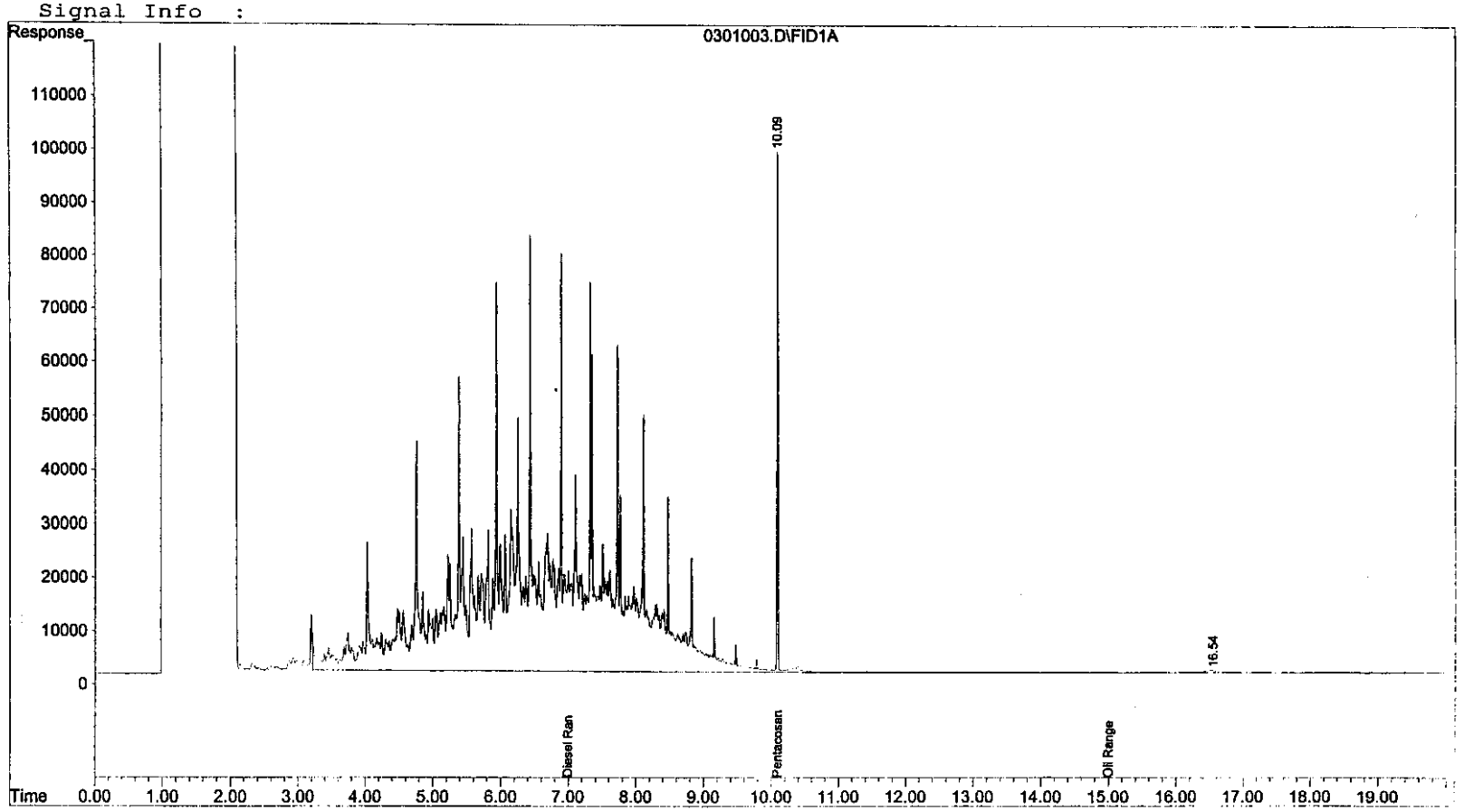
(f)=RT Delta > 1/2 Window (m)=manual int.
0301003.D 050331.M Thu Jul 07 08:01:39 2005 MSAD1 Page 1

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0[illegible]706\0301003.D Vial: 3
Acq On : 06 Jul 2005 17:24 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0401004.D Vial: 4
Acq On : 06 Jul 2005 17:49 Operator: KMI
Sample : mb 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

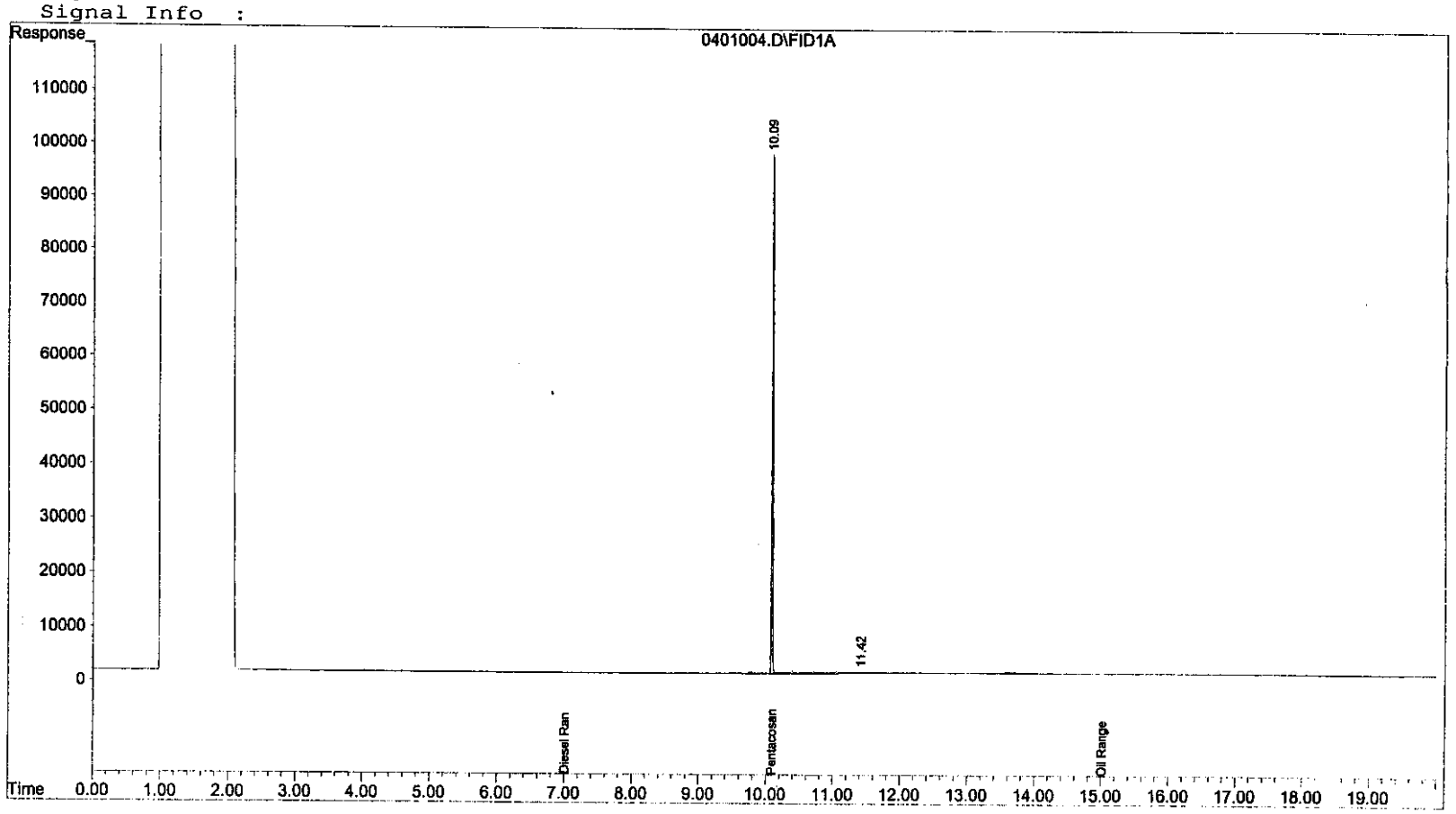
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1017407	25.475 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	101.90% 102%
Target Compounds			
2) H M Diesel Range Organics	7.00	39597	0.972 mg/L
3) H Oil Range Organics	15.00	81067	1.989 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0401004.D Vial: 4
Acq On : 06 Jul 2005 17:49 Operator: KMI
Sample : mb 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0501005.D Vial: 5
Acq On : 06 Jul 2005 18:15 Operator: KMI
Sample : lcs 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1110918	27.817 mg/L 111%
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.27%
Target Compounds			
2) H M Diesel Range Organics	7.00	46845280	1149.355 mg/L 115%
3) H Oil Range Organics	15.00	34780	0.853 mg/L

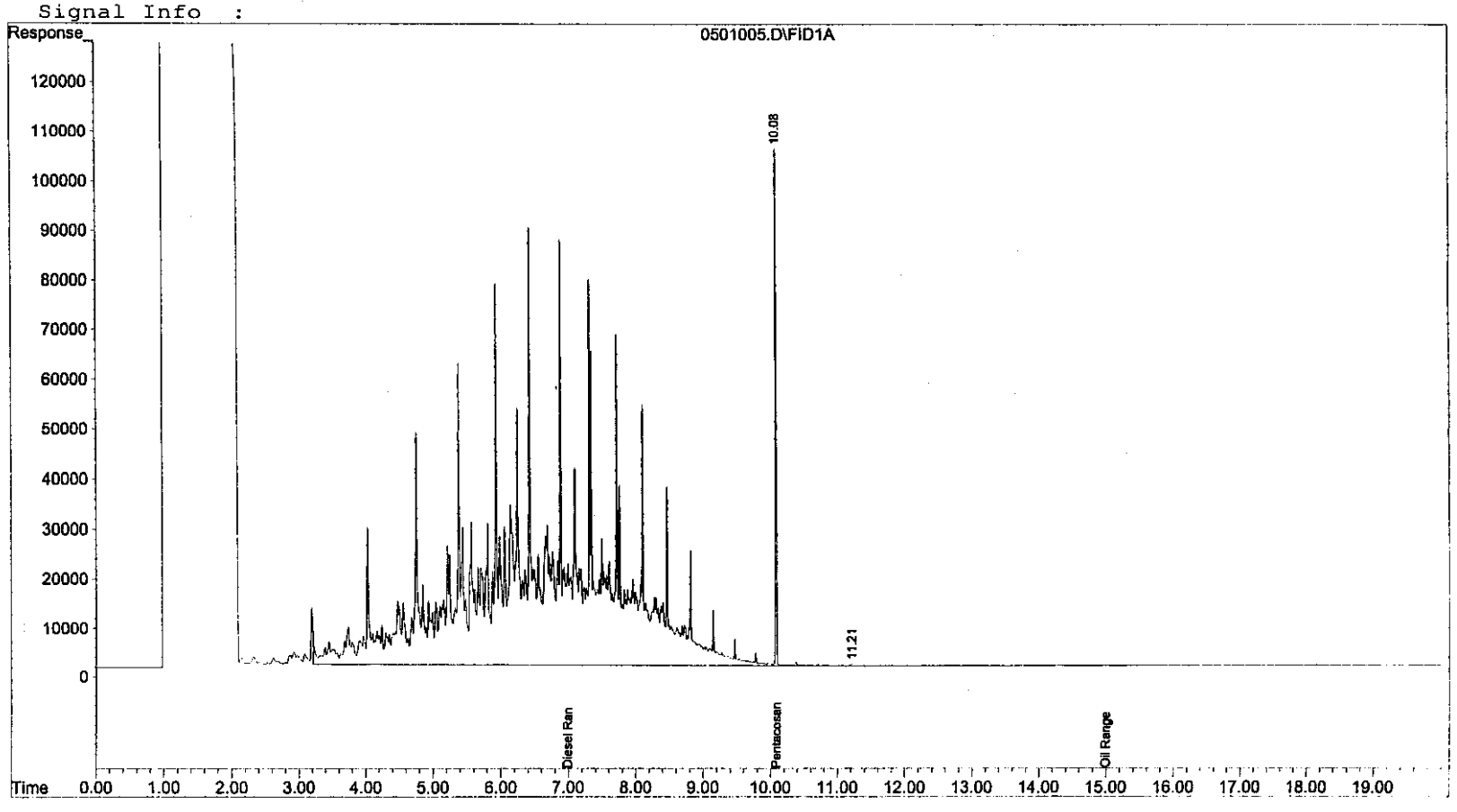
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da . File : O:\ORGANICS\HPCHEM\FID-003\DATA\0. .706\0501005.D Vial: 5
Acq On : 06 Jul 2005 18:15 Operator: KMI
Sample : lcs 1904 Inst : FID3
Misc : Aq Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0601006.D Vial: 6
Acq On : 06 Jul 2005 18:41 Operator: KMI
Sample : 0506-1762 Inst : FID3
Misc : FPEI-MW-1 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

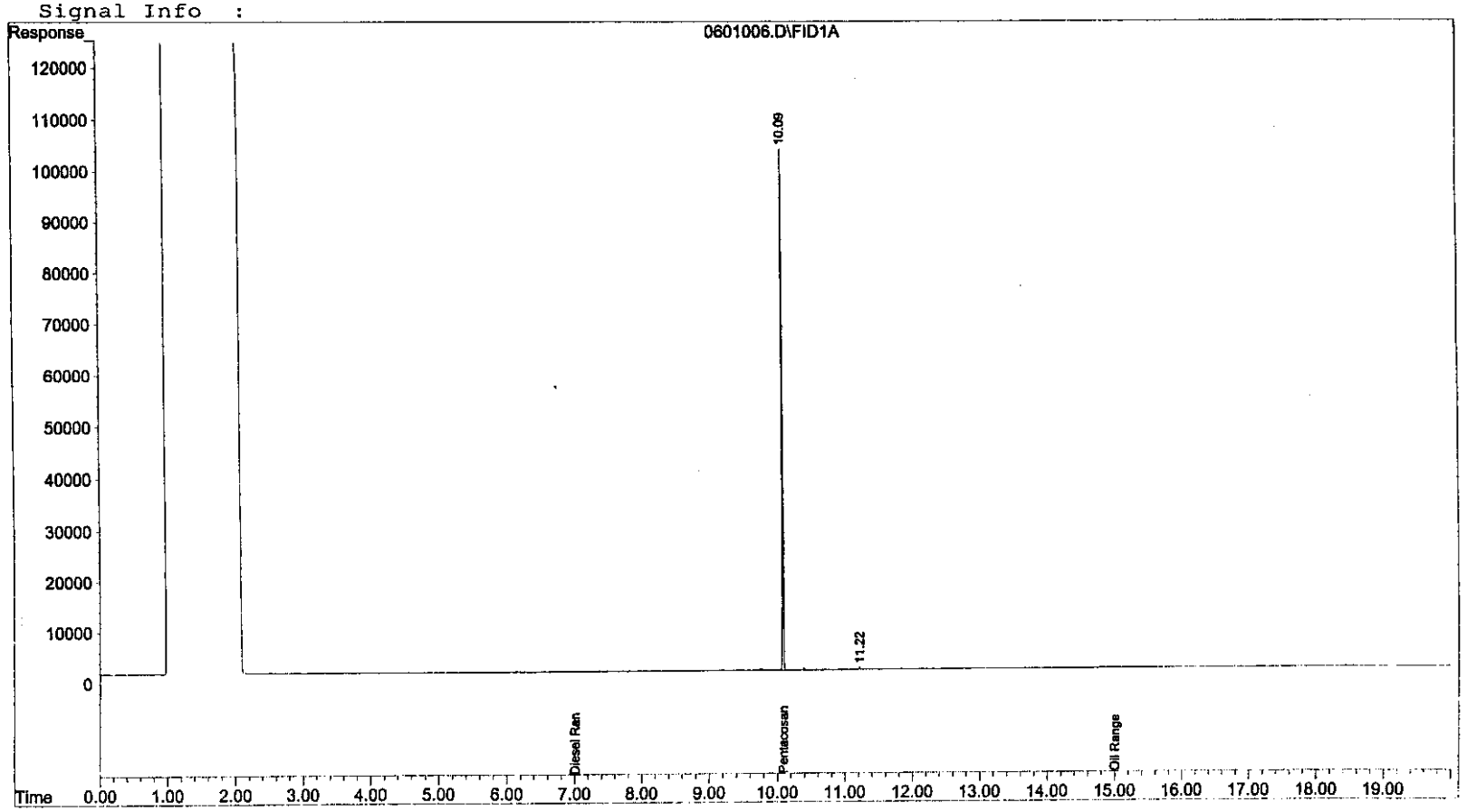
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1044112	26.144 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	104.58% 105%
Target Compounds			
2) H M Diesel Range Organics	7.00	44885	1.101 mg/L
3) H Oil Range Organics	15.00	17912	0.439 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0[illegible]706\0601006.D Vial: 6
Acq On : 06 Jul 2005 18:41 Operator: KMI
Sample : 0506-1762 Inst : FID3
Misc : FPEI-MW-1 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0701007.D Vial: 7
Acq On : 06 Jul 2005 19:07 Operator: KMI
Sample : 0506-1763 Inst : FID3
Misc : FPEI-MW-2 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

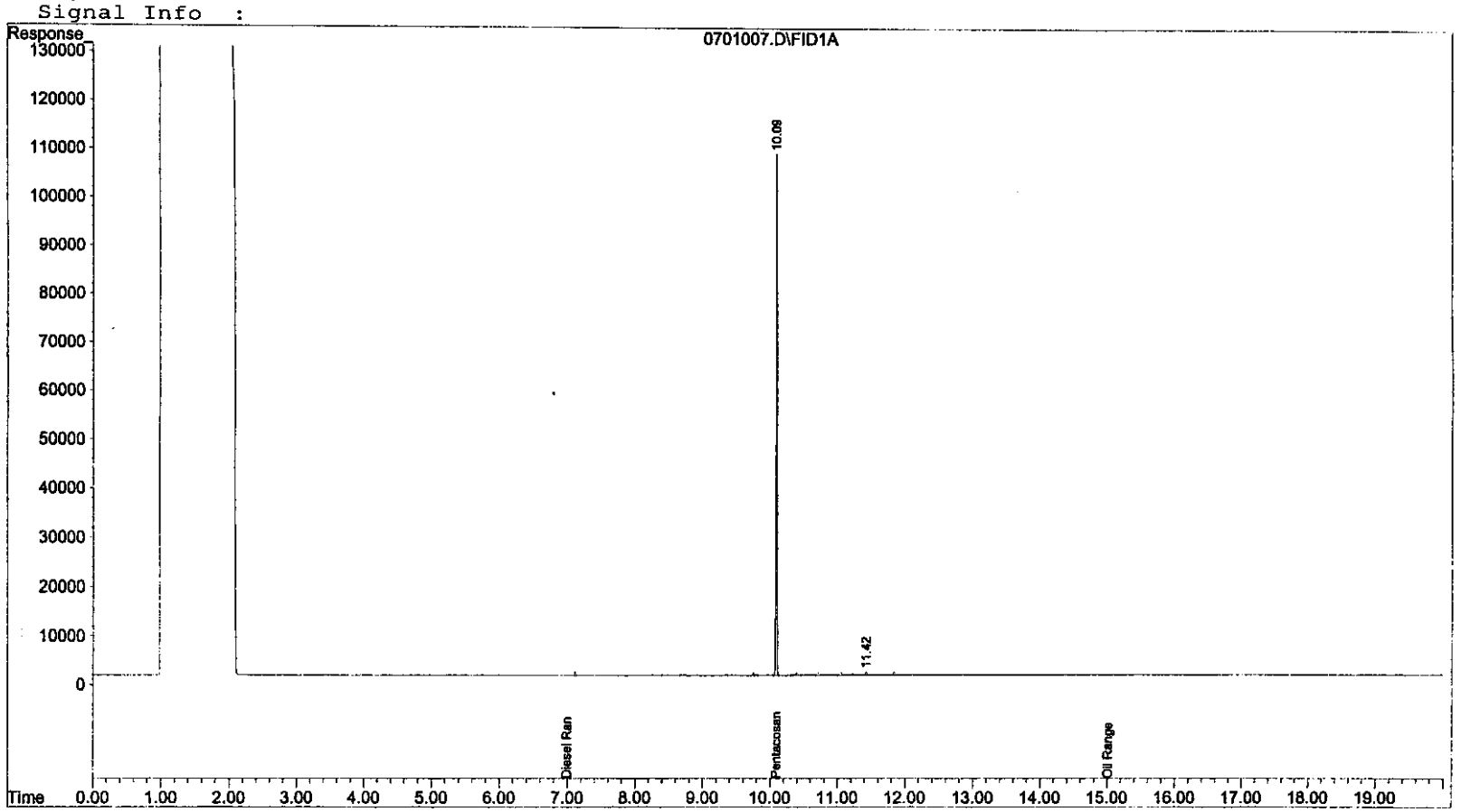
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1124893	28.167 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	112.67% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	59628	1.463 mg/L
3) H Oil Range Organics	15.00	37392	0.917 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0[illegible]706\0701007.D Vial: 7
Acq On : 06 Jul 2005 19:07 Operator: KMI
Sample : 0506-1763 Inst : FID3
Misc : FPEI-MW-2 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0801008.D Vial: 8
Acq On : 06 Jul 2005 19:32 Operator: KMI
Sample : 0506-1764 Inst : FID3
Misc : FPEI-MW-A Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

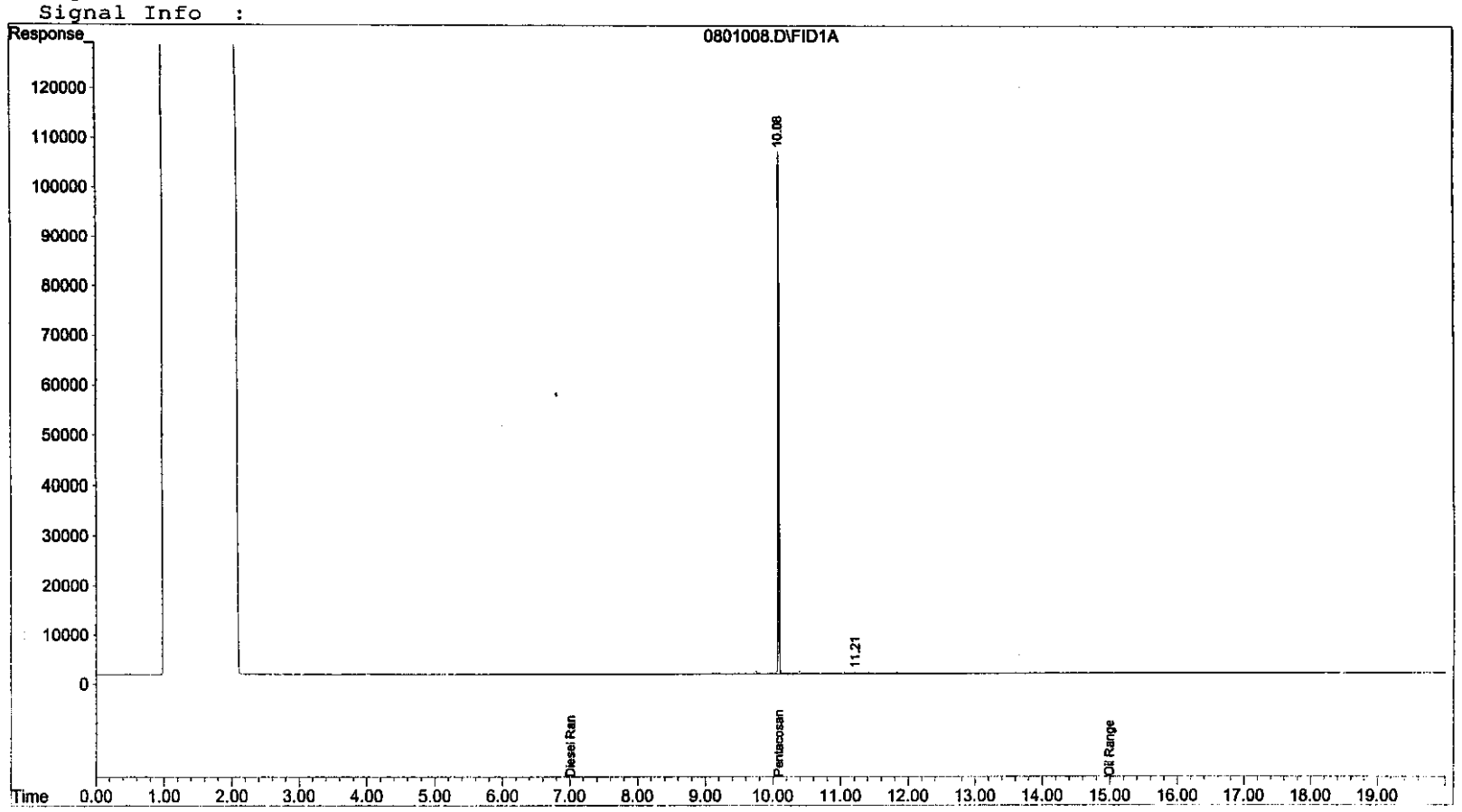
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1091816	27.339 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.36% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	53911	1.323 mg/L
3) H Oil Range Organics	15.00	17438	0.428 mg/L

Quantitation Report

D. . File : O:\ORGANICS\HPCHEM\FID-003\DATA\C 706\0801008.D Vial: 8
Acq On : 06 Jul 2005 19:32 Operator: KMI
Sample : 0506-1764 Inst : FID3
Misc : FPEI-MW-A Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\0901009.D Vial: 9
Acq On : 06 Jul 2005 19:58 Operator: KMI
Sample : 0506-1765 Inst : FID3
Misc : 6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

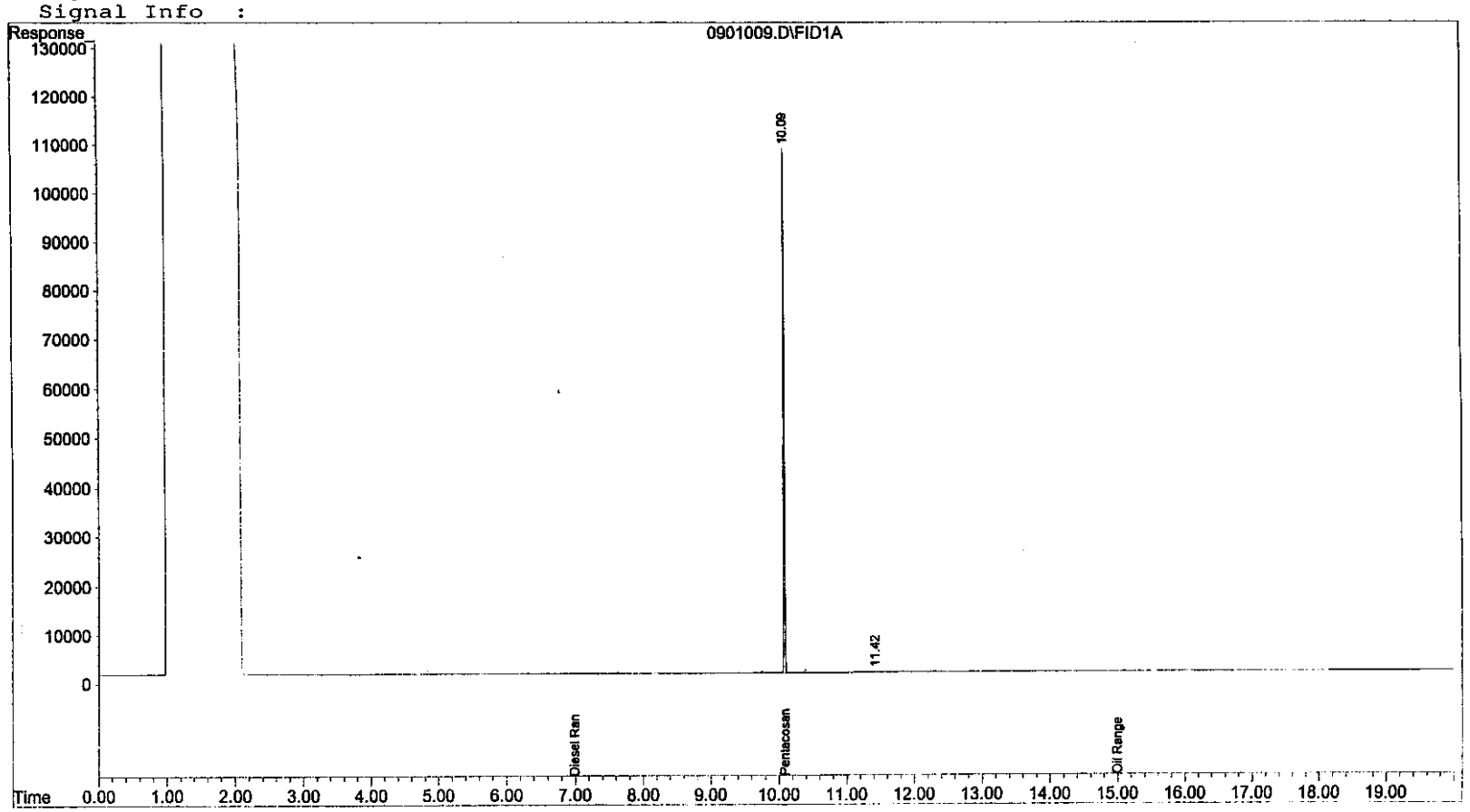
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1101406	27.579 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	110.32% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	77908	1.911 mg/L
3) H Oil Range Organics	15.00	13692	0.336 mg/L

Quantitation Report

Da . File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 706\0901009.D Vial: 9
Acq On : 06 Jul 2005 19:58 Operator: KMI
Sample : 0506-1765 Inst : FID3
Misc : 6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1001010.D Vial: 10
Acq On : 06 Jul 2005 20:24 Operator: KMI
Sample : 0506-1769 Inst : FID3
Misc : EB-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

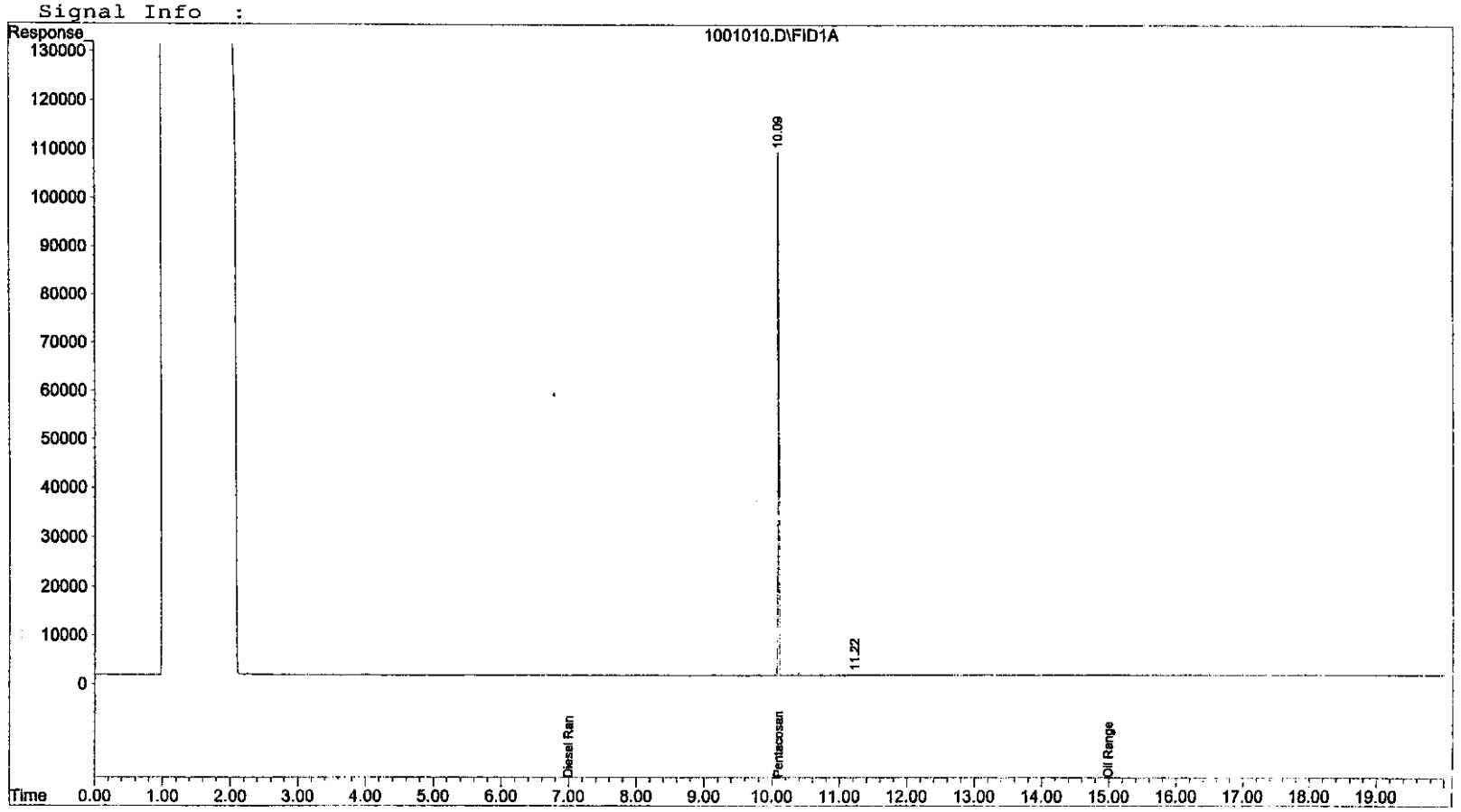
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1109515	27.782 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.13% 111%
Target Compounds			
2) H M Diesel Range Organics	7.00	30499	0.748 mg/L
3) H Oil Range Organics	15.00	9768	0.240 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0706\1001010.D Vial: 10
Acq On : 06 Jul 2005 20:24 Operator: KMI
Sample : 0506-1769 Inst : FID3
Misc : EB-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1101011.D Vial: 11
Acq On : 06 Jul 2005 20:50 Operator: KMI
Sample : 0506-1770 Inst : FID3
Misc : FB-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

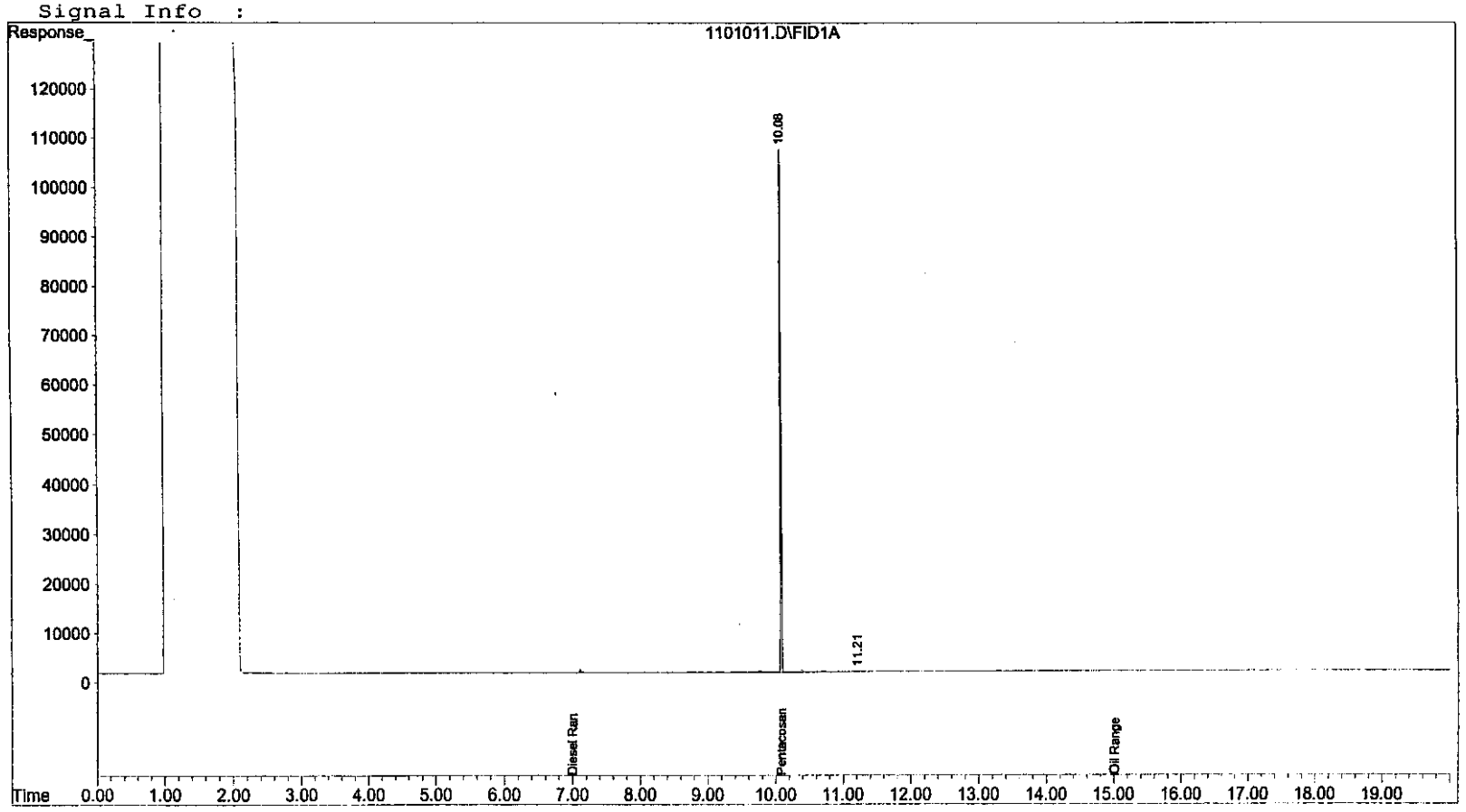
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1120250	28.051 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	112.20% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	36884	0.905 mg/L
3) H Oil Range Organics	15.00	11794	0.289 mg/L

Quantitation Report

D. .a File : O:\ORGANICS\HPCHEM\FID-003\DATA\. J706\1101011.D Vial: 11
Acq On : 06 Jul 2005 20:50 Operator: KMI
Sample : 0506-1770 Inst : FID3
Misc : FB-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\1401014.D Vial: 14
Acq On : 06 Jul 2005 22:07 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:04 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

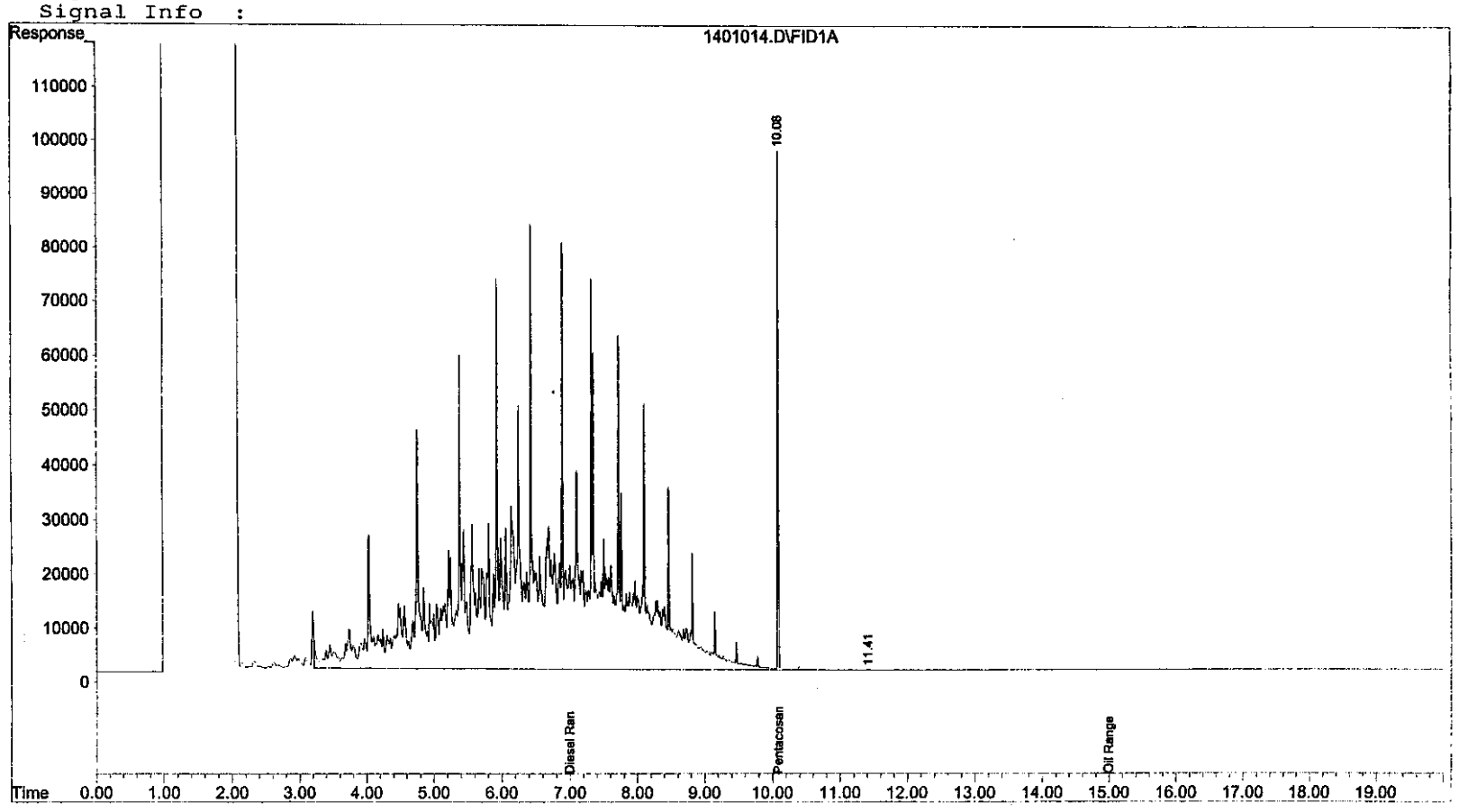
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1009253	25.271 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	101.08% 101%
Target Compounds			
2) H M Diesel Range Organics	7.00	43415522	1065.205 mg/L 107%
3) H Oil Range Organics	15.00	8936	0.219 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 706\1401014.D Vial: 14
Acq On : 06 Jul 2005 22:07 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:04 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2301023.D Vial: 23
Acq On : 07 Jul 2005 1:59 Operator: KMI
Sample : 0507-0109 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

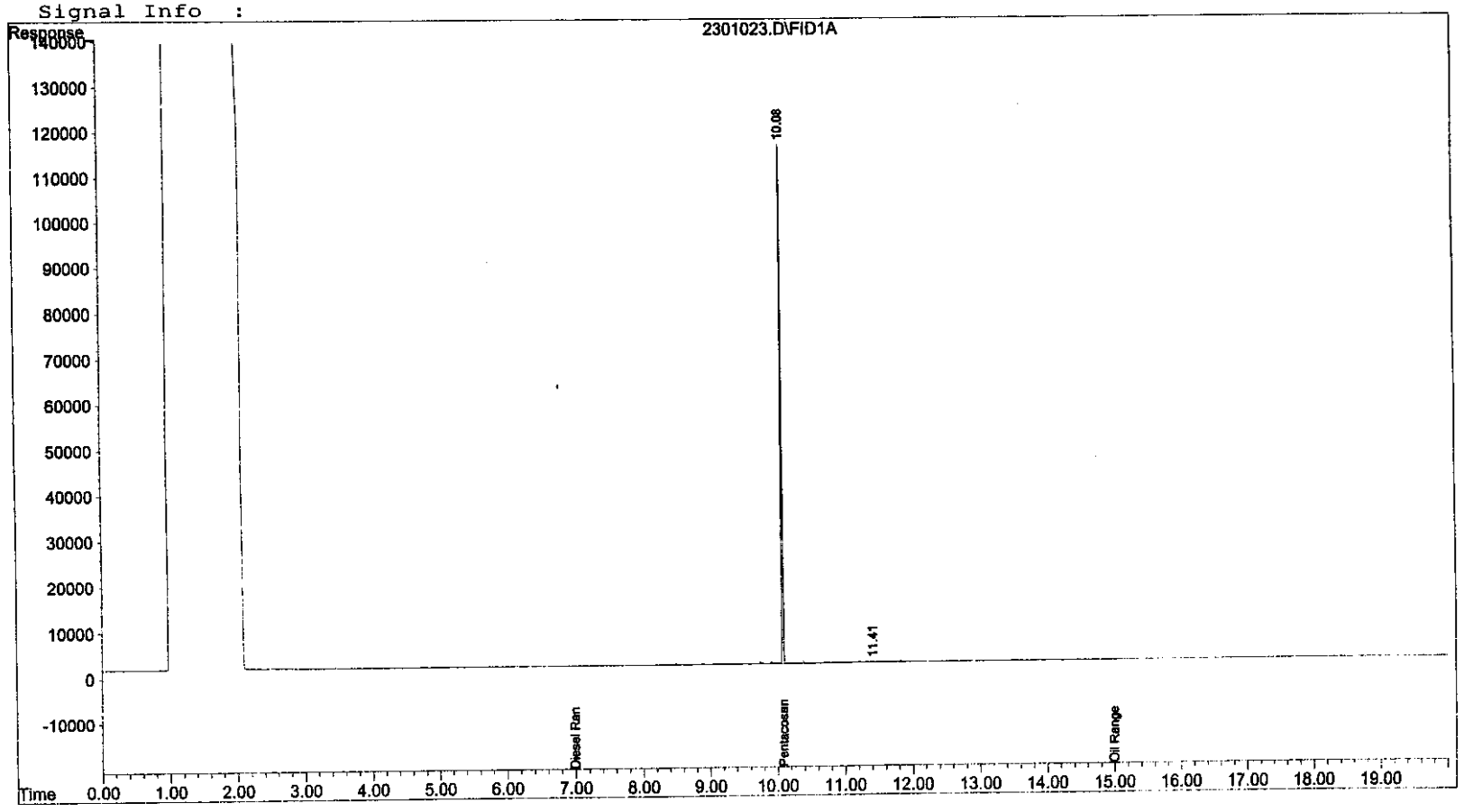
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1237926	30.997 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	123.99% 124%
Target Compounds			
2) H M Diesel Range Organics	7.00	58622	1.438 mg/L
3) H Oil Range Organics	15.00	15607	0.383 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 706\2301023.D Vial: 23
Acq On : 07 Jul 2005 1:59 Operator: KMI
Sample : 0507-0109 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2401024.D Vial: 24
Acq On : 07 Jul 2005 2:24 Operator: KMI
Sample : 0507-0109 ms Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1153437	28.882 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	115.53% 116%
Target Compounds			
2) H M Diesel Range Organics	7.00	47732245	1171.117 mg/L 117%
3) H Oil Range Organics	15.00	15287	0.375 mg/L

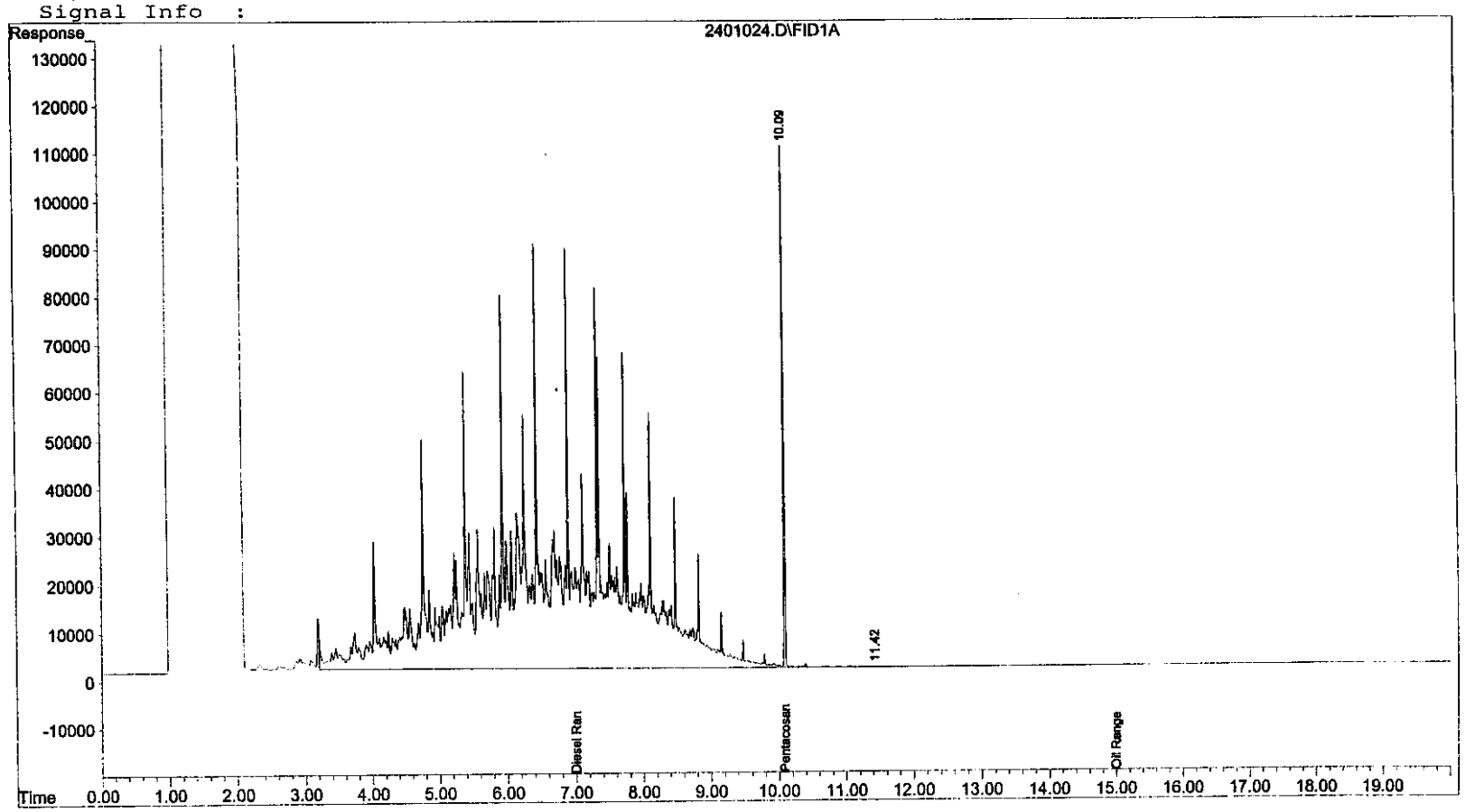
(f)=RT Delta > 1/2 Window (m)=manual int.
2401024.D 050331.M Thu Jul 07 08:06:39 2005 MSAD1 Page 1

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0_J706\2401024.D Vial: 24
Acq On : 07 Jul 2005 2:24 Operator: KMI
Sample : 0507-0109 ms Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2501025.D Vial: 25
Acq On : 07 Jul 2005 2:50 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1004917	25.163 mg/L 101%
Spiked Amount 25.000 Range 80 - 144		Recovery =	100.65%
Target Compounds			
2) H M Diesel Range Organics	7.00	43671973	1071.497 mg/L 107%
3) H Oil Range Organics	15.00	5546	0.136 mg/L

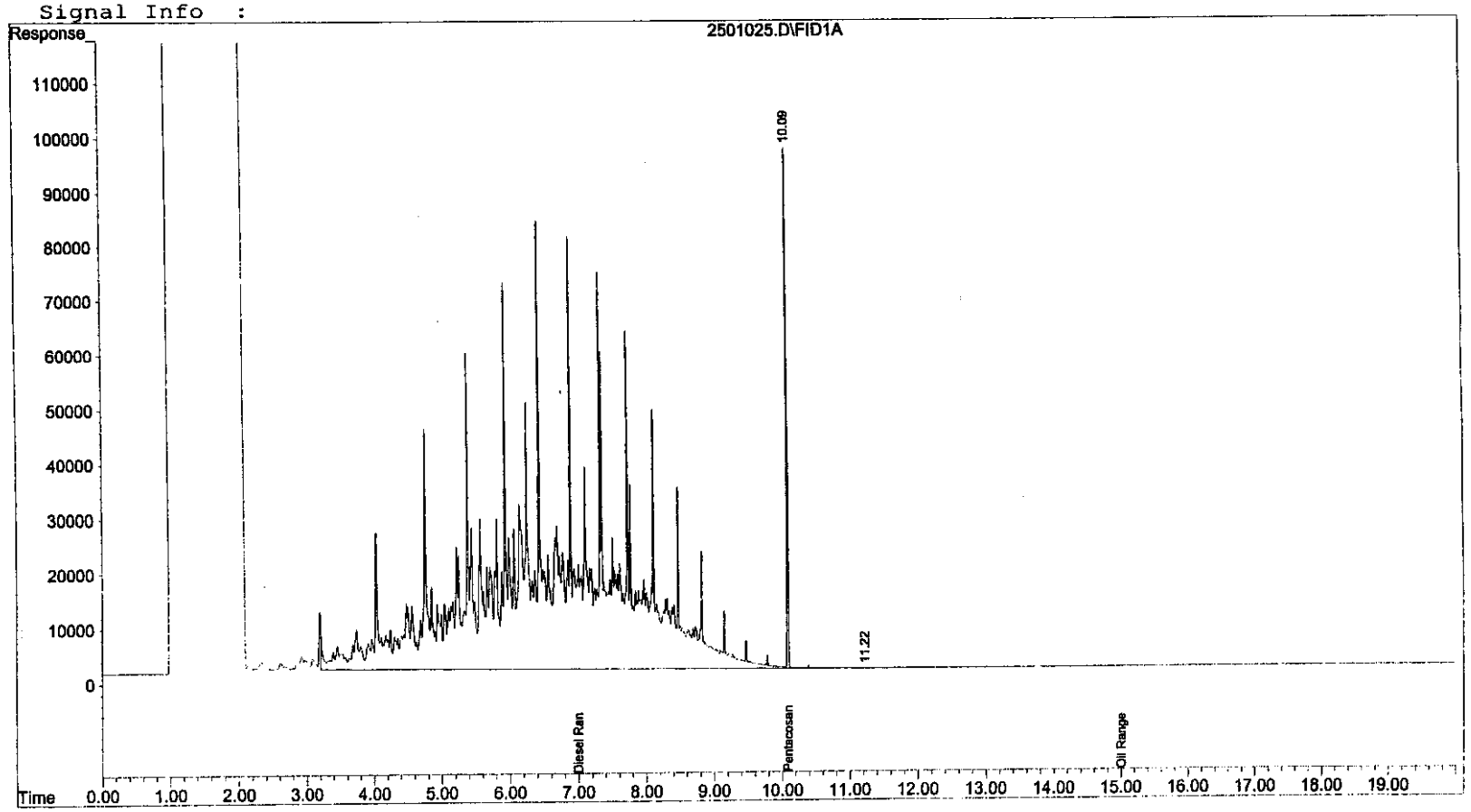
(f)=RT Delta > 1/2 Window (m)=manual int.
2501025.D 050331.M Thu Jul 07 08:06:57 2005 MSAD1 Page 1

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 706\2501025.D Vial: 25
Acq On : 07 Jul 2005 2:50 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\2601026.D Vial: 26
Acq On : 07 Jul 2005 3:16 Operator: KMI
Sample : 0507-0109 msd Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

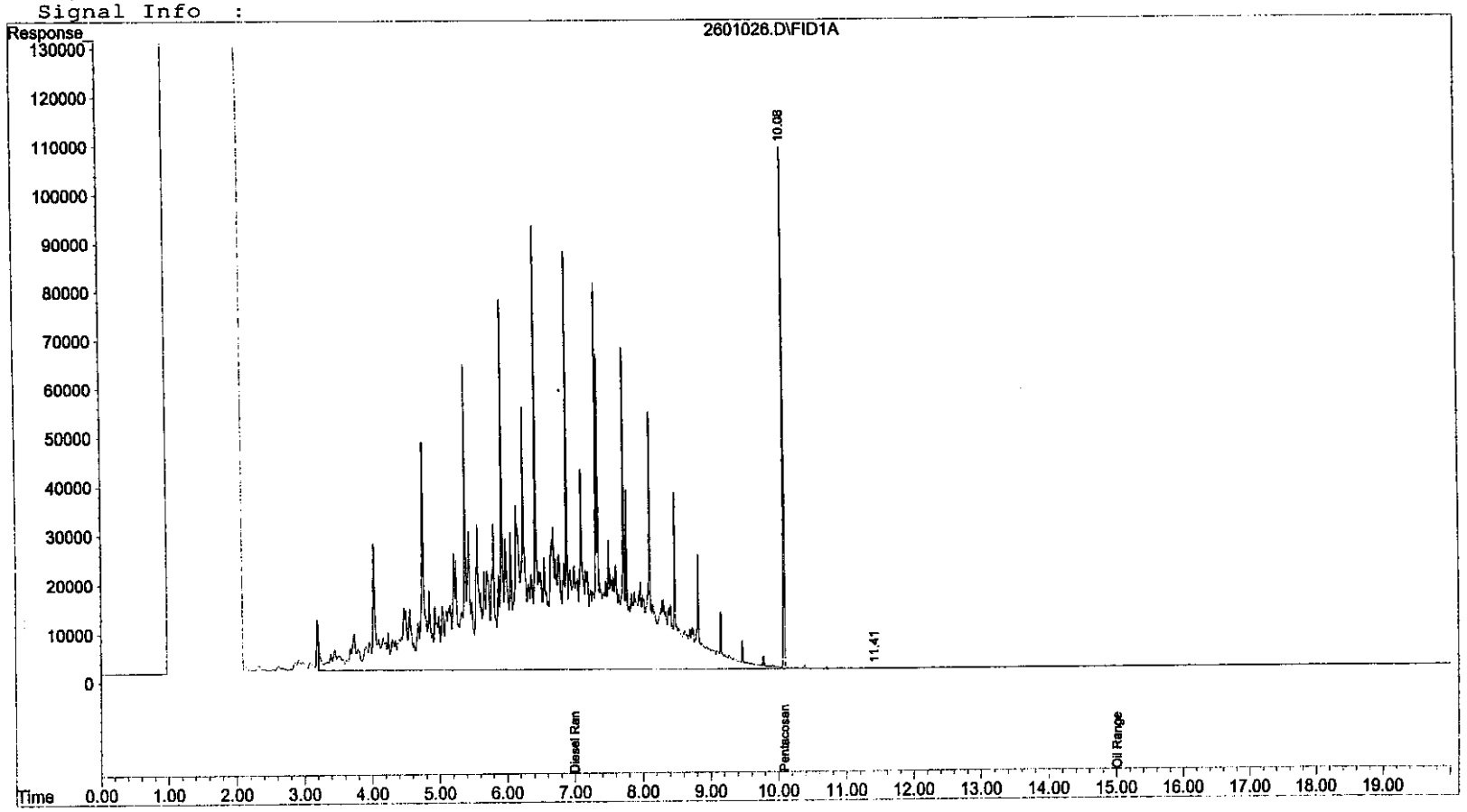
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1172248	29.353 mg/L 117%
Spiked Amount 25.000 Range 80 - 144		Recovery =	117.41%
Target Compounds			
2) H M Diesel Range Organics	7.00	47912254	1175.533 mg/L 118%
3) H Oil Range Organics	15.00	19838	0.487 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0_706\2601026.D Vial: 26
Acq On : 07 Jul 2005 3:16 Operator: KMI
Sample : 0507-0109 msd Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050706\3601036.D Vial: 36
Acq On : 07 Jul 2005 7:33 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:40 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

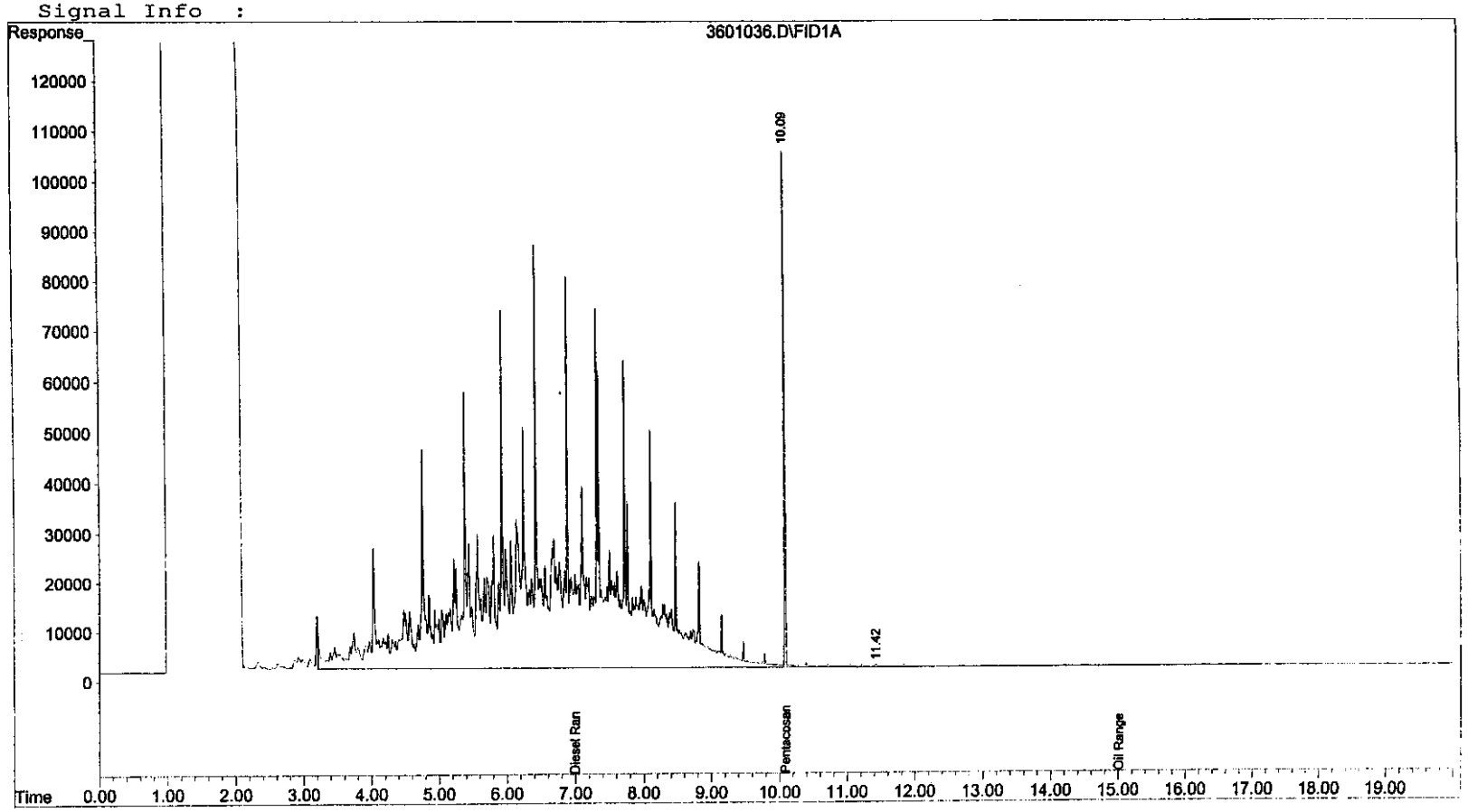
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1083501	27.130 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	108.52% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	43523175	1067.846 mg/L 107%
3) H Oil Range Organics	15.00	69700	1.710 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 706\3601036.D Vial: 36
Acq On : 07 Jul 2005 7:33 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 7 9:40 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

AD 7/01/05

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-341	is1	GC-S-1-346	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-340	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	MB Aq	n/a	1900/1901	001F0101	Water	5mL	1	6/30/05 16:56	Opening CCV's from Close of previous run.
2	n/a	LCS Aq	n/a	1900/1901	002F0201	Water	5mL	1	6/30/05 17:28	**Run# 3729**
3	n/a	LCSD Aq	n/a	1900/1901	003F0301	Water	5mL	1	6/30/05 18:00	
4	05-1554	1666	<2	1900/1901	004F0401	Water	5mL	1	6/30/05 18:33	
5	05-1554	1667	<2	1900/1901	005F0501	Water	5mL	1	6/30/05 19:05	
6	05-1554	1668	<2	1900/1901	006F0601	Water	5mL	1	6/30/05 19:37	
7	n/a	MB Sol	n/a	1902/1903	007F0701	Soil	10.00g	1	6/30/05 20:10	
8	n/a	LCS Sol	n/a	1902/1903	008F0801	Soil	5.00g	1	6/30/05 20:42	
9	05-1554	1657	n/a	1902/1903	009F0901	Soil	10.01g	1	6/30/05 21:14	
10	05-1554	1657MS	n/a	1902/1903	010F1001	Soil	5.01g	1	6/30/05 21:47	
11	n/a	GRO CCV	n/a	n/a	011F1101	Water	5mL	1	6/30/05 22:18	
12	n/a	BTEX CCV	n/a	n/a	012F1201	Water	5mL	1	6/30/05 22:50	
13	05-1554	1657SD	n/a	1902/1903	013F1301	Soil	5.03g	1	6/30/05 23:23	
14	05-1554	1658	n/a	1902/1903	014F1401	Soil	10.03g	1	6/30/05 23:55	
15	05-1554	1659	n/a	1902/1903	015F1501	Soil	10.00g	1	7/1/05 0:27	**Run# 3730**
16	05-1554	1660	n/a	1902/1903	016F1601	Soil	9.99g	1	7/1/05 0:59	
17	05-1554	1661	n/a	1902/1903	017F1701	Soil	9.96g	1	7/1/05 1:31	
18	05-1554	1662	n/a	1902/1903	018F1801	Soil	9.97g	50	7/1/05 2:03	
19	05-1554	1663	n/a	1902/1903	019F1901	Soil	10.01g	1	7/1/05 2:35	
20	05-1554	1664	n/a	1902/1903	020F2001	Soil	10.00g	1	7/1/05 3:08	
21	05-1554	1665	n/a	1902/1903	021F2101	Soil	10.03g	1	7/1/05 3:40	

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-341	is1	GC-S-1-346	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-340	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	n/a	GRO CCV	n/a	n/a	022F2201	Water	5mL	1	7/1/05 4:12	
23	n/a	BTEX CCV	n/a	n/a	023F2301	Water	5mL	1	7/1/05 4:44	
24	05-1567	1762	<2	1900/1901	024F2401	Water	5mL	1	7/1/05 5:16	
25	05-1567	1763	~~<2~~ >2	1900/1901	025F2501	Water	5mL	1	7/1/05 5:48	Sample received unpreserved.
26	05-1567	1764	<2	1900/1901	026F2601	Water	5mL	1	7/1/05 6:20	
27	05-1567	1765	<2	n/a	027F2701	Water	5mL	1	7/1/05 6:51	Foam-over-- Do not Report. Rerun.
28	05-1567	1766	<2	1900/1901	028F2801	Water	5mL	1	7/1/05 7:24	
29	05-1567	1767	<2	1900/1901	029F2901	Water	5mL	1	7/1/05 7:56	
30	05-1567	1768	<2	1900/1901	030F3001	Water	5mL	1	7/1/05 8:28	
31	n/a	GRO CCV	n/a	n/a	031F3101	Water	5mL	1	7/1/05 9:00	
32	n/a	BTEX CCV	n/a	n/a	032F3201	Water	5mL	1	7/1/05 9:33	

DEE 7/01/05

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 001F0101.D

	Spike Sample	Spike Duplicate Sample
File ID :	002F0201.D	003F0301.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	30-Jun-2005, 17:28:27	30-Jun-2005, 18:00:39

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1513	1630	92	99	7	20	70-130
Benzene	0.0	23	27	26	117	113	3	20	70-130
Toluene	0.0	123	123	122	100	99	1	20	70-130
Ethylbenzene	0.0	29	28	25	96	85	11	20	70-130
m,p-Xylene	0.0	103	101	95	98	93	6	20	70-130
o-Xylene	0.0	42	39	40	93	96	3	20	70-130

- Fails Limit Check

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID1A.CH Vial: 41
Acq On : 30-Jun-2005, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID2B.CH Vial: 41
Acq On : 30-Jun-05, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6101	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1623354	103.946 ug/L
Spiked Amount 100.000		Recovery =	103.95%
11) S 4-Bromofluorobenzene	9.45	20929	97.889 ug/L
Spiked Amount 100.000		Recovery =	97.89%
Target Compounds			
1) H T M Gasoline	8.00	25094964	919.696 ug/L
5) T Methyl-tert-butyl ether	1.35	774	15.347 ug/L
6) T M Benzene	2.49	4691	20.998 ug/L
7) T M Toluene	5.17	24663	80.854 ug/L
8) T M Ethylbenzene	7.92	8144	25.824 ug/L
9) T M m,p-Xylene	8.17	27776	69.773 ug/L
10) T M o-Xylene	8.80	9297	28.318 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6788	13.240 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	15101	39.281 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

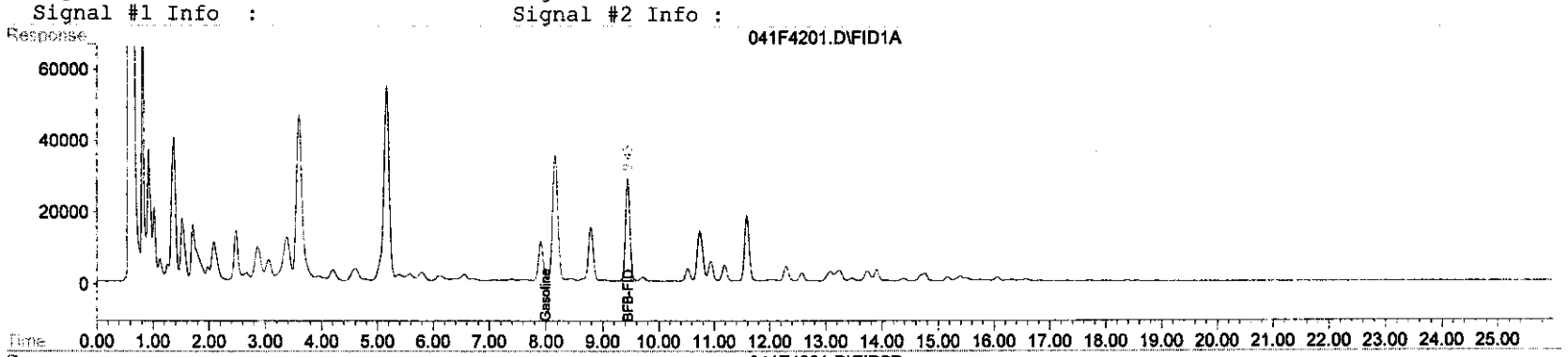
Quantitat'^n Report

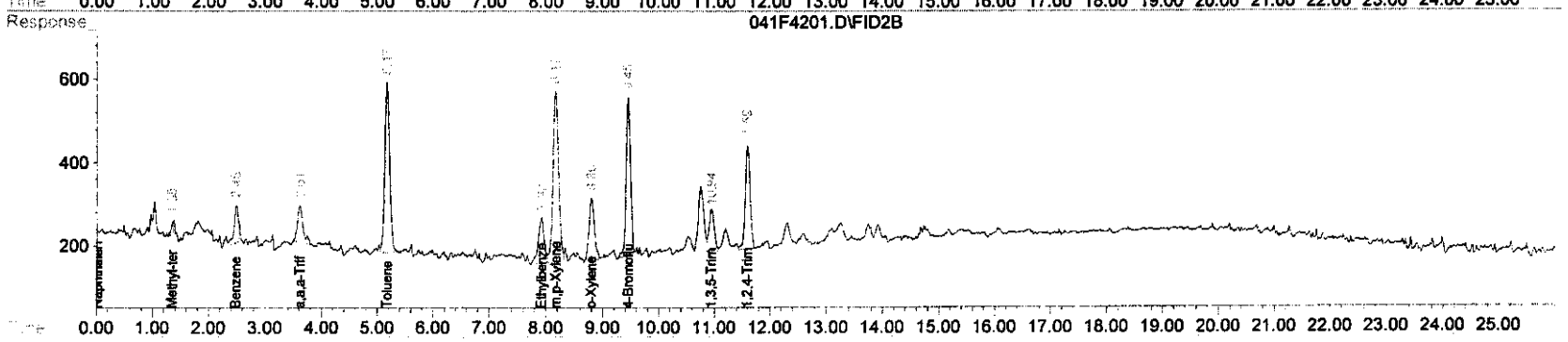
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID1A.CH Vial: 41
Acq On : 30-Jun-2005, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\041F4201.D\FID2B.CH Vial: 41
Acq On : 30-Jun-05, 13:20:11 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID1A.CH Vial: 42
Acq On : 30-Jun-2005, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID2B.CH Vial: 42
Acq On : 30-Jun-05, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6216	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1599597	102.421 ug/L
Spiked Amount 100.000		Recovery =	102.42%
11) S 4-Bromofluorobenzene	9.45	21591	99.103 ug/L
Spiked Amount 100.000		Recovery =	99.10%
Target Compounds			
1) H T M Gasoline	8.00	18768591	653.473 ug/L
5) T Methyl-tert-butyl ether	1.35	2302	45.741 ug/L
6) T M Benzene	2.48	12880	54.089 ug/L
7) T M Toluene	5.17	16334	52.203 ug/L
8) T M Ethylbenzene	7.91	16464	53.674 ug/L
9) T M m,p-Xylene	8.18	41770	104.194 ug/L
10) T M o-Xylene	8.80	16455	49.887 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	26686	51.085 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18359	47.086 ug/L
14) T Naphthalene	16.07	9953	49.348 ug/L

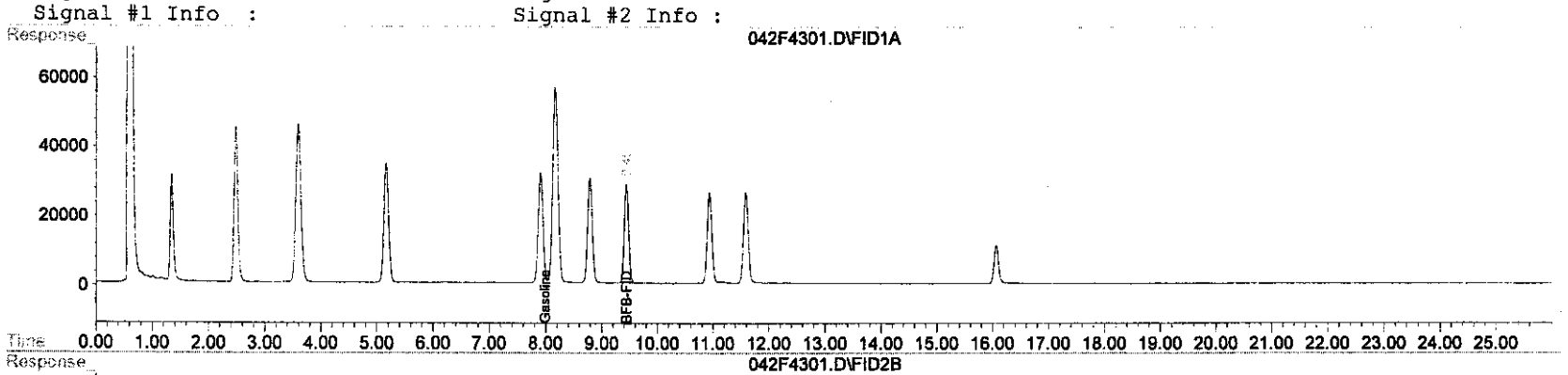
Quantitation Report

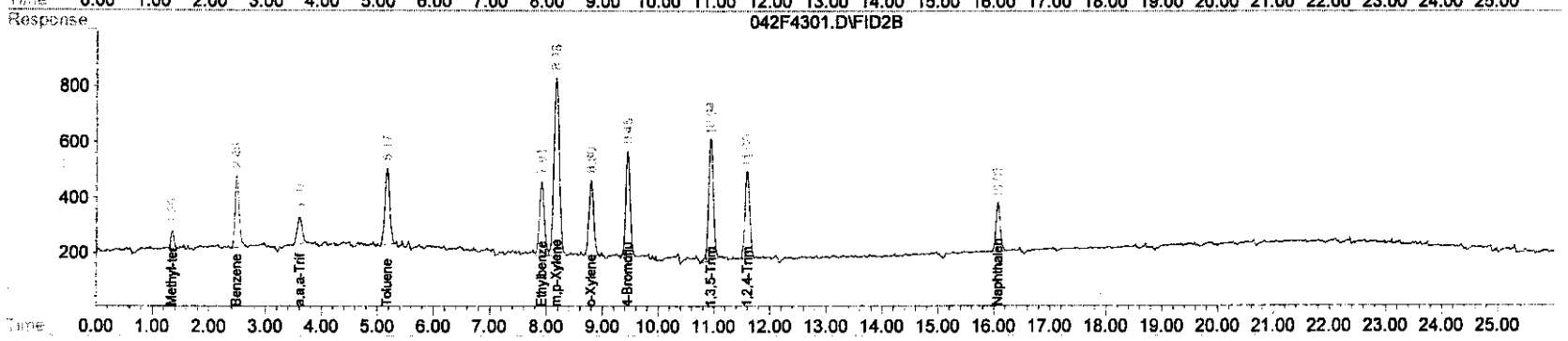
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID1A.CH Vial: 42
Acq On : 30-Jun-2005, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050629\042F4301.D\FID2B.CH Vial: 42
Acq On : 30-Jun-05, 13:52:18 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jun 30 15:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID1A.CH Vial: 1
Acq On : 30-Jun-2005, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID2B.CH Vial: 1
Acq On : 30-Jun-05, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6194	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1569982	100.520 ug/L
Spiked Amount 100.000		Recovery =	100.52%
11) S 4-Bromofluorobenzene	9.45	20287	93.459 ug/L
Spiked Amount 100.000		Recovery =	93.46%
Target Compounds			
1) H T M Gasoline	8.00	3052032	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

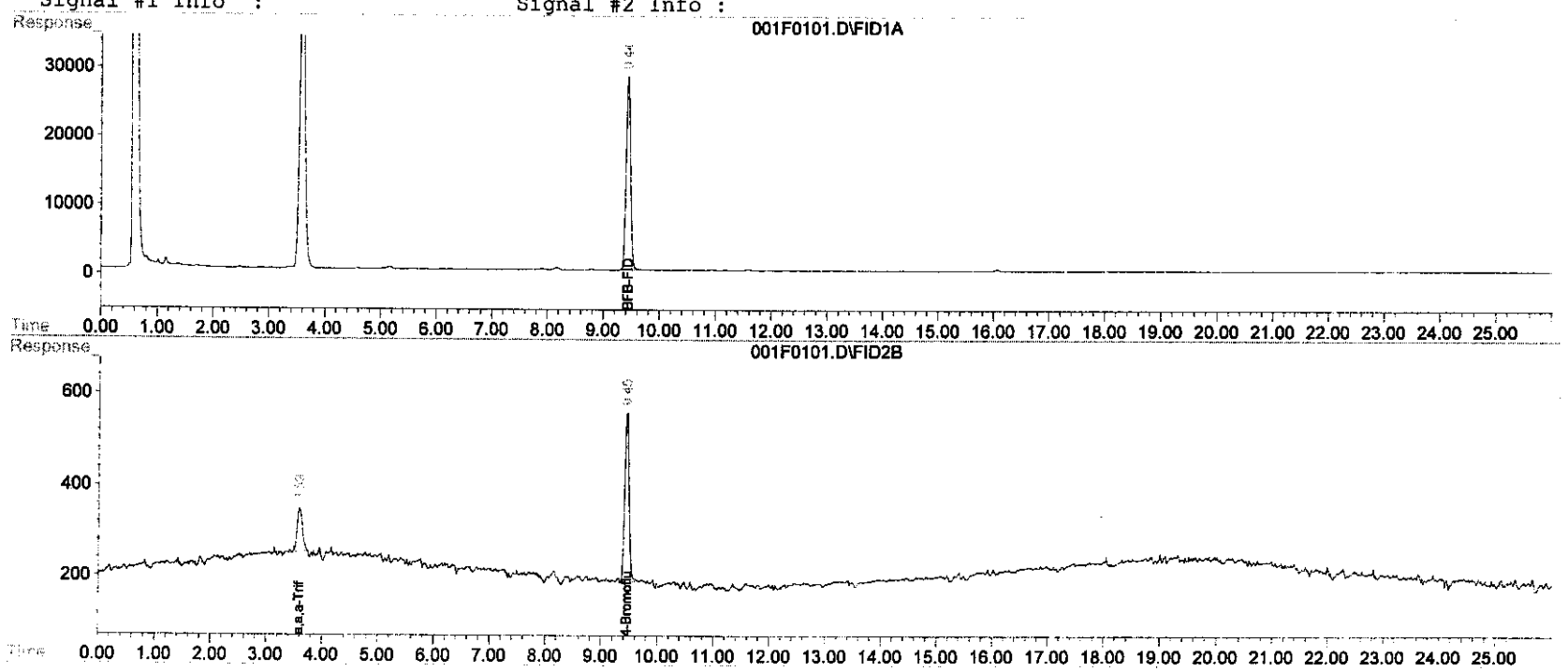
Quantitat ·n Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID1A.CH Vial: 1
Acq On : 30-Jun-2005, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\001F0101.D\FID2B.CH Vial: 1
Acq On : 30-Jun-05, 16:56:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID1A.CH Vial: 2
Acq On : 30-Jun-2005, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID2B.CH Vial: 2
Acq On : 30-Jun-05, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6014	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1673169	107.144 ug/L
Spiked Amount 100.000		Recovery =	107.14%
11) S 4-Bromofluorobenzene	9.45	20932	99.313 ug/L
Spiked Amount 100.000		Recovery =	99.31%
Target Compounds			
1) H T M Gasoline	8.00	39201998	1513.342 ug/L
5) T Methyl-tert-butyl ether	1.35	1551	31.703 ug/L
6) T M Benzene	2.48	5951	26.602 ug/L
7) T M Toluene	5.17	36807	122.922 ug/L
8) T M Ethylbenzene	7.92	8684	28.138 ug/L m
9) T M m,p-Xylene	8.16	39201	100.999 ug/L
10) T M o-Xylene	8.79	12416	38.701 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10217	20.216 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	21991	58.570 ug/L
14) T Naphthalene	16.06	1715	11.992 ug/L

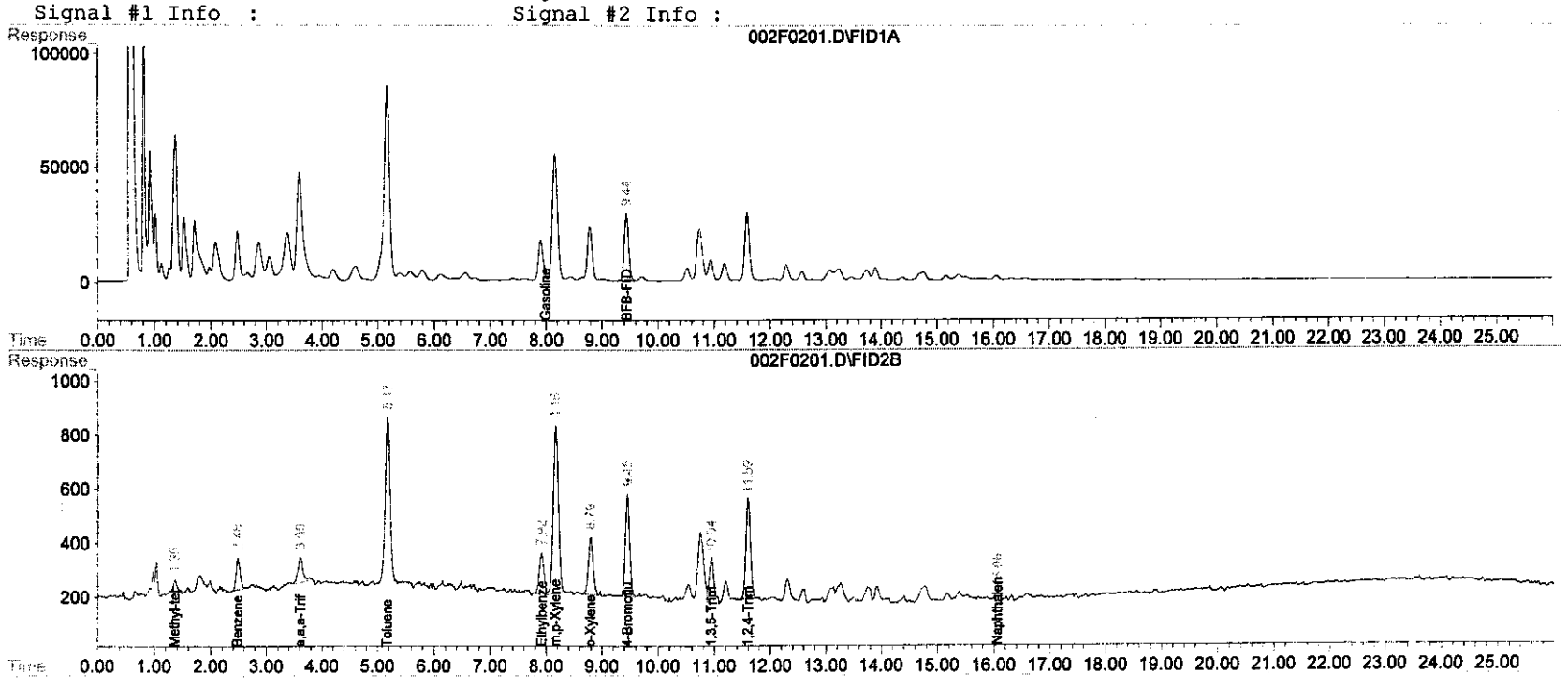
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID1A.CH Vial: 2
Acq On : 30-Jun-2005, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\002F0201.D\FID2B.CH Vial: 2
Acq On : 30-Jun-05, 17:28:27 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID1A.CH Vial: 3
Acq On : 30-Jun-2005, 18:00:39 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID2B.CH Vial: 3
Acq On : 30-Jun-05, 18:00:39 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6787	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1701248	108.946 ug/L
Spiked Amount 100.000		Recovery =	108.95%
11) S 4-Bromofluorobenzene	9.45	21367	89.830 ug/L
Spiked Amount 100.000		Recovery =	89.83%
Target Compounds			
1) H T M Gasoline	8.00	41974895	1630.030 ug/L
5) T Methyl-tert-butyl ether	1.36	2084	37.842 ug/L
6) T M Benzene	2.49	6482	25.725 ug/L
7) T M Toluene	5.17	41230	121.998 ug/L
8) T M Ethylbenzene	7.92	8833	25.114 ug/L
9) T M m,p-Xylene	8.17	41871	95.452 ug/L
10) T M o-Xylene	8.80	14456	39.955 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10608	18.599 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	23857	56.256 ug/L
14) T Naphthalene	16.07	1413	9.806 ug/L

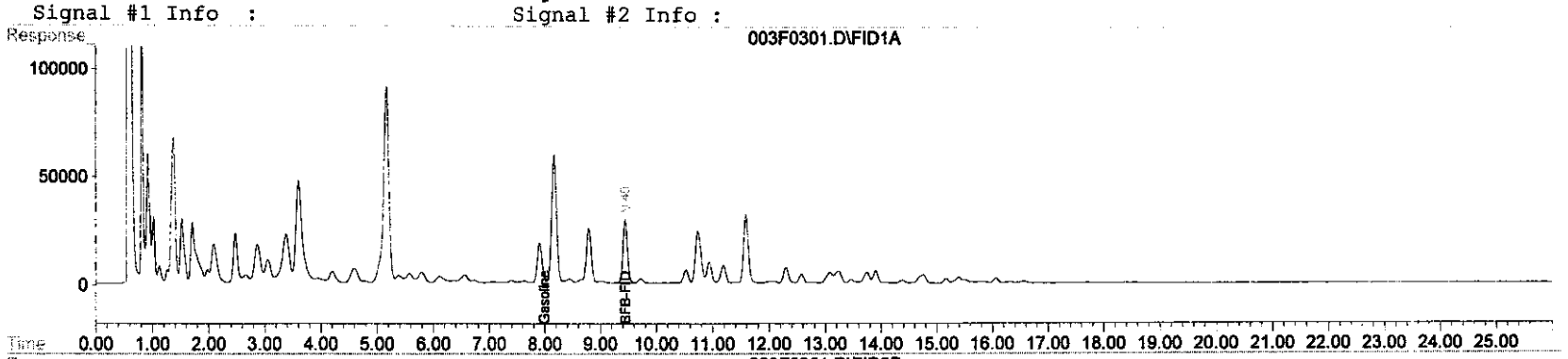
Quantitation Report

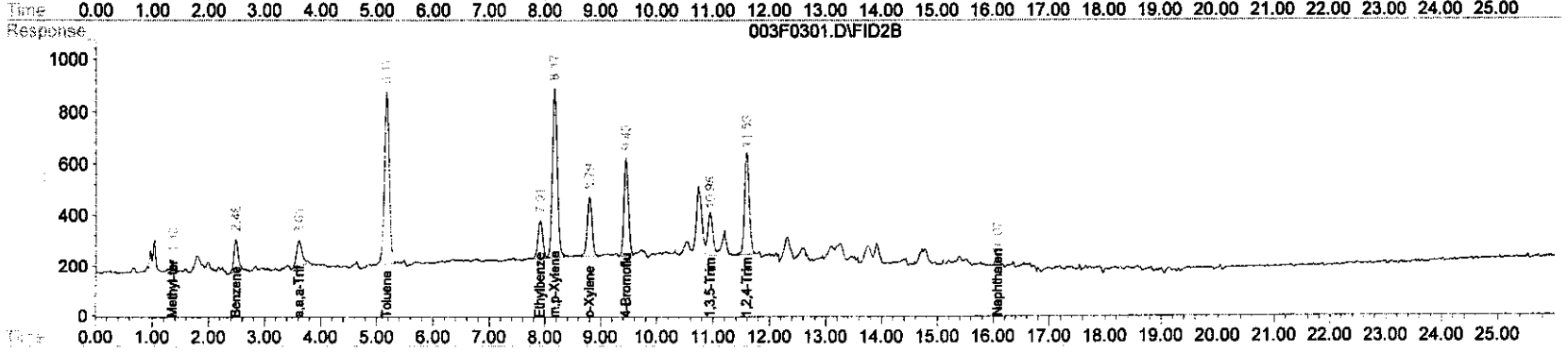
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID1A.CH Vial: 3
Acq On : 30-Jun-2005, 18:00:39 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\003F0301.D\FID2B.CH Vial: 3
Acq On : 30-Jun-05, 18:00:39 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID1A.CH Vial: 11
Acq On : 30-Jun-2005, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID2B.CH Vial: 11
Acq On : 30-Jun-05, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5903	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1653948	105.910 ug/L
Spiked Amount 100.000		Recovery =	105.91%
11) S 4-Bromofluorobenzene	9.45	21868	105.696 ug/L
Spiked Amount 100.000		Recovery =	105.70%
Target Compounds			
1) H T M Gasoline	8.00	24731567	904.404 ug/L
5) T Methyl-tert-butyl ether	1.35	961	19.837 ug/L
6) T M Benzene	2.48	3155	15.046 ug/L
7) T M Toluene	5.17	22625	76.600 ug/L
8) T M Ethylbenzene	7.91	4924	15.205 ug/L
9) T M m,p-Xylene	8.17	22850	58.931 ug/L
10) T M o-Xylene	8.80	7315	22.847 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5464	11.015 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	13029	34.902 ug/L
14) T Naphthalene	16.06	1357	10.422 ug/L

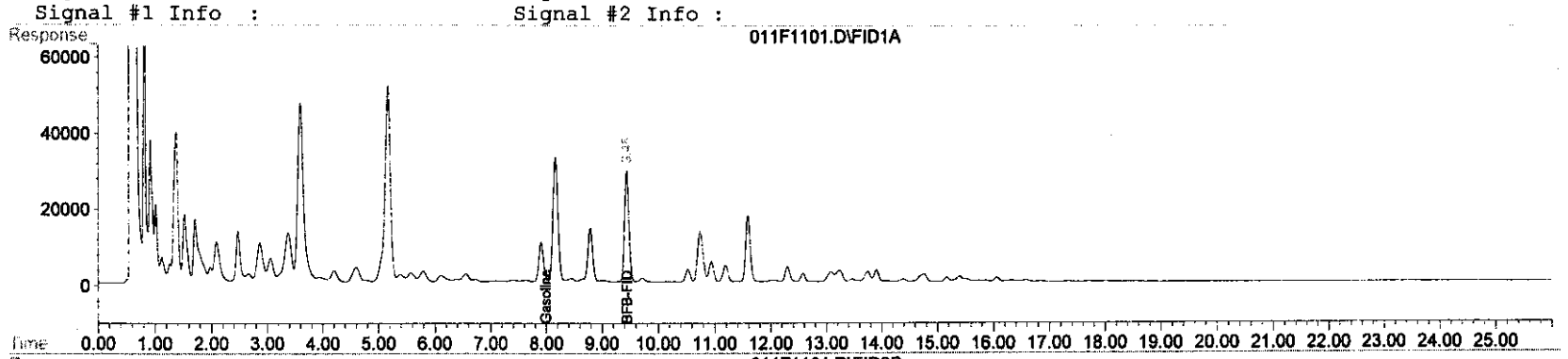
Quantitation Report

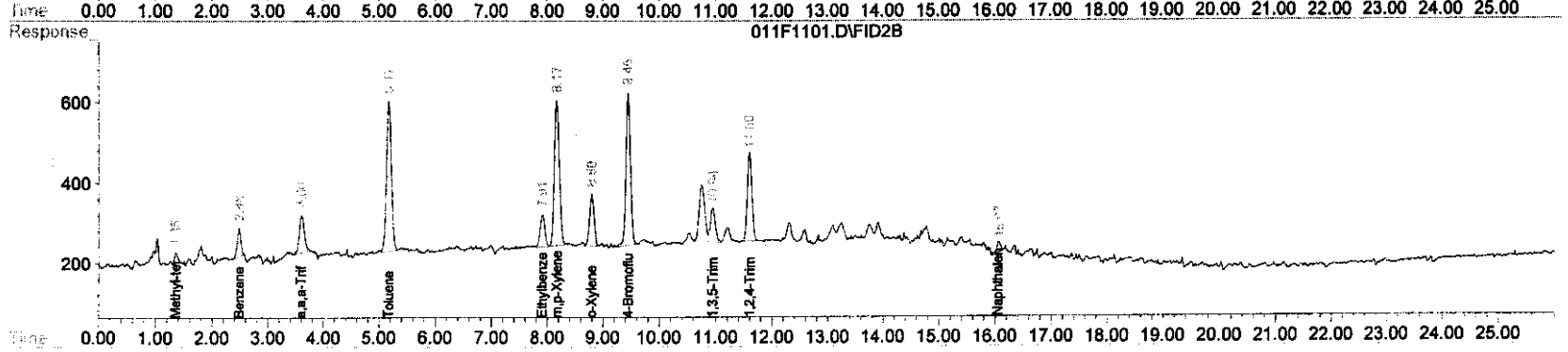
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID1A.CH Vial: 11
Acq On : 30-Jun-2005, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\011F1101.D\FID2B.CH Vial: 11
Acq On : 30-Jun-05, 22:18:46 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID1A.CH Vial: 12
Acq On : 30-Jun-2005, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID2B.CH Vial: 12
Acq On : 30-Jun-05, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	6444	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1571779	100.635 ug/L
Spiked Amount 100.000		Recovery =	100.64%
11) S 4-Bromofluorobenzene	9.45	20947	92.754 ug/L
Spiked Amount 100.000		Recovery =	92.75%
Target Compounds			
1) H T M Gasoline	8.00	17661598	606.889 ug/L
5) T Methyl-tert-butyl ether	1.35	2050	39.232 ug/L
6) T M Benzene	2.49	11839	48.127 ug/L
7) T M Toluene	5.17	15898	48.953 ug/L
8) T M Ethylbenzene	7.92	14212	44.282 ug/L
9) T M m,p-Xylene	8.17	37813	90.666 ug/L
10) T M o-Xylene	8.80	15685	45.797 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24657	45.533 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18522	45.796 ug/L
14) T Naphthalene	16.08	9538	45.917 ug/L

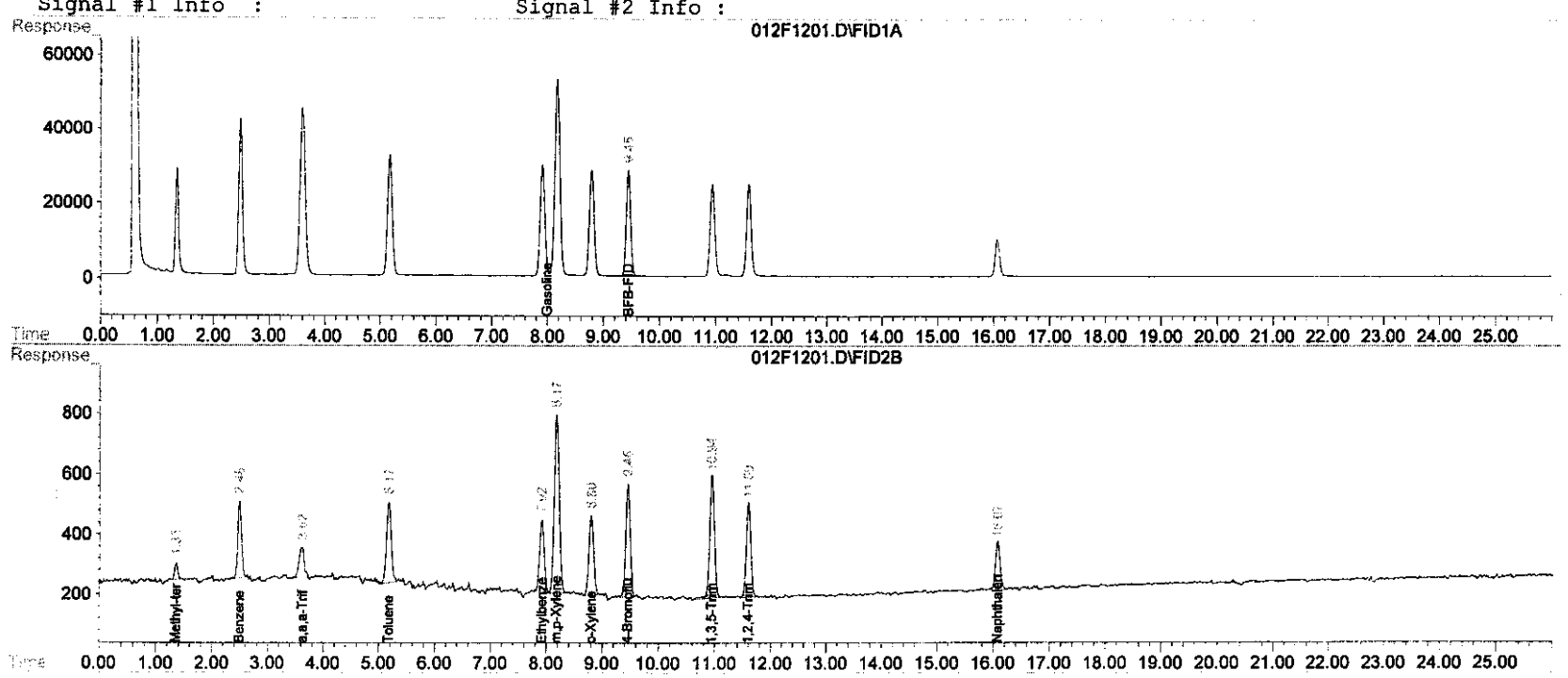
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID1A.CH Vial: 12
Acq On : 30-Jun-2005, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\012F1201.D\FID2B.CH Vial: 12
Acq On : 30-Jun-05, 22:50:59 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID1A.CH Vial: 22
Acq On : 01-Jul-2005, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID2B.CH Vial: 22
Acq On : 01-Jul-05, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	5887	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1639235	104.965 ug/L
Spiked Amount 100.000		Recovery =	104.97%
11) S 4-Bromofluorobenzene	9.45	21848	105.899 ug/L
Spiked Amount 100.000		Recovery =	105.90%
Target Compounds			
1) H T M Gasoline	8.00	25329795	929.578 ug/L
5) T Methyl-tert-butyl ether	1.36	509	10.306 ug/L
6) T M Benzene	2.48	3321	15.799 ug/L
7) T M Toluene	5.17	24698	83.952 ug/L
8) T M Ethylbenzene	7.91	5290	16.575 ug/L
9) T M m,p-Xylene	8.17	23384	60.548 ug/L
10) T M o-Xylene	8.79	8382	26.395 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5982	12.092 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14112	38.008 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

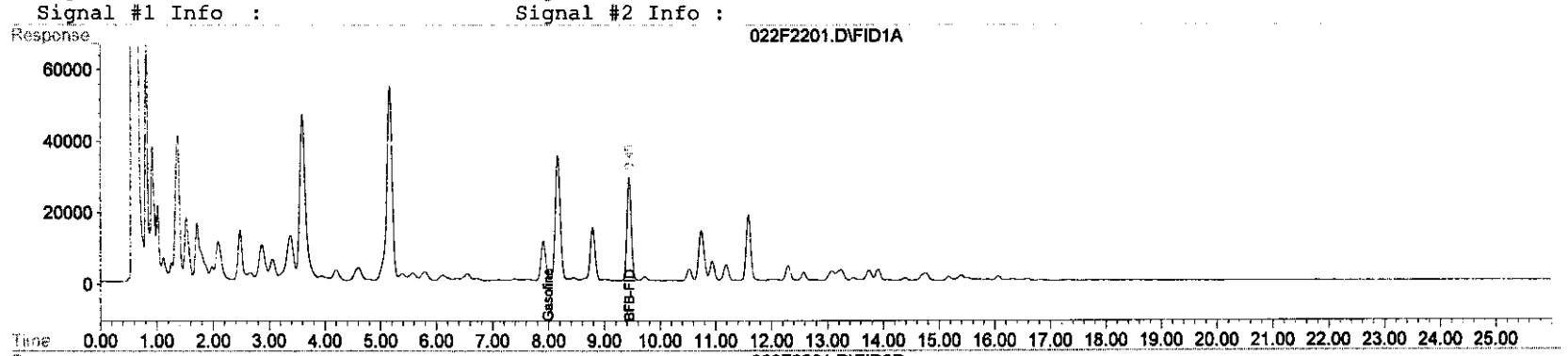
Quantitation Report

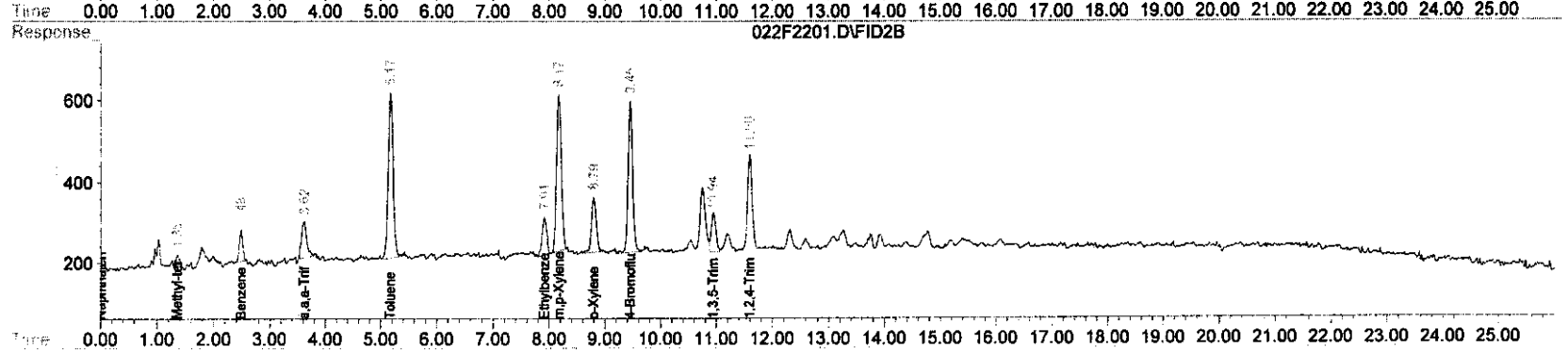
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID1A.CH Vial: 22
Acq On : 01-Jul-2005, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\022F2201.D\FID2B.CH Vial: 22
Acq On : 01-Jul-05, 04:12:16 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID1A.CH Vial: 23
Acq On : 01-Jul-2005, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID2B.CH Vial: 23
Acq On : 01-Jul-05, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5745	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1571207	100.598 ug/L
Spiked Amount 100.000		Recovery =	100.60%
11) S 4-Bromofluorobenzene	9.45	21257	105.581 ug/L
Spiked Amount 100.000		Recovery =	105.58%
Target Compounds			
1) H T M Gasoline	8.00	18395186	637.759 ug/L
5) T Methyl-tert-butyl ether	1.34	1737	37.272 ug/L
6) T M Benzene	2.49	11963	54.358 ug/L
7) T M Toluene	5.17	15848	54.860 ug/L
8) T M Ethylbenzene	7.91	15377	54.274 ug/L
9) T M m,p-Xylene	8.18	38964	105.198 ug/L
10) T M o-Xylene	8.80	17075	56.132 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	26873	55.667 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20441	56.961 ug/L
14) T Naphthalene	16.07	9844	52.545 ug/L

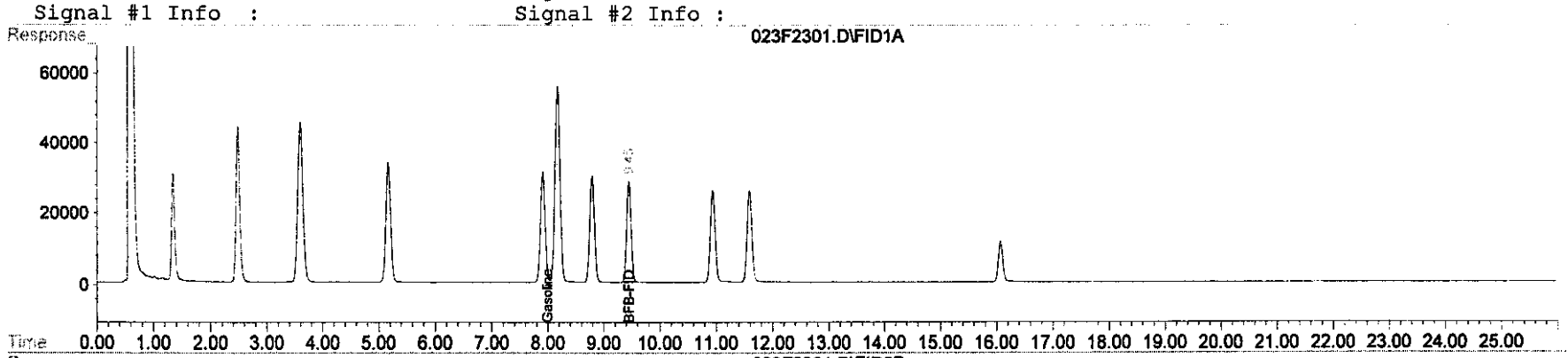
Quantitat ›n Report

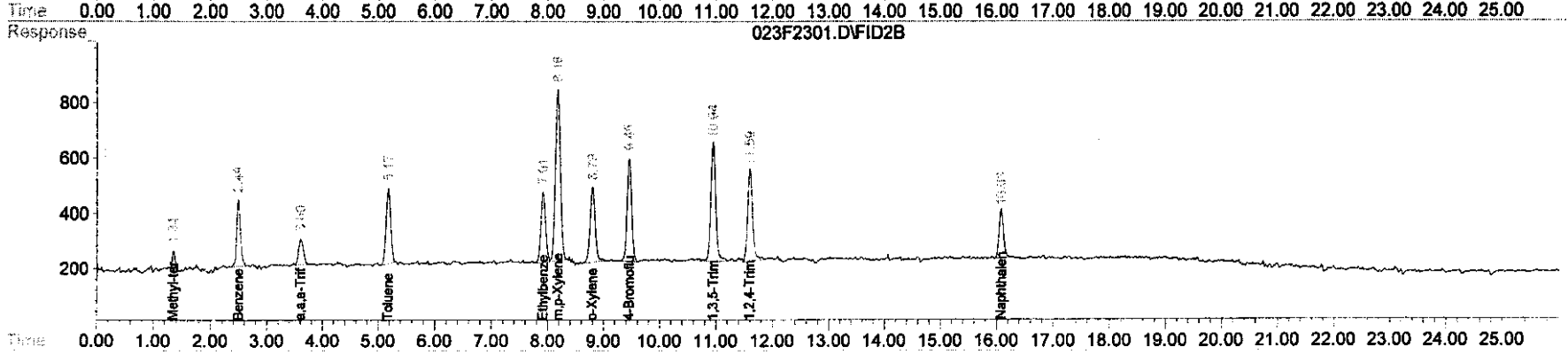
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID1A.CH Vial: 23
Acq On : 01-Jul-2005, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\023F2301.D\FID2B.CH Vial: 23
Acq On : 01-Jul-05, 04:44:05 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\024F2401.D\FID1A.CH Vial: 24
Acq On : 01-Jul-2005, 05:16:05 Operator: RG
Sample : 1567-1762,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\024F2401.D\FID2B.CH Vial: 24
Acq On : 01-Jul-05, 05:16:05 Operator: RG
Sample : 1567-1762,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5957	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1592642	101.974 ug/L
Spiked Amount 100.000		Recovery =	101.97%
11) S 4-Bromofluorobenzene	9.45	21205	101.579 ug/L
Spiked Amount 100.000		Recovery =	101.58%
Target Compounds			
1) H T M Gasoline	8.00	3342237	4.308 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

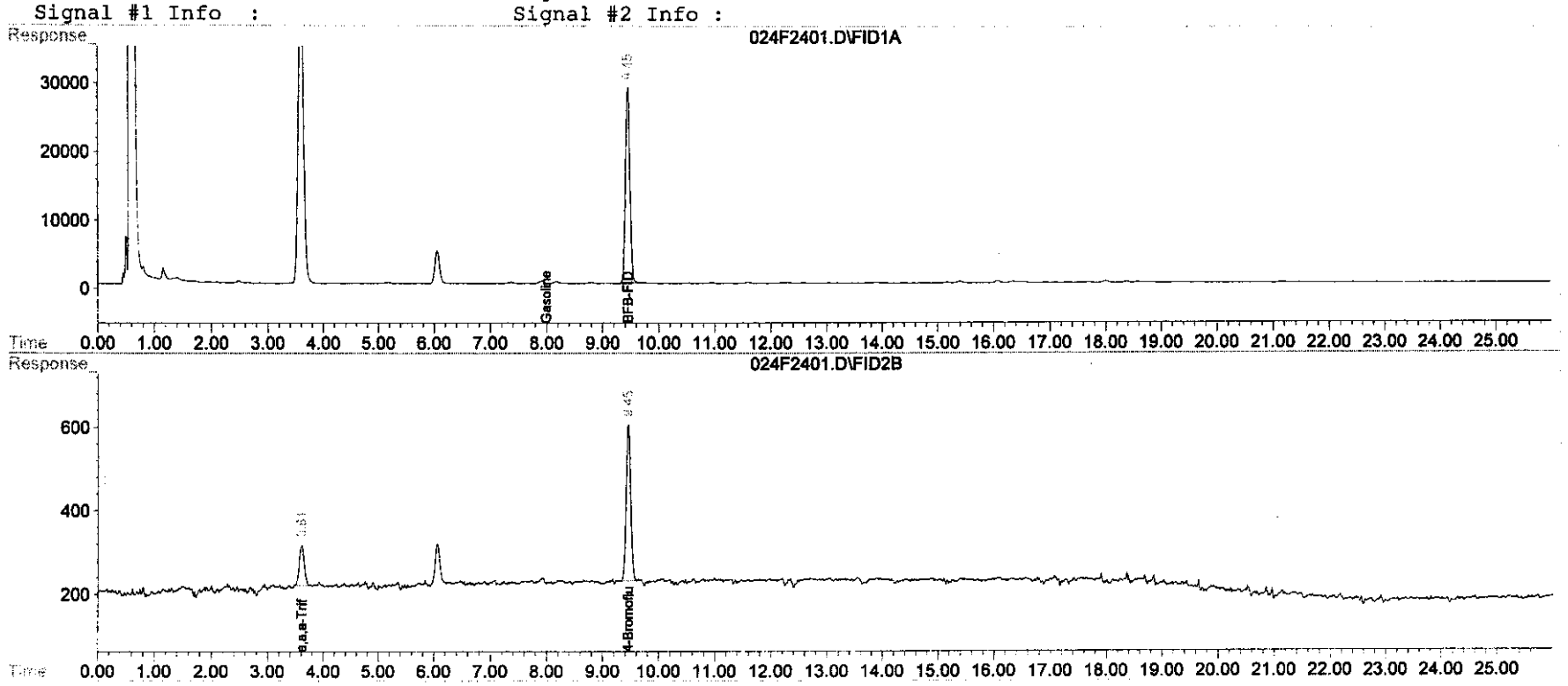
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\024F2401.D\FID1A.CH Vial: 24
Acq On : 01-Jul-2005, 05:16:05 Operator: RG
Sample : 1567-1762,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\024F2401.D\FID2B.CH Vial: 24
Acq On : 01-Jul-05, 05:16:05 Operator: RG
Sample : 1567-1762,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\025F2501.D\FID1A.CH Vial: 25
Acq On : 01-Jul-2005, 05:48:03 Operator: RG
Sample : 1567-1763,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\025F2501.D\FID2B.CH Vial: 25
Acq On : 01-Jul-05, 05:48:03 Operator: RG
Sample : 1567-1763,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

pH >2

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: Sample vial was unpreserved.
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7254	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1596212	102.203 ug/L
Spiked Amount 100.000		Recovery =	102.20%
11) S 4-Bromofluorobenzene	9.45	20303	79.857 ug/L
Spiked Amount 100.000		Recovery =	79.86%
Target Compounds			
1) H T M Gasoline	8.00	2935461	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

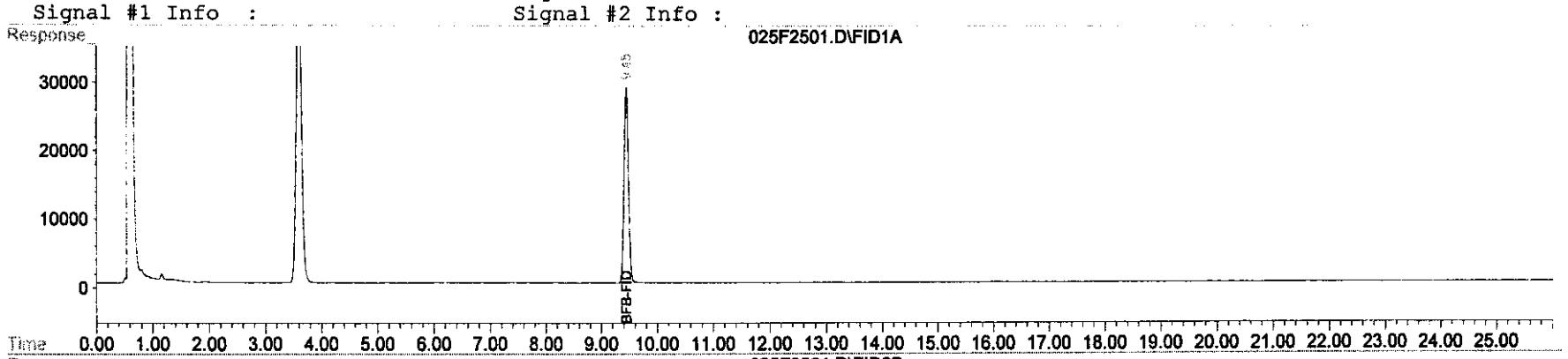
Quantitation Report

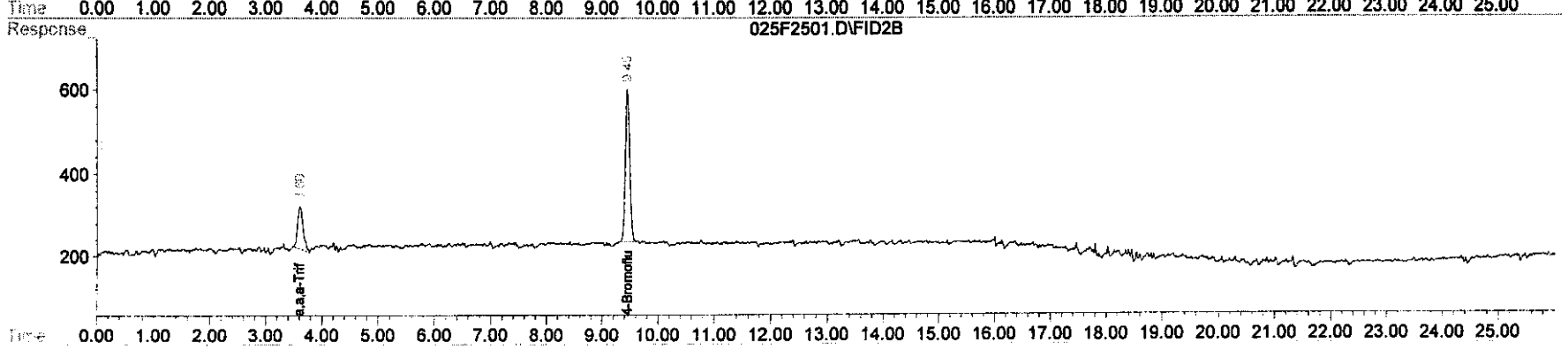
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\025F2501.D\FID1A.CH Vial: 25
Acq On : 01-Jul-2005, 05:48:03 Operator: RG
Sample : 1567-1763,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\025F2501.D\FID2B.CH Vial: 25
Acq On : 01-Jul-05, 05:48:03 Operator: RG
Sample : 1567-1763,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\026F2601.D\FID1A.CH Vial: 26
Acq On : 01-Jul-2005, 06:20:03 Operator: RG
Sample : 1567-1764,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\026F2601.D\FID2B.CH Vial: 26
Acq On : 01-Jul-05, 06:20:03 Operator: RG
Sample : 1567-1764,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5698	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1600652	102.488 ug/L
Spiked Amount 100.000		Recovery =	102.49%
11) S 4-Bromofluorobenzene	9.45	20964	104.985 ug/L
Spiked Amount 100.000		Recovery =	104.99%
Target Compounds			
1) H T M Gasoline	8.00	3272146	1.358 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

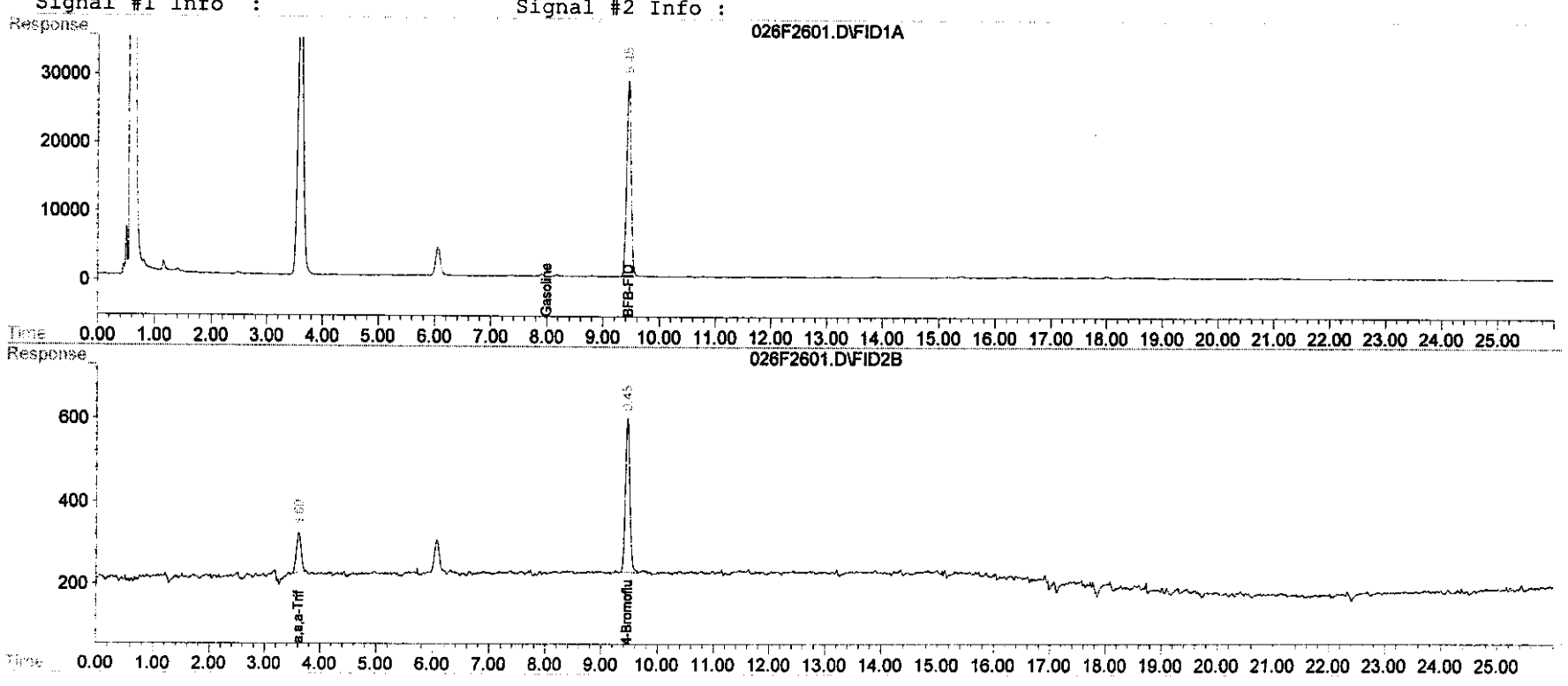
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\026F2601.D\FID1A.CH Vial: 26
Acq On : 01-Jul-2005, 06:20:03 Operator: RG
Sample : 1567-1764,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\026F2601.D\FID2B.CH Vial: 26
Acq On : 01-Jul-05, 06:20:03 Operator: RG
Sample : 1567-1764,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\028F2801.D\FID1A.CH Vial: 28
Acq On : 01-Jul-2005, 07:24:03 Operator: RG
Sample : 1567-1766,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\028F2801.D\FID2B.CH Vial: 28
Acq On : 01-Jul-05, 07:24:03 Operator: RG
Sample : 1567-1766,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7362	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1588532	101.710 ug/L
Spiked Amount 100.000		Recovery =	101.71%
11) S 4-Bromofluorobenzene	9.45	19627	76.070 ug/L
Spiked Amount 100.000		Recovery =	76.07%
Target Compounds			
1) H T M Gasoline	8.00	2975681	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.84	462	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

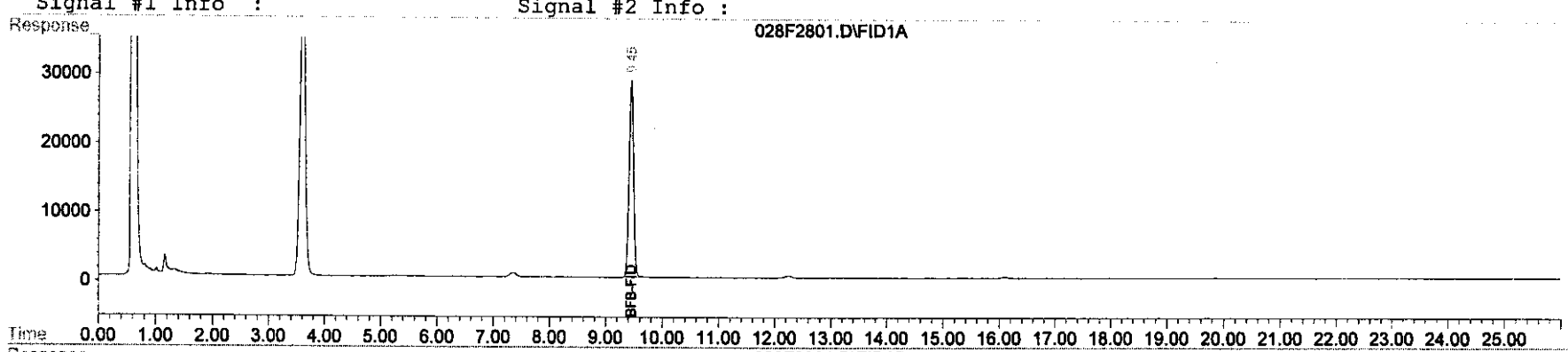
Quantit: ›n Report

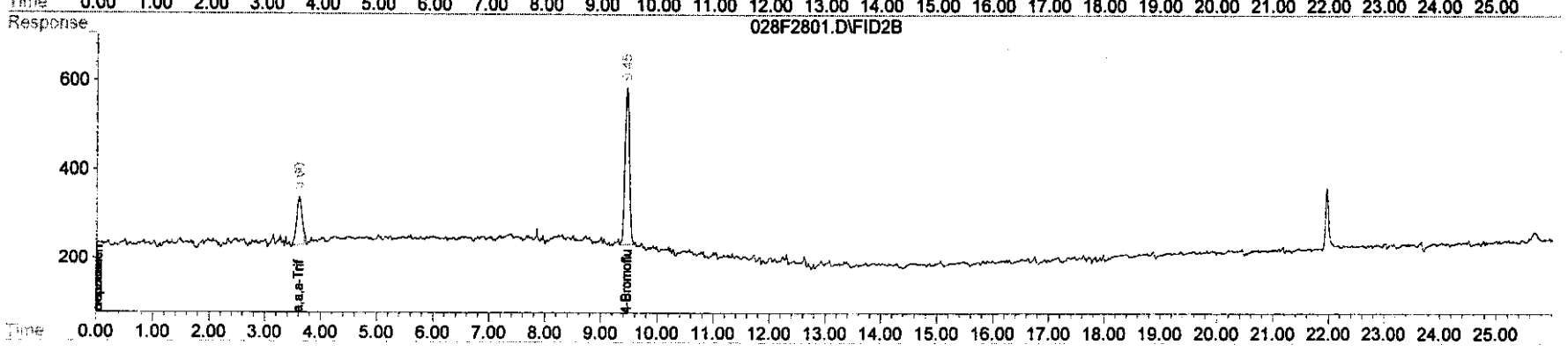
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\028F2801.D\FID1A.CH Vial: 28
Acq On : 01-Jul-2005, 07:24:03 Operator: RG
Sample : 1567-1766,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\028F2801.D\FID2B.CH Vial: 28
Acq On : 01-Jul-05, 07:24:03 Operator: RG
Sample : 1567-1766,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\029F2901.D\FID1A.CH Vial: 29
Acq On : 01-Jul-2005, 07:56:20 Operator: RG
Sample : 1567-1767,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\029F2901.D\FID2B.CH Vial: 29
Acq On : 01-Jul-05, 07:56:20 Operator: RG
Sample : 1567-1767,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5677	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1593690	102.042 ug/L
Spiked Amount 100.000		Recovery =	102.04%
11) S 4-Bromofluorobenzene	9.45	20794	104.514 ug/L
Spiked Amount 100.000		Recovery =	104.51%
Target Compounds			
1) H T M Gasoline	8.00	2944818	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Quantita n Report

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Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\029F2901.D\FID1A.CH Vial: 29
Acq On    : 01-Jul-2005, 07:56:20                    Operator: RG
Sample    : 1567-1767,,,                             Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\029F2901.D\FID2B.CH Vial: 29
Acq On    : 01-Jul-05, 07:56:20                      Operator: RG
Sample    : 1567-1767,,,                             Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  1 11:36 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                  Signal #2 Phase:
Signal #1 Info  :                  Signal #2 Info :
```
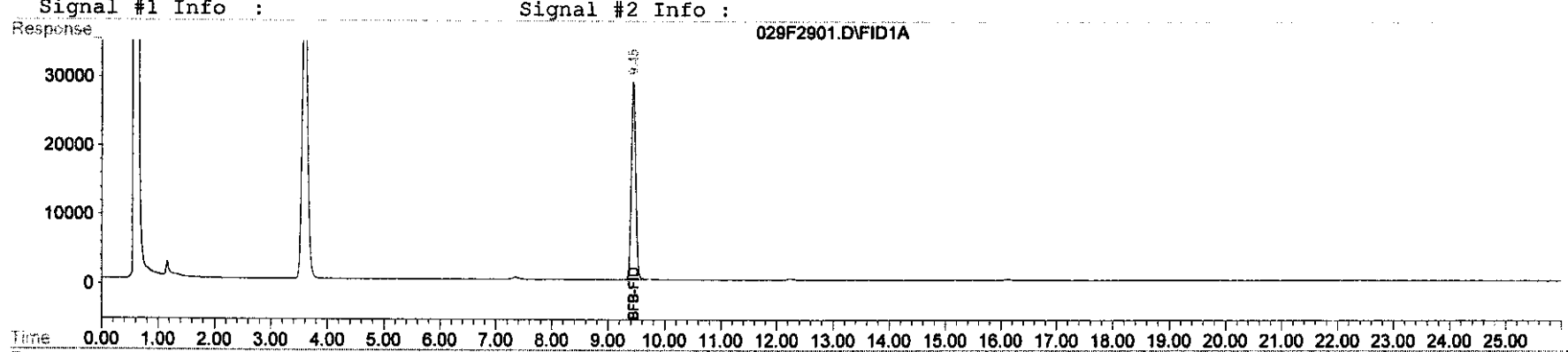
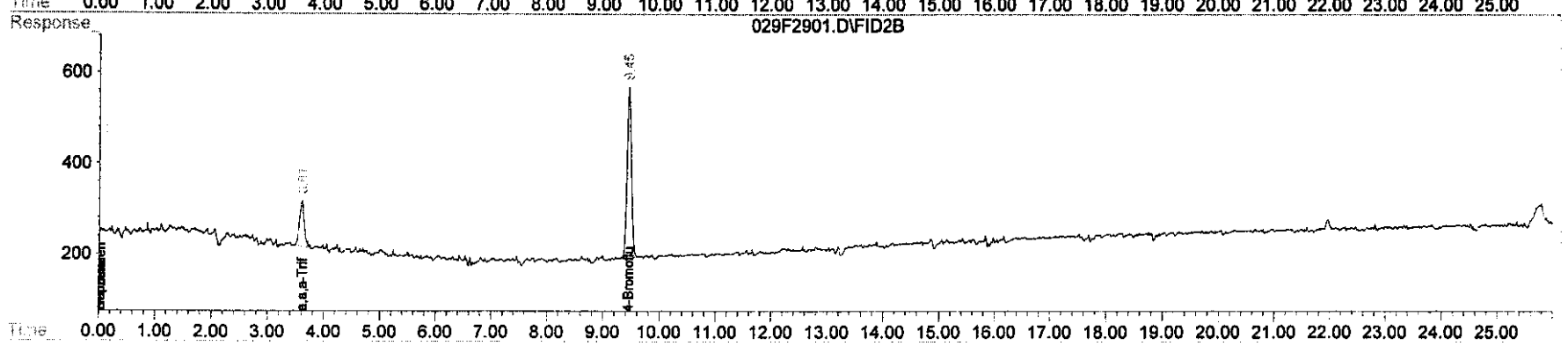





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\030F3001.D\FID1A.CH Vial: 30
Acq On : 01-Jul-2005, 08:28:30 Operator: RG
Sample : 1567-1768,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\030F3001.D\FID2B.CH Vial: 30
Acq On : 01-Jul-05, 08:28:30 Operator: RG
Sample : 1567-1768,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6151	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1575762	100.891 ug/L
Spiked Amount 100.000		Recovery =	100.89%
11) S 4-Bromofluorobenzene	9.45	20308	94.208 ug/L
Spiked Amount 100.000		Recovery =	94.21%
Target Compounds			
1) H T M Gasoline	8.00	2945801	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

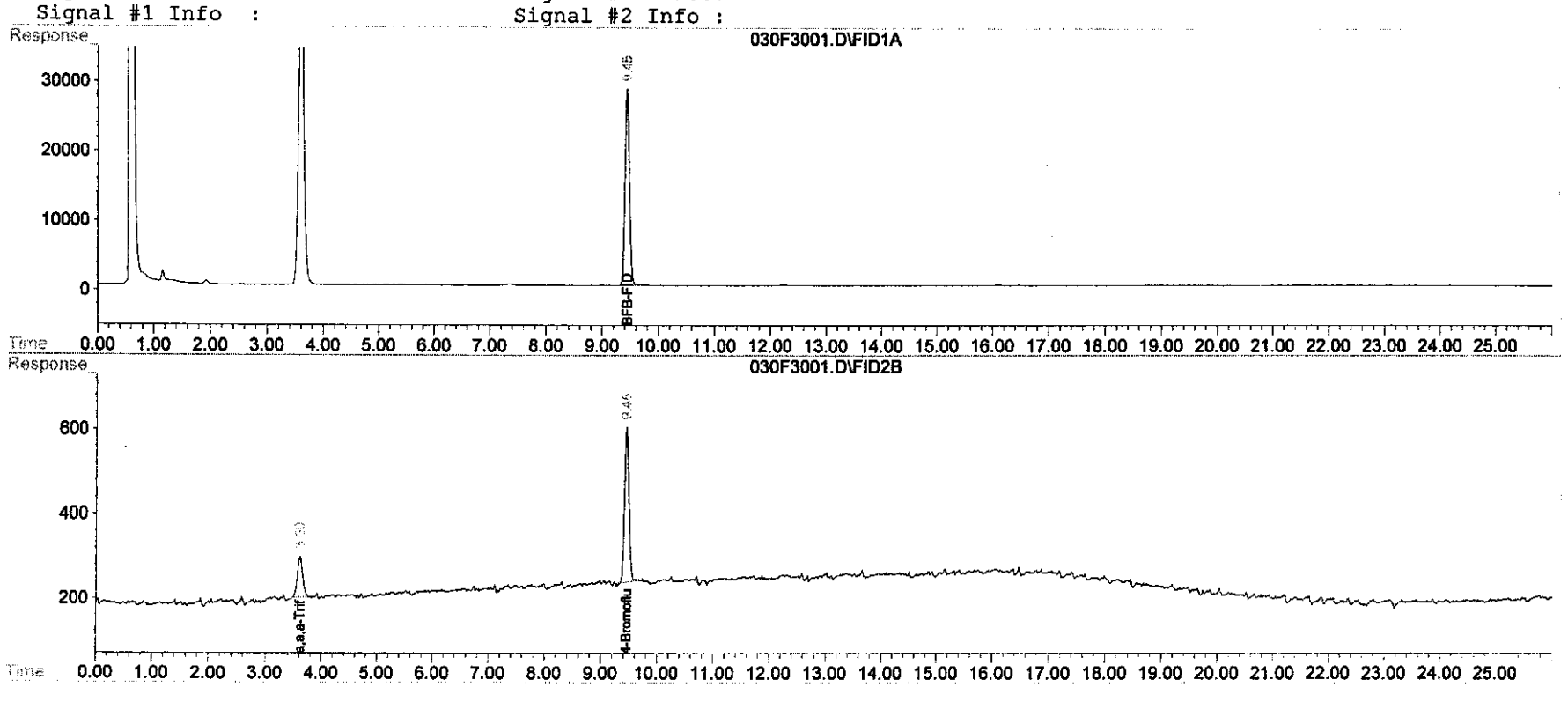
Quantita ı Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\030F3001.D\FID1A.CH Vial: 30
Acq On : 01-Jul-2005, 08:28:30 Operator: RG
Sample : 1567-1768,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\030F3001.D\FID2B.CH Vial: 30
Acq On : 01-Jul-05, 08:28:30 Operator: RG
Sample : 1567-1768,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID1A.CH Vial: 31
Acq On : 01-Jul-2005, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID2B.CH Vial: 31
Acq On : 01-Jul-05, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5975	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1610874	103.145 ug/L
Spiked Amount 100.000		Recovery =	103.15%
11) S 4-Bromofluorobenzene	9.45	20297	96.923 ug/L
Spiked Amount 100.000		Recovery =	96.92%
Target Compounds			
1) H T M Gasoline	8.00	23518137	853.341 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4223	19.418 ug/L
7) T M Toluene	5.17	21769	72.763 ug/L
8) T M Ethylbenzene	7.90	4923	14.990 ug/L
9) T M m,p-Xylene	8.17	22294	56.712 ug/L
10) T M o-Xylene	8.80	7099	21.866 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	5070	10.096 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	13054	34.536 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

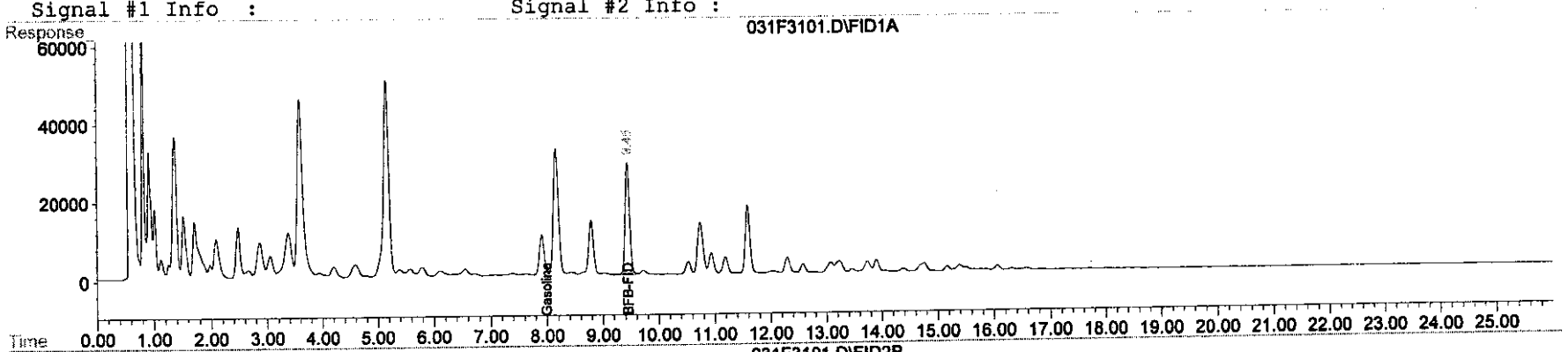
Quantita n Report

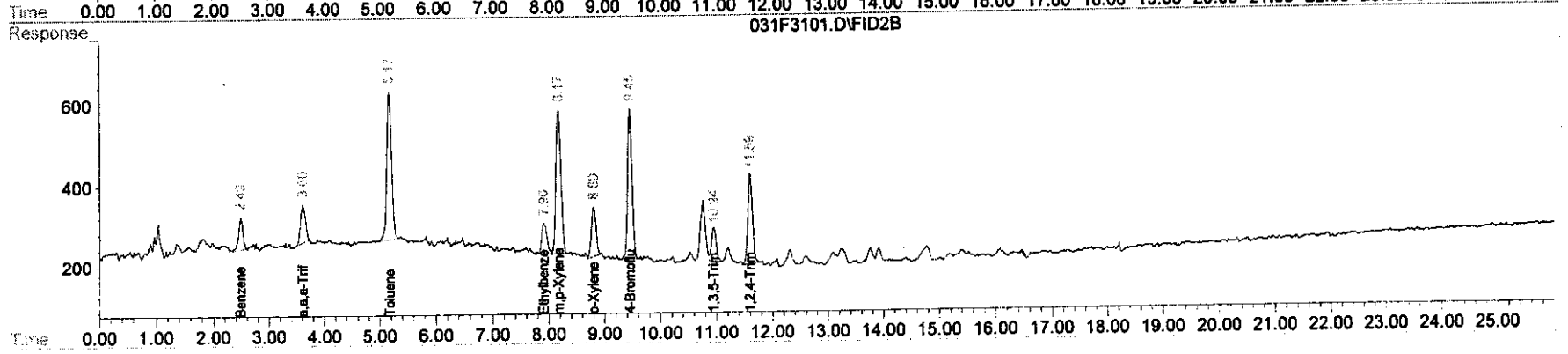
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID1A.CH Vial: 31
Acq On : 01-Jul-2005, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID2B.CH Vial: 31
Acq On : 01-Jul-05, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID1A.CH Vial: 32
Acq On : 01-Jul-2005, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID2B.CH Vial: 32
Acq On : 01-Jul-05, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

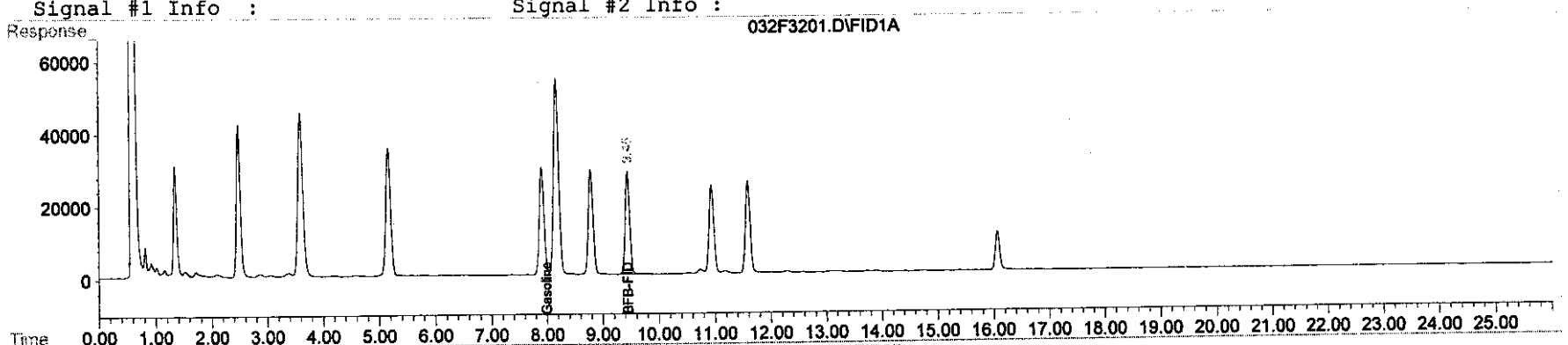
Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

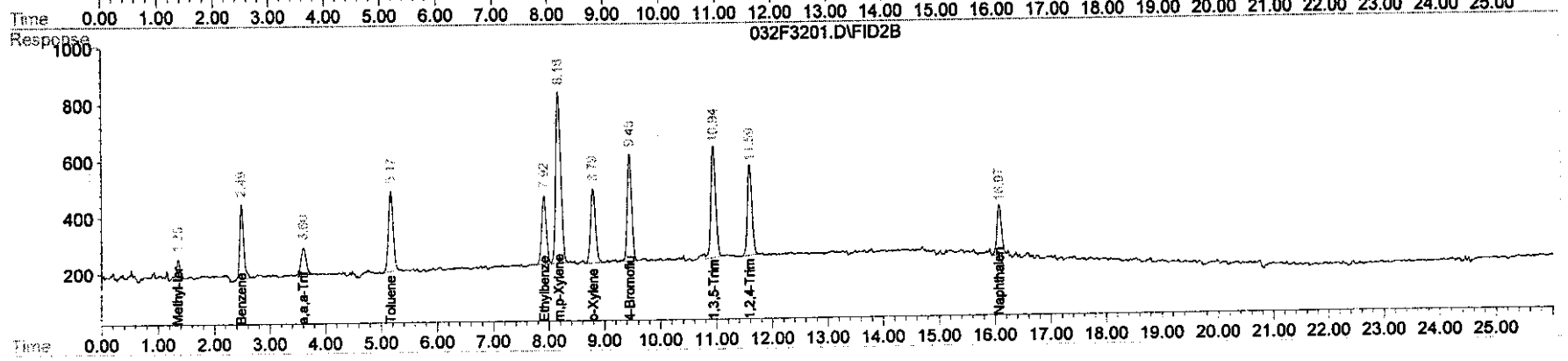
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6176	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1578305	101.054 ug/L
Spiked Amount 100.000		Recovery =	101.05%
11) S 4-Bromofluorobenzene	9.45	20685	95.570 ug/L
Spiked Amount 100.000		Recovery =	95.57%
Target Compounds			
1) H T M Gasoline	8.00	18923102	659.975 ug/L
5) T Methyl-tert-butyl ether	1.35	2918	58.503 ug/L
6) T M Benzene	2.49	13307	56.193 ug/L
7) T M Toluene	5.18	16902	54.417 ug/L
8) T M Ethylbenzene	7.92	13988	45.544 ug/L
9) T M m,p-Xylene	8.18	38198	95.707 ug/L
10) T M o-Xylene	8.80	15836	48.296 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23655	45.581 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18459	47.669 ug/L
14) T Naphthalene	16.07	9774	48.825 ug/L

Quantita n Report

```
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID1A.CH Vial: 32
Acq On    : 01-Jul-2005, 09:33:01                    Operator: RG
Sample    : BTEX CCV                                 Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID2B.CH Vial: 32
Acq On    : 01-Jul-05, 09:33:01                      Operator: RG
Sample    : BTEX CCV                                 Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  1 11:14 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```





PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

KP 7/18/05

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-347	bcc1	GC-S-1-351	is1	GC-S-1-346	m1	GC-1-111C	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-348	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	MB Aq	n/a	1916/1917	001F0101	Water	5mL	1	7/1/05 11:22	Opening CCV's from close of previous run.
2	n/a	LCS Aq	n/a	1916/1917	002F0201	Water	5mL	1	7/1/05 11:54	**Run# 3776**
3	n/a	LCSD Aq	n/a	1916/1917	003F0301	Water	5mL	1	7/1/05 12:26	
4	05-1567	1765	<2	1916/1917	004F0401	Water	1mL	5	7/1/05 12:59	Sample vial had headspace.
5	05-1574	1816	<2	1916/1917	005F0501	Water	5mL	1	7/1/05 13:32	
6	05-1574	1817	<2	1916/1917	006F0601	Water	5mL	1	7/1/05 14:04	
7	05-1574	1818	<2	1916/1917	007F0701	Water	5mL	1	7/1/05 14:36	
8	n/a	MB Sol	n/a	1918/1919	008F0801	Soil	10.00g	1	7/1/05 15:07	
9	n/a	LCS Sol	n/a	1918/1919	009F0901	Soil	10.00g	1	7/1/05 15:40	
10	n/a	GRO CCV	n/a	n/a	010F1001	Water	5mL	1	7/1/05 16:11	
11	n/a	BTEX CCV	n/a	n/a	011F1101	Water	5mL	1	7/1/05 16:44	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 001F0101.D

	Spike Sample	Spike Duplicate Sample
File ID :	002F0201.D	003F0301.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	01-Jul-2005, 11:54:46	01-Jul-2005, 12:26:59

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1537	1649	94	101	7	20	70-130
Benzene	0.0	23	26	27	113	117	3	20	70-130
Toluene	0.0	123	118	111	96	90	6	20	70-130
Ethylbenzene	0.0	29	29	25	99	85	15	20	70-130
m,p-Xylene	0.0	103	97	90	94	87	7	20	70-130
o-Xylene	0.0	42	42	36	101	86	16	20	70-130

- Fails Limit Check

0617ARCH.M Tue Jul 05 17:32:50 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID1A.CH Vial: 31
Acq On : 01-Jul-2005, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID2B.CH Vial: 31
Acq On : 01-Jul-05, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5975	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1610874	103.145 ug/L
Spiked Amount 100.000		Recovery =	103.15%
11) S 4-Bromofluorobenzene	9.45	20297	96.923 ug/L
Spiked Amount 100.000		Recovery =	96.92%
Target Compounds			
1) H T M Gasoline	8.00	23518137	853.341 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4223	19.418 ug/L
7) T M Toluene	5.17	21769	72.763 ug/L
8) T M Ethylbenzene	7.90	4923	14.990 ug/L
9) T M m,p-Xylene	8.17	22294	56.712 ug/L
10) T M o-Xylene	8.80	7099	21.866 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	5070	10.096 ug/L
13) T 1,2,4-Trimethylbenzene	11.60	13054	34.536 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

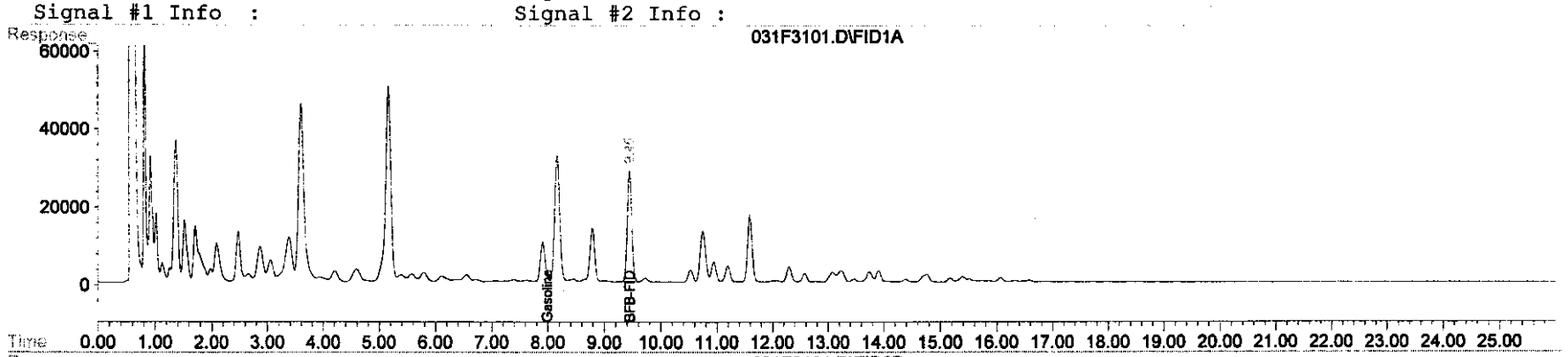
Quantita n Report

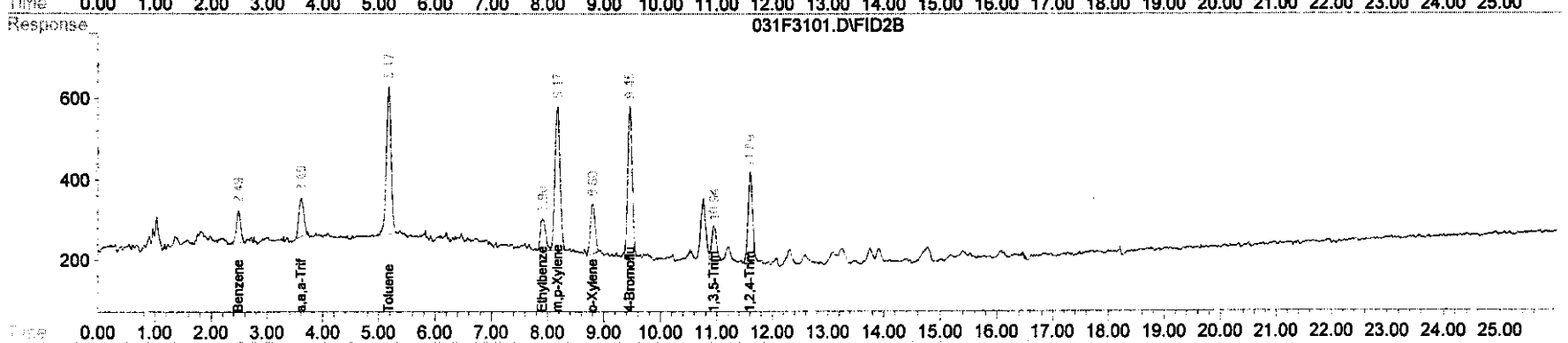
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID1A.CH Vial: 31
Acq On : 01-Jul-2005, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\031F3101.D\FID2B.CH Vial: 31
Acq On : 01-Jul-05, 09:00:41 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID1A.CH Vial: 32
Acq On : 01-Jul-2005, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID2B.CH Vial: 32
Acq On : 01-Jul-05, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6176	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1578305	101.054 ug/L
Spiked Amount 100.000		Recovery =	101.05%
11) S 4-Bromofluorobenzene	9.45	20685	95.570 ug/L
Spiked Amount 100.000		Recovery =	95.57%
Target Compounds			
1) H T M Gasoline	8.00	18923102	659.975 ug/L
5) T Methyl-tert-butyl ether	1.35	2918	58.503 ug/L
6) T M Benzene	2.49	13307	56.193 ug/L
7) T M Toluene	5.18	16902	54.417 ug/L
8) T M Ethylbenzene	7.92	13988	45.544 ug/L
9) T M m,p-Xylene	8.18	38198	95.707 ug/L
10) T M o-Xylene	8.80	15836	48.296 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23655	45.581 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18459	47.669 ug/L
14) T Naphthalene	16.07	9774	48.825 ug/L

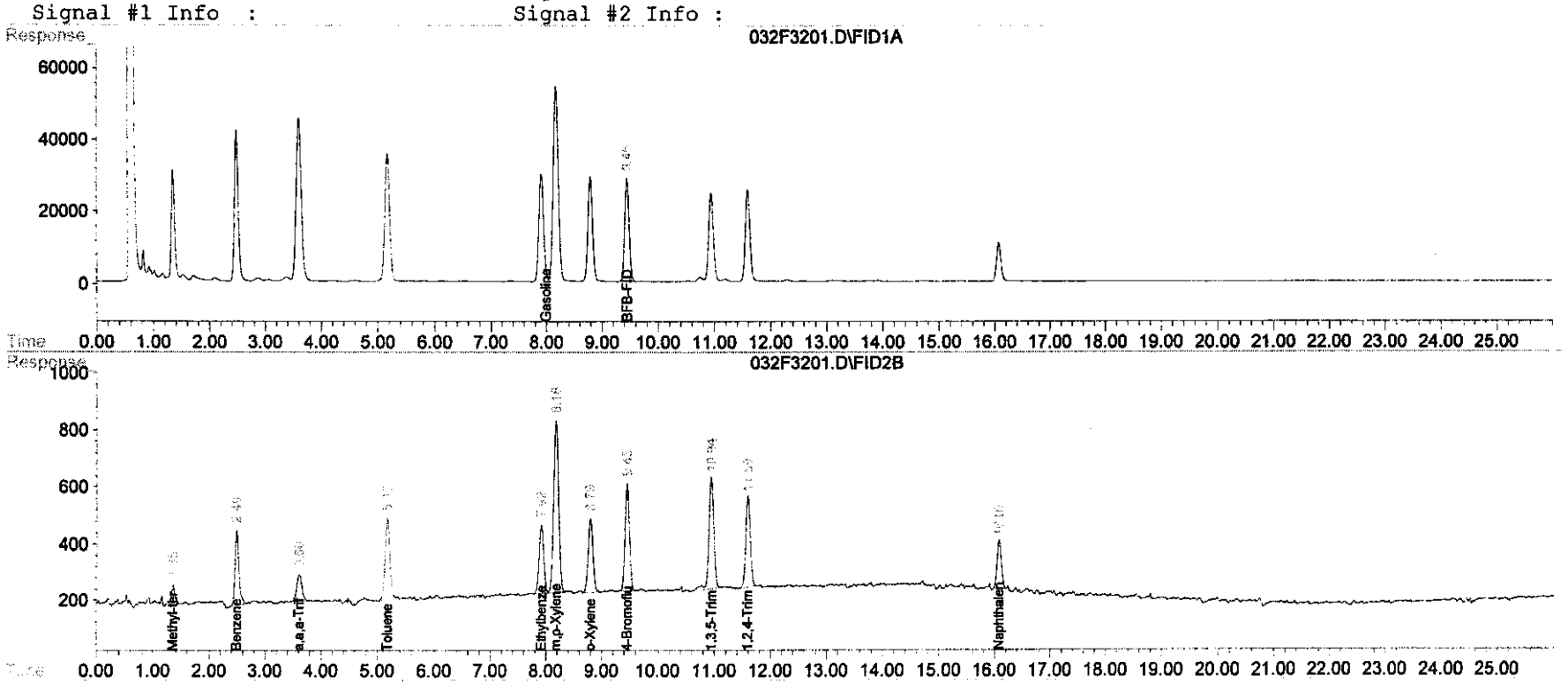
Quantita n Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID1A.CH Vial: 32
Acq On : 01-Jul-2005, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050630\032F3201.D\FID2B.CH Vial: 32
Acq On : 01-Jul-05, 09:33:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 1 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\001F0101.D\FID1A.CH Vial: 1
Acq On : 01-Jul-2005, 11:22:38 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\001F0101.D\FID2B.CH Vial: 1
Acq On : 01-Jul-05, 11:22:38 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5758	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1571664	100.628 ug/L
Spiked Amount 100.000		Recovery =	100.63%
11) S 4-Bromofluorobenzene	9.44	21019	104.159 ug/L
Spiked Amount 100.000		Recovery =	104.16%
Target Compounds			
1) H T M Gasoline	8.00	2959537	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

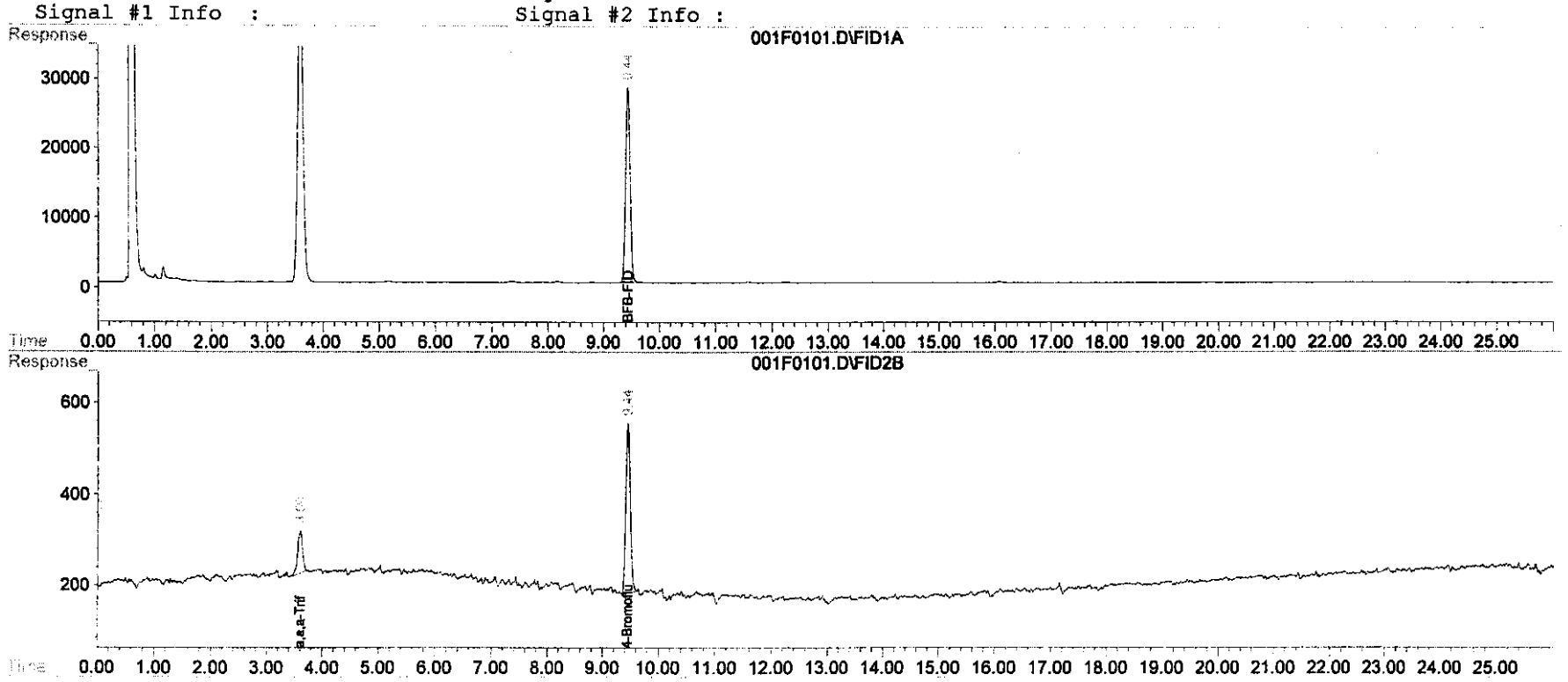
Quantita ı Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\001F0101.D\FID1A.CH Vial: 1
Acq On : 01-Jul-2005, 11:22:38 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\001F0101.D\FID2B.CH Vial: 1
Acq On : 01-Jul-05, 11:22:38 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\002F0201.D\FID1A.CH Vial: 2
Acq On : 01-Jul-2005, 11:54:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\002F0201.D\FID2B.CH Vial: 2
Acq On : 01-Jul-05, 11:54:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6442	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1689353	108.183 ug/L
Spiked Amount 100.000		Recovery =	108.18%
11) S 4-Bromofluorobenzene	9.45	22262	98.607 ug/L
Spiked Amount 100.000		Recovery =	98.61%
Target Compounds			
1) H T M Gasoline	8.00	39775709	1537.485 ug/L
5) T Methyl-tert-butyl ether	1.35	2659	51.060 ug/L
6) T M Benzene	2.48	6176	25.817 ug/L
7) T M Toluene	5.17	37840	117.933 ug/L
8) T M Ethylbenzene	7.91	9631	29.218 ug/L
9) T M m,p-Xylene	8.17	40192	96.561 ug/L
10) T M o-Xylene	8.79	14500	42.276 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9435	17.429 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	22061	54.778 ug/L
14) T Naphthalene	16.07	1738	11.553 ug/L

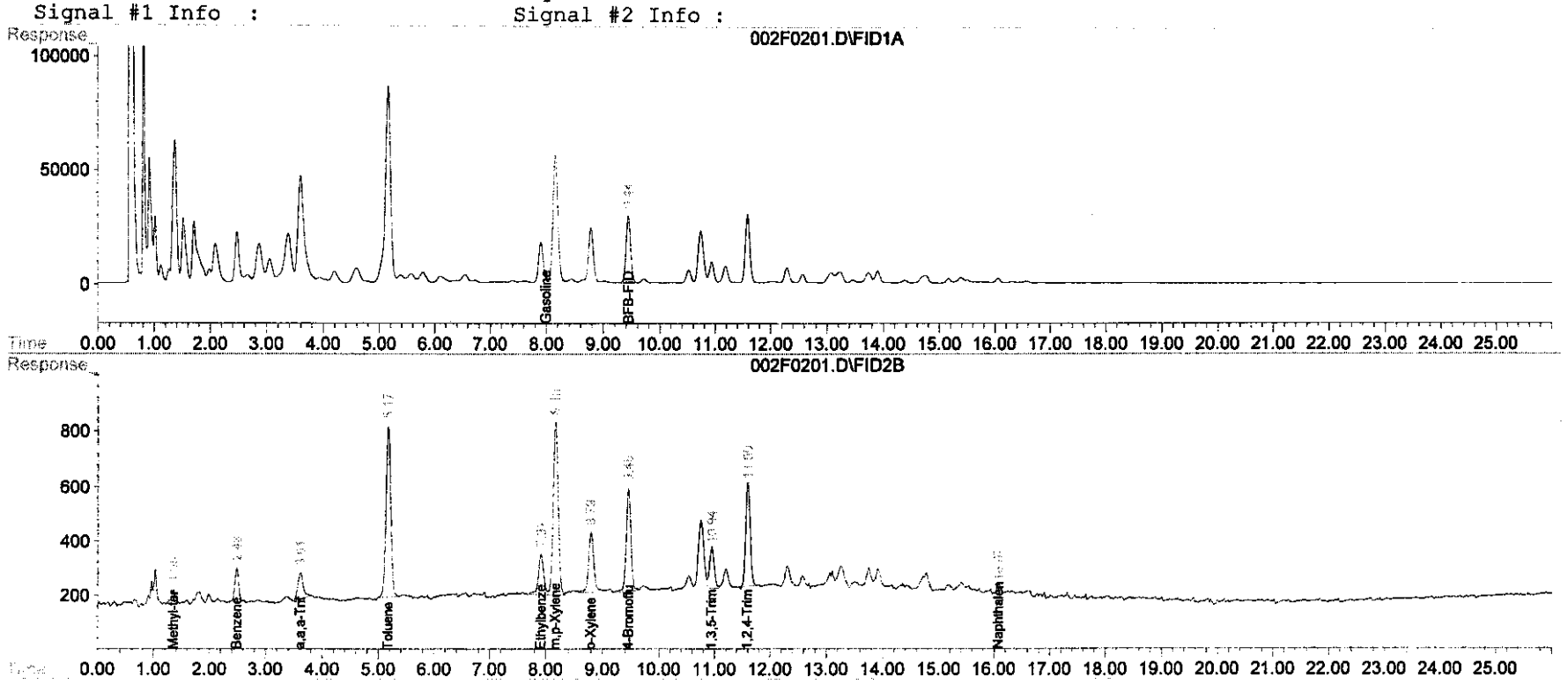
Quantita ı Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\002F0201.D\FID1A.CH Vial: 2
Acq On : 01-Jul-2005, 11:54:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\002F0201.D\FID2B.CH Vial: 2
Acq On : 01-Jul-05, 11:54:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\003F0301.D\FID1A.CH Vial: 3
Acq On : 01-Jul-2005, 12:26:59 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\003F0301.D\FID2B.CH Vial: 3
Acq On : 01-Jul-05, 12:26:59 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7276	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1689151	108.170 ug/L
Spiked Amount 100.000		Recovery =	108.17%
11) S 4-Bromofluorobenzene	9.45	21631	84.827 ug/L
Spiked Amount 100.000		Recovery =	84.83%
Target Compounds			
1) H T M Gasoline	8.00	42416482	1648.613 ug/L
5) T Methyl-tert-butyl ether	1.35	1416	23.812 ug/L
6) T M Benzene	2.48	7223	26.682 ug/L
7) T M Toluene	5.17	40092	110.565 ug/L
8) T M Ethylbenzene	7.91	9471	25.119 ug/L m
9) T M m,p-Xylene	8.17	42199	89.581 ug/L
10) T M o-Xylene	8.80	13948	35.865 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10576	17.297 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	24469	53.773 ug/L
14) T Naphthalene	16.06	2076	11.994 ug/L

Quantita ı Report

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Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\003F0301.D\FID1A.CH Vial: 3
Acq On    : 01-Jul-2005, 12:26:59                    Operator: RG
Sample    : LCSD Aq,,,2                              Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\003F0301.D\FID2B.CH Vial: 3
Acq On    : 01-Jul-05, 12:26:59                      Operator: RG
Sample    : LCSD Aq,,,2                              Inst    : HP5890
Misc      :                                          Multiplr: 1.00
IntFile   : AUTOINT2.E
Quant Time: Jul  5 18:32 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                  Signal #2 Phase:
Signal #1 Info  :                  Signal #2 Info :
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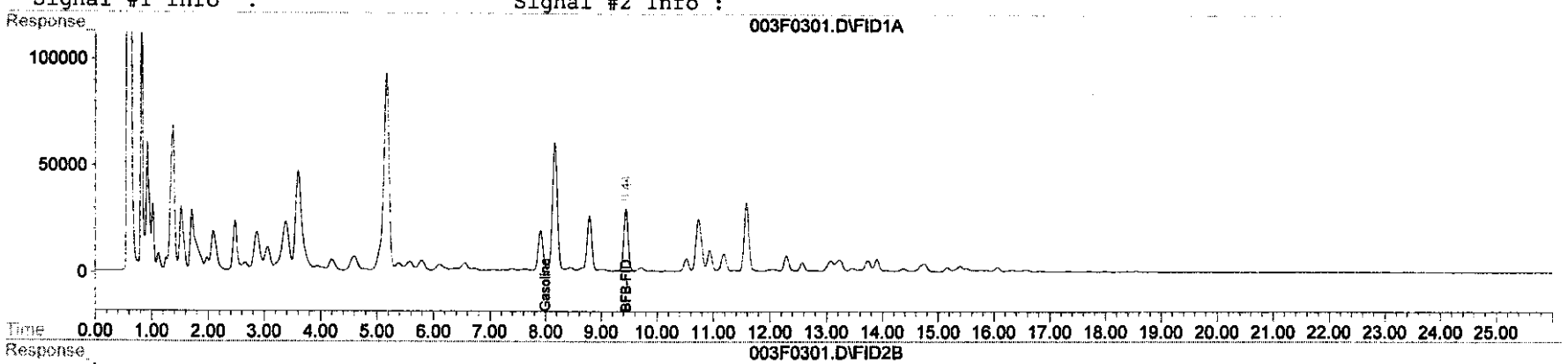
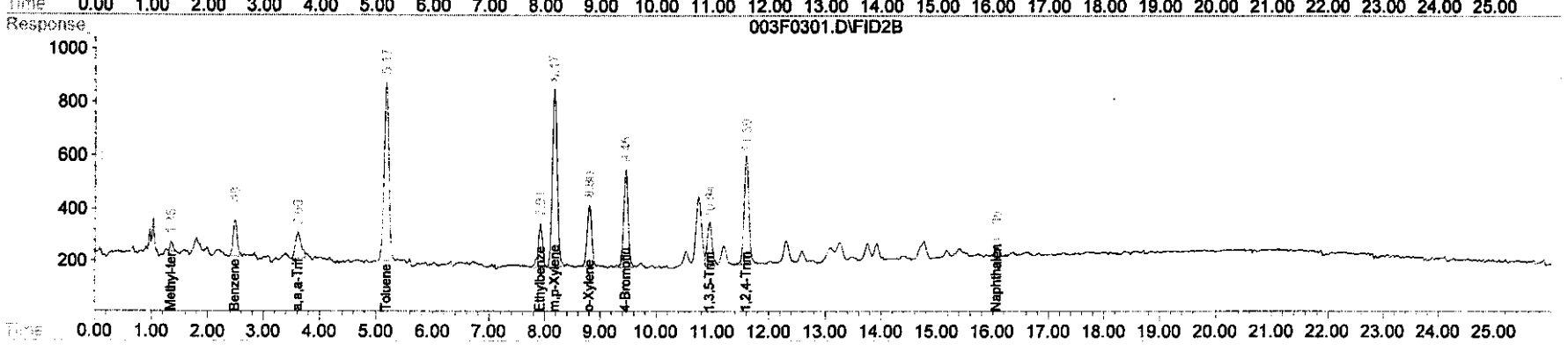




Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\004F0401.D\FID1A.CH Vial: 4
Acq On : 01-Jul-2005, 12:59:44 Operator: RG
Sample : 1567-1765,,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\004F0401.D\FID2B.CH Vial: 4
Acq On : 01-Jul-05, 12:59:44 Operator: RG
Sample : 1567-1765,,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	7565	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1618411	103.629 ug/L
Spiked Amount 100.000		Recovery =	103.63%
11) S 4-Bromofluorobenzene	9.45	21878	82.525 ug/L
Spiked Amount 100.000		Recovery =	82.53%
Target Compounds			
1) H T M Gasoline	8.00	3164102	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

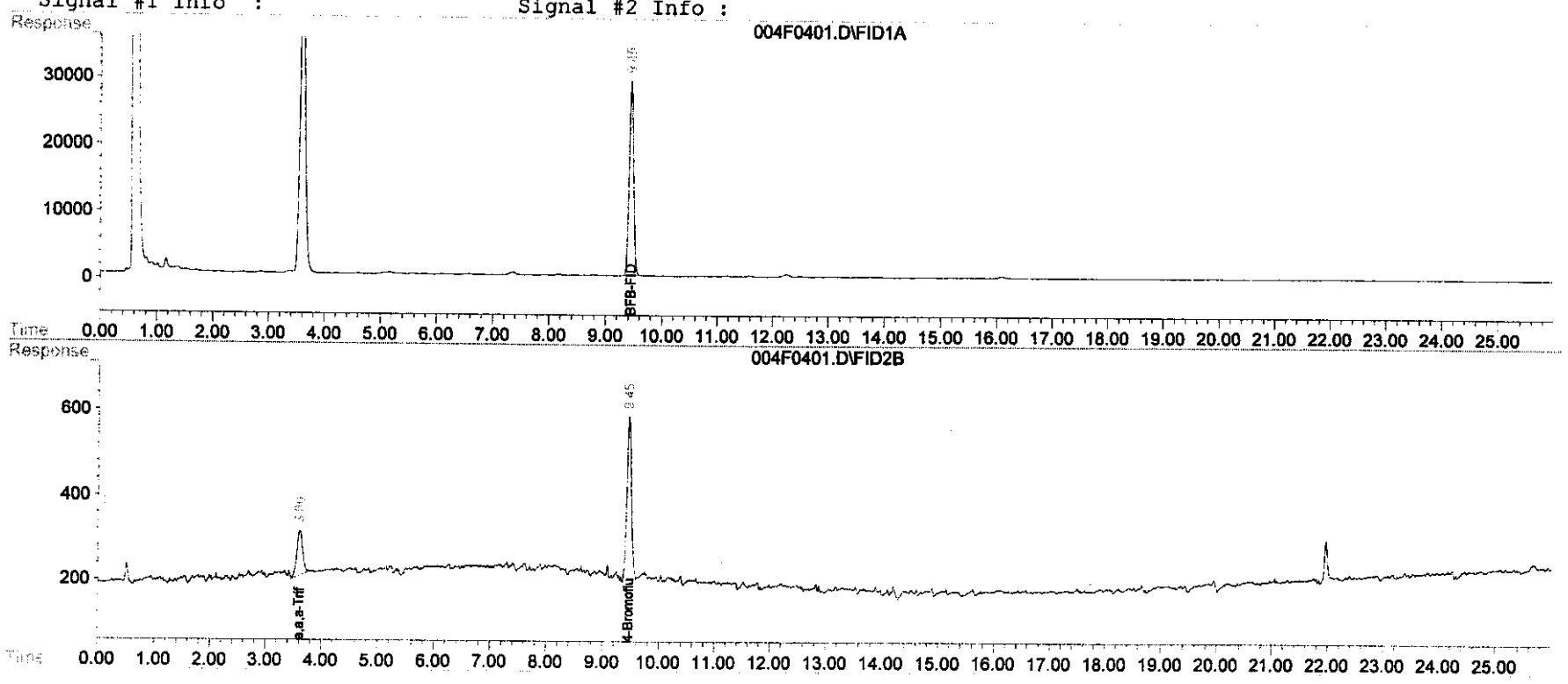
Quantita n Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\004F0401.D\FID1A.CH Vial: 4
Acq On : 01-Jul-2005, 12:59:44 Operator: RG
Sample : 1567-1765,,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\004F0401.D\FID2B.CH Vial: 4
Acq On : 01-Jul-05, 12:59:44 Operator: RG
Sample : 1567-1765,,5, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID1A.CH Vial: 10
Acq On : 01-Jul-2005, 16:11:44 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID2B.CH Vial: 10
Acq On : 01-Jul-05, 16:11:44 Operator: RG
Sample : ~~LCS-Sol,1,,2~~ n/a Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6577	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1657355	106.129 ug/L
Spiked Amount 100.000		Recovery =	106.13%
11) S 4-Bromofluorobenzene	9.45	22414	97.248 ug/L
Spiked Amount 100.000		Recovery =	97.25%
Target Compounds			
1) H T M Gasoline	8.00	25941312	955.312 ug/L
5) T Methyl-tert-butyl ether	1.36	705	12.898 ug/L
6) T M Benzene	2.49	3610	15.411 ug/L
7) T M Toluene	5.17	24244	73.643 ug/L
8) T M Ethylbenzene	7.91	5039	13.768 ug/L
9) T M m,p-Xylene	8.17	24508	56.644 ug/L
10) T M o-Xylene	8.79	8293	23.267 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	4734	8.566 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13830	33.202 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

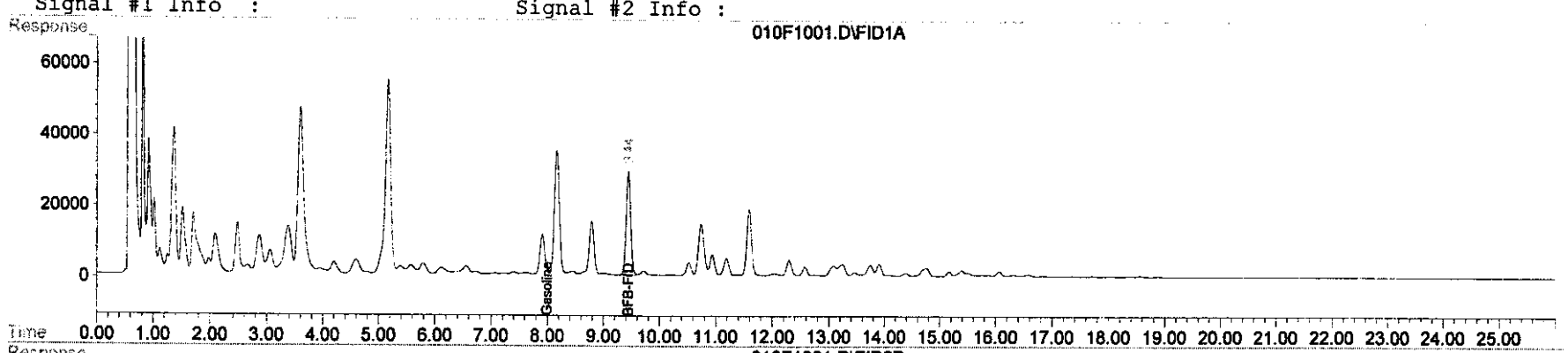
Quantita ı Report

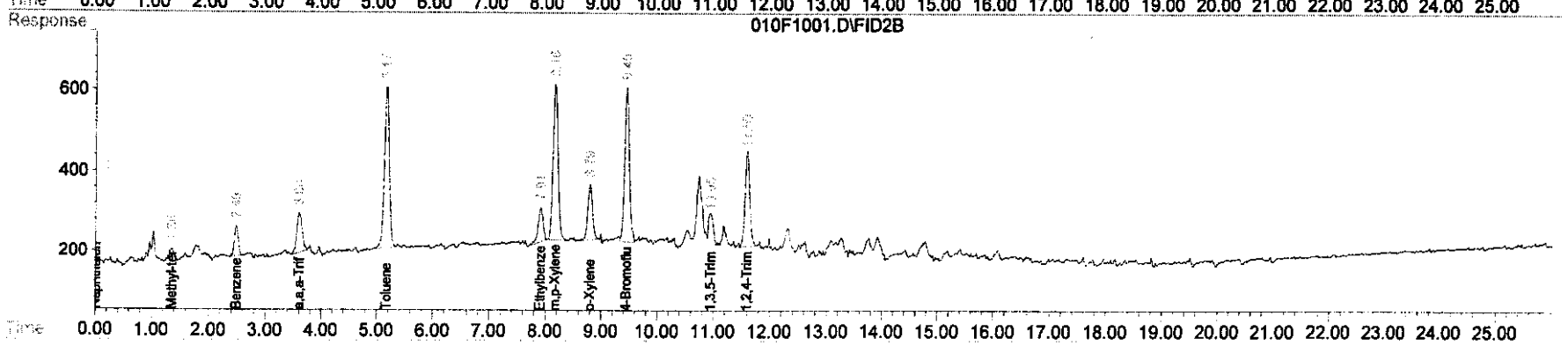
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID1A.CH Vial: 10
Acq On : 01-Jul-2005, 16:11:44 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\010F1001.D\FID2B.CH Vial: 10
Acq On : 01-Jul-05, 16:11:44 Operator: RG
Sample : ~~LCS Sol,1,,2~~ Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID1A.CH Vial: 11
Acq On : 01-Jul-2005, 16:44:22 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID2B.CH Vial: 11
Acq On : 01-Jul-05, 16:44:22 Operator: RG
Sample : ~~GRO CCV~~ Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6302	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1570452	100.550 ug/L
Spiked Amount 100.000		Recovery =	100.55%
11) S 4-Bromofluorobenzene	9.45	21640	97.981 ug/L
Spiked Amount 100.000		Recovery =	97.98%
Target Compounds			
1) H T M Gasoline	8.00	18151137	627.489 ug/L
5) T Methyl-tert-butyl ether	1.35	2189	42.886 ug/L
6) T M Benzene	2.49	12787	53.001 ug/L
7) T M Toluene	5.17	14902	46.881 ug/L
8) T M Ethylbenzene	7.91	14858	47.509 ug/L
9) T M m,p-Xylene	8.17	37694	92.467 ug/L
10) T M o-Xylene	8.79	15350	45.830 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23876	45.086 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18385	46.499 ug/L
14) T Naphthalene	16.07	9395	46.217 ug/L

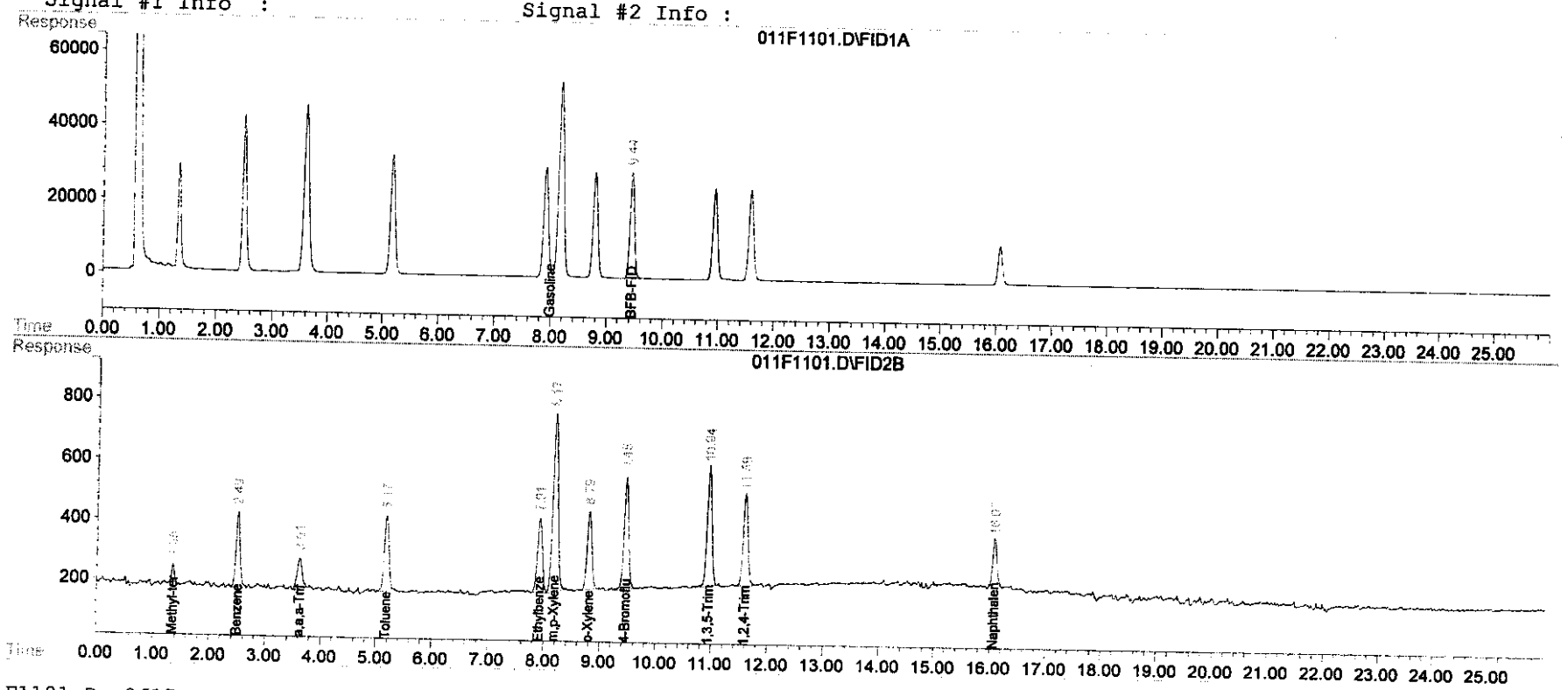
Quantita n Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID1A.CH Vial: 11
Acq On : 01-Jul-2005, 16:44:22 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050701\011F1101.D\FID2B.CH Vial: 11
Acq On : 01-Jul-05, 16:44:22 Operator: RG
Sample : ~~GRO CCV~~ Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 5 18:27 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



011F1101.D 0617ARCH.M Wed Jul 06 11:48:56 2005 VOA