Final
Targeted Brownfield Assessment

Fort Benning and Cusseta Road Property
Columbus, Muscogee County, Georgia

December 2006

FINAL TARGETED BROWNFIELD ASSESSMENT

Fort Benning and Cusseta Road Site
Columbus, Muscogee County, Georgia

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1.0 INTRODUCTION

1.1 Background

The approximate 35 acres of property located at the intersection of Fort Benning Road and Cusseta Road was selected for a Targeted Brownfield Site Assessment. The tract is strategically located adjacent to one of the Enterprise Zone's biggest economic development success stories, the PlyMart facility. The Enterprise Zone is an economically depressed area targeted by the City of Columbus for revitalization. A brownfield, as defined by EPA, is a site or portion thereof that has actual or perceived contamination and an active potential for redevelopment or reuse. EPA's Brownfield Economic Redevelopment Initiative is designed to empower states, communities, and other stakeholders in economic redevelopment to work together in a timely manner to prevent, assess, safely clean up, and sustainably reuse brownfields.

Jordan, Jones & Goulding, Inc. (JJG) performed a Phase I Environmental Site Assessment (ESA) on the subject property in August 2004. The Fort Benning/Cusseta Road Quality Assurance Project Plan (QAPP) was prepared by JJG in October 2004 (revised April 2005 and December 2005). The QAPP outlined the scope of work, data quality objectives, and quality assurance protocols to ensure the work was completed in accordance with EPA approved procedures. On April 27, 2006, the JJG field crew mobilized to the site and began field investigations in accordance with the QAPP. A site map developed from a topographic survey of the site was completed in August 2006.

The property is currently owned by Columbus Consolidated Government (CCG); however, CCG anticipates selling and/or leasing the property to other entities, possibly including local development authorities, light industry, and/or private developers.

The objective of this investigation is to evaluate if surface soil contamination exists on-site, and if present, assess the potential threat to human health if the site is redeveloped.

1.2 Site Location

The subject property is approximately 35 acres and is located near the intersection of Fort Benning Road and Cusseta Road. There are multiple property address numbers along both Fort Benning Road and Cusseta Road that are associated with this site. The site is located at approximately latitude 32°26'2.8" north and longitude 84°56'17.5"west, and is shown in Figure 1-1.

During Phase I ESA activities performed by JJG in 2004, the subject tract was predominately undeveloped and unoccupied with the exception of several parcels along Cusseta Road. This developed portion was occupied by a church at the time of the Phase I ESA in a building structure that was formerly a gasoline/service station and car wash facility. This building structure has since been removed; however, this portion of the property included in the Phase I ESA was not included as part of these assessment

activities and is indicated by shading on Figures 3-1, 3-2, 4-1, and 4-2. Portions of the subject property are heavily vegetated, particularly on the southern side, parts of the interior, and parts of the east side of the subject property, while other portions are sparsely vegetated. Evidence of former building structures (i.e. concrete pads, parking areas, etc.) are also present on the subject property particularly along Fort Benning Road. Multiple access points to the subject property are provided along both Cusseta Road and Fort Benning Road.

Site topography is level to very gently sloping with an elevation of approximately 280 to 280 feet msl. Properties adjoining the subject site in all directions include undeveloped, residential, and light industrial tracts.

The property is currently owned by the Columbus Consolidated Government. The majority of the property was acquired by CCG in 2000 from two separate owners, as reported in the 2004 Phase I ESA. The location of the subject property is illustrated on Figures 1-1.

1.3 Site History

Jordan, Jones & Goulding performed a Phase I ESA on the subject property in August 2004. A copy of the *Modified Phase II Environmental Site Assessment* performed by Fall Line Environmental of Columbus, Georgia, dated June 2000, was provided to JJG for review as part of JJG's August 2004 Phase I ESA. This report pertained predominately to the portion of the subject property that was formerly an auto auction/salvage yard.

Information gathered during the 2004 Phase I ESA indicated the site has been used for commercial, residential, and agricultural purposes (orchard or groves). A part of the subject property along Fort Benning Road was reportedly used as a drive-in theater in the late 1940s and continued through the late 1970s or early 1980s. This portion of the subject property was later used as an auto auction/salvage facility. Other on-site operations along Fort Benning Road included a used car sales facility, restaurants, car repair shops, stores, and a cab company. Historical operations at the subject property along Cusseta Road included a gas station, car wash, several commercial businesses (i.e., a restaurant, an auto repair shop, a heating and air conditioning services, and a thrift store), and a church. With the exception of the church, activities on the subject property ceased in the early 2000's after CCG obtained the subject property in 2000. Church activities ceased in the mid 2000s when the building structure was removed from the subject property. As discussed previously, this property was not included as part of these assessment activities.

Much of the adjacent and surrounding area appeared to contain a mixture of residential, commercial, and light to heavy industrial development. This area is near one of Columbus's largest housing developments. Historical commercial and industrial development has included Fold Pak South, Exide Technology (a.k.a. GNB Batteries,

Chloride Metals, and Chloride Batteries), auto repair/service shops, used auto sales, body shops, gasoline stations, and other commercial and industrial establishments.

Phase II ESA activities performed in 2000 by Fall Line Environmental included performing ten hand auger borings to depths of two to four feet below ground surface (bgs) to assess potential hydrocarbon releases in the identified areas of concern. Hand auger borings were reportedly installed near the main building, the waste oil ASTs, and in the yard of the auto auction/salvage facility. Soil samples were collected and field screened for the presence of organic vapors. No organic vapors were detected in the collected soil samples, and the collected soil samples were composited into five soil samples for laboratory analyses. The samples were sent for chemical analyses of benzene, toluene, ethylbenzene, and xylenes (BTEX) and petroleum range organics (PRO). Laboratory results indicated no detected BTEX or PRO concentrations above the laboratory detection limits. No additional assessment activities were recommended by Fall Line Environmental.

2.0 PHYSICAL SETTING

2.1 Regional Geology

According to the *Soil Survey of Muscogee County, Georgia*, the Fort Benning/Cusseta Road site is located in the Coastal Plain Physiographic Province near the Fall Line, which is the boundary between the Piedmont and Coastal Plain Physiographic Provinces. The Coastal Plain Province is south of the Fall Line and is composed of interbedded units of Cretaceous to Tertiary-aged sediments that dip and thicken to the south and southeast. The Piedmont Province is north of the Fall Line and is composed of igneous and metamorphic rock overlain by saprolitic and residual soil formed by the in-place weathering of bedrock.

2.2 Regional Hydrogeology

Groundwater in the Coastal Plain units typically occurs in the intergranular pore spaces in the sedimentary units. Relatively permeable water-bearing units will typically occur as saturated beds and layers of gravelly or sandy materials. While units of silt and clay may be saturated, such materials do not typically comprise permeable water-bearing units. Groundwater in the Piedmont Physiographic Province typically occurs in the intergranular pore spaces of the saprolitic and residual soil and in discontinuities (fractures, joints, faults, etc.) in the underlying bedrock. The distribution and degree of interconnection of discontinuities control groundwater movement within the rock. Consequentially, the direction of groundwater movement in the bedrock water-bearing zone is difficult to predict, particularly on a local scale.

Figure 2-1 shows the site location on the 1993 USGS topographic map of Columbus, Georgia.

3.0 SITE INVESTIGATION

The surface soil sample designs were selected based on information obtained during the site visit performed as part of the Phase I ESA performed by JJG in 2004 and from 2000 ESA work performed by Fall Line Environmental. The sample designs selected were appropriate for the objectives of the assessment and are detailed in the QAPP approved by the EPA in January 2006. Other factors that were considered include limiting the time frame for the assessment and the project budget.

3.1 Surface Soil

Twelve surface soil samples were obtained from the site. The selected sample design was a combination of judgmental and biases sampling methods. This was done in an effort to produce the most resource-effective design that would develop data representative of the site. All soil sample analytical results are critical to the outcome of the assessment.

A judgmental sampling design was used for the former auto auction/salvage facility, and for the near the remnants of the former building structures along Fort Benning Road. An initial control location was chosen at random in both locations and additional samples were collected across these areas using the knowledge and experience of the sampler to attempt to derive average conditions of the site.

Biased sampling was used for collected samples from adjacent to the remnants of the main building of the former auto auction/salvage facility, from near the former location of the ASTs formerly located at the auto auction/salvage facility, and from a location without current site development (background sample).

3.2 Sample Collection

The procedures for sample collection, preservation, handling, custody, and decontamination followed guidance in the US EPA Region IV Environmental Investigations Standards Operating Procedures and Quality Assurance Manual (EISOPQAM), May 1996 including 2001 Revisions.

3.2.1 Soil Sampling

Surface soil samples were collected from a depth of 3 to 12 inches below ground surface using a stainless steel scoop and stainless steel hand auger (Section 12.2 and 123.1 EISOPQAM). Soil sampling locations are shown on Figure 3-2.

Collected aliquots of the soil were placed in the appropriate pre-cleaned and pre-weighed, (if appropriate for the analytical methodology) sample containers. Terracore® samplers were used to collect soil samples for VOC analyses. All samples were clearly labeled

with indelible ink. Each sample was given its own number that will not change during the life of the project. All samples were preserved and placed on ice immediately after collection. To maintain and document sample possession, chain-of-custody (COC) procedures were followed. Samples were packed in coolers and hand delivered to Analytical Services, Inc. (ASI) in Norcross, Georgia, in order to allow the laboratory sufficient time to meet the required holding times. Soil sampling data was recorded in the field logbook in indelible ink and transferred to the field data sheets. Standard surveying methodologies were used to locate the soil sampling locations on the site.

3.2.2 Quality Control

In addition to the primary soil samples collected in the field, Quality Control (QC) samples, including trip blanks and blind field duplicates, were collected during the sampling event. These QC samples were used to monitor any changes that occurred to the samples during and after sample collection. The trip blanks enable evaluation of bias (systematic errors) that could have occurred due to decontamination, handling, storage, and transport of the samples. Split samples were also collected to evaluate sample handling variability, and matrix spike and matrix side duplicate samples were collected to evaluate the accuracy of field collection and laboratory analyses. The blind field duplicate was used to evaluate the accuracy of the laboratory. Approximately, 10% of the samples collected during the field investigations were analyzed for QC purposes.

3.3 Field Measurements

All field equipment needed for sampling as well as safety concerns was properly maintained and calibrated prior to and during use to assure that all measurements were as accurate as possible. Instruments used during soil sampling activities included a photoionization detector (PID). The instrument was calibrated according to the manufacturer's operating instructions to ensure the instrument functioned within its established operation ranges. Documentation of calibration is included in Appendix A. Review of the calibration data was recorded in the field logbook.

3.4 Equipment Decontamination

Equipment decontamination procedures were implemented to avoid cross contamination of the subsurface and samples. A decontamination (decon) station was set up on site in both the former auto auction/salvage area and in the former building structure area along Fort Benning Road. The decon station was used to decontaminate both personnel and small sampling equipment. Decon buckets containing the various rinses of decon water and decon soaps were placed on 10-mil thick plastic sheeting. Phthalate-free, nitrile gloves were worn by sampling personnel during all equipment handling activities.

Prior to use and after each sampling event, all small sampling equipment was properly decontaminated and cleaned to prevent cross-contamination. The equipment decontamination procedure consisted of a potable water rinse to remove visible dirt and

debris, followed by an Alconox wash, another potable water rinse, a deionized water rinse, an isopropyl alcohol wash, and final deionized water rinse followed by air drying of the equipment. After decontamination, all of the soil sampling equipment, including collection scoops, hand auger, sampling bowls, and mixing spoons, were wrapped and stored in aluminum foil (shiny side out) until the next use, as appropriate.

4.0 SOIL ANALYTICAL RESULTS

Twelve surface soil samples, 3 – 12 inches in depth, were collected from distinct and representative areas across the site. One soil sample was collected near the remnants of the main building of the former auto auction/salvage yard building (SB-1), one sample was collected around the former location of the used oil ASTs used at the former auction/salvage yard (SB-2), three samples were collected around the yard of the former auto auction/salvage yard (SB-3, 4, 5), six samples were collected around remnants of other building locations formerly located on the subject property (SB-6, 7, 8, 9 10, 11), and one background soil sample was collected from an area without current or known historical development (SB-12). The soil samples were analyzed for VOCs (8260B) and 8 RCRA Metals (6010B and 7471A). To determine if the site should be considered contaminated, the arithmetic mean concentration was compared to EPA Region 9 Industrial Preliminary Remediation Goals (PRGs) for each analyte. Field logs are included in Appendix A, Field Data.

4.1 Metals Analyses

All soil samples were tested for 8 RCRA metals (arsenic, barium, cadmium, chromium lead, mercury, selenium, and silver). No mercury, selenium, or silver were detected in any of the samples. Analytes detected included arsenic, barium, cadmium, chromium, and lead. The average concentration for each analyte was calculated using the reported concentration for those analytes that were detected and the reporting limit for those analytes that were non-detect. Note that the reporting limit for arsenic was above the actual reported concentrations for the soil samples exhibiting detections. These results were flagged by the laboratory as being above the MDL but below the reporting limit. For all the metals detected, the calculated site average concentration was below the respective EPA Region 9 PRGs for industrial soil. With the exception of arsenic, the calculated site average concentration was below the respective EPA Region 9 PRGs for residential soil. However, it should be noted that the concentration of arsenic detected in the background soil sample collected from an area without current or known historical development (SB-12) was 1.4 mg/Kg, which is above the EPA Region 9 PRG for arsenic of 0.39 mg/Kg for residential soil. This suggests that the detected arsenic is representative of naturally occurring conditions onsite.

The results of the metals analyses for soil are presented in Table 4-1 and are shown on Figure 4-1. The laboratory data is included in Appendix B.

Table 4.1
Summary of Metals Results for Soils

Analyte	Number of Detections	Background Sample Result[1] (mg/Kg)	Maximum Detected Concentration (mg/Kg)	Average Concentration (mg/Kg)	PRG Industrial/ Residential (mg/Kg)
Arsenic	12	1.4	2.8[2]	1.44[2] 1.59[3]	1.6/0.39
Barium	13	20	57	22.46	67,000/5400
Cadmium	6	ND	0.52	0.15	450/37
Chromium	13	7.3	11	5.83	450/210
Lead	13	14	68	27.99	750/400

1. Sample FBCR-SB-12-04-06 was collected as a background sample.
2. Highest actual detection was below the reporting limit of 3.3 mg/kg. This average concentration was calculated without using the higher reporting limit.
3. This average calculation included the reporting limit of 3.3 (all detections were below this number).

4.2 Organics Analyses

Eleven of the 12 soil samples collected were analyzed for VOCs using EPA Method 8260B. The soil sample collected from an area without current or known historical development to evaluate background metal conditions on site was not analyzed for VOCs. Low levels of two VOCs were detected in only 2 of the soil samples. The laboratory flagged both detection results as being above the MDL but below the reporting limit. Acetone was detected in one of the soil samples (SB-7) at a concentration of 28 ug/kg, which is considerably below the EPA Region 9 PRG for acetone in both industrial (6,000,000 ug/kg) and residential (1,600,000 ug/kg). Naphthalene was detected in one of the soil samples (SB-9) at a concentration of 2.4 ug/kg, which is also considerably below the EPA Region 9 PRG for both industrial (190,000 ug/kg) and residential soil (56,000 ug/kg). Likewise, the average concentrations of both of these analytes were below their respective EPA Region 9 PRGs for both industrial and residential soil.

The results of the soils analysis for VOCs are presented in Table 4-2 and shown on Figure 4-3. The laboratory data is included in Appendix B.

Table 4-2
Summary of VOCs in Soils

Analyte	Number of Detections	Maximum Detected Concentration[1] (ug/kg)	Average Concentration (ug/Kg)	PRG Industrial/ Residential (ug/Kg)
Acetone	1	28	117.33	6,000,000/1,600,000
Naphthalene	1	2.4	11.45	190,000/56,000

1. Both reported concentrations were above their MDLs, but below the reporting limit. Therefore, the average concentration is basically the average reporting limit.

4.3 Extent of Soil Contamination

Based on the results of the soil investigation conducted at the site, low levels of metals exist at the site. Arsenic, barium, cadmium, chromium, and lead were detected in the soil samples. However, it should be emphasized that even the background soil sample exhibited levels of arsenic above the EPA Region 9 PRG for residential soils. In addition, with the exception of cadmium, all of the above listed metals were also detected in the background soil sample, SB-12, which was collected from an area without current or known historical site development. The average concentrations calculated for the metals detected on the site were below their respective EPA Region 9 PRGs for industrial soil. With the exception of arsenic, the average concentrations calculated for the metals detected on the site were below their respective EPA Region 9 PRGs for residential soil. Based upon these results, it appears that the detected metals in soil are naturally occurring and are not related to past site activities, including arsenic which was detected in 12 of the 13 soil samples (including the blind field duplicate).

All soil samples, with the exception of the background soil sample, were analyzed for VOCs. Two VOCs were detected at very low levels at the site. Acetone was detected in one soil sample and naphthalene was detected in one soil sample at levels below the reporting limit, but above the MDL. Both of the detected concentrations were well below their respective EPA Region 9 PRGs for both industrial and residential soils. Additionally, the average concentrations for each analyte calculated using the reported concentration for those analytes that were detected and the reporting limit for those analytes that were non-detect were also below their EPA Region 9 PRGs for both industrial and residential soils.

The low levels of metals and VOCs detected in the surface soils during this assessment do not present a threat to human health if the site is developed for industrial use. The presence of the detected metals (arsenic, barium, cadmium, chromium, and lead) are likely representative of naturally occurring conditions on site based upon the consistent

detections of these metals in the majority of the surface soil samples collected around the site and the detection of the majority of these metals in the background surface soil sample. Therefore, even though the detected concentrations of arsenic on site are above the EPA Region 9 PRG for arsenic in residential soil, the metals detected in onsite surface soils appear to be naturally occurring and the low levels of metals and VOCs detected in the surface soils during this assessment do not appear to present a threat to human health if the site is developed for residential use. The contaminant concentrations presented in this assessment are representative of the concentrations present on the site. It is possible that isolated locations may contain lower or higher concentrations than those detected in this study. Health and safety precautions to limit worker exposure to contamination should be taken when working in any excavations on site.

5.0 CONCLUSION AND RECOMMENDATIONS

Based on the data collected during this Targeted Brownfield Assessment, the following conclusions can be drawn about the extent of contamination in the surface soils around the remnants of the main building of the former auto auction/salvage yard, near the former location of the used oil ASTs used at the former auto auction/salvage yard, around the yard of the former auto auction/salvage yard, and around the remnants of other building locations formerly located on the subject property.

The low levels of metals and VOCs detected in the surface soils during this assessment do not present a threat to human health if the site is developed for industrial use. The presence of the detected metals (arsenic, barium, cadmium, chromium, and lead) are likely representative of naturally occurring conditions on site based upon the consistent detections of these metals in the majority of the surface soil samples collected around the site and the detection of the majority of these metals in the background surface soil sample. Therefore, even though the detected concentrations of arsenic on site are above the EPA Region 9 PRG for arsenic in residential soil, the metals detected onsite appear to be naturally occurring and the low levels of metals and VOCs detected in the surface soils during this assessment do not appear to present a threat to human health if the site is developed for residential use. The contaminant concentrations presented in this assessment are representative of the concentrations present on the site. It is possible that isolated locations may contain lower or higher concentrations than those detected in this study. Health and safety precautions to limit worker exposure to contamination should be taken when working in any excavations on site.

Based upon these results, no further surface soil investigation is recommended.

6.0 REFERENCES

US Environmental Protection Agency, US EPA Region 4 Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, November 2001.

US Environmental Protection Agency, Quality Assurance Guidance for Conducting Brownfields Site Assessments, EPA 450-R-98-038, September 1998,

US Environmental Protection Agency, Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846 Third Edition) Including Update III, June 1997.

US Environmental Protection Agency, Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008, Washington, DC, October 1999.

US Environmental Protection Agency, Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, EPA 540/R-94/013, Washington, DC, October 1999.

Jordan, Jones & Goulding, "*Phase I Environmental Site Assessment*", August 2004.

Jordan, Jones & Goulding, "Q*uality Assurance Project Plan Phase II Assessment*", October 2004 (Revised April 2005 and December 2005).

Figures

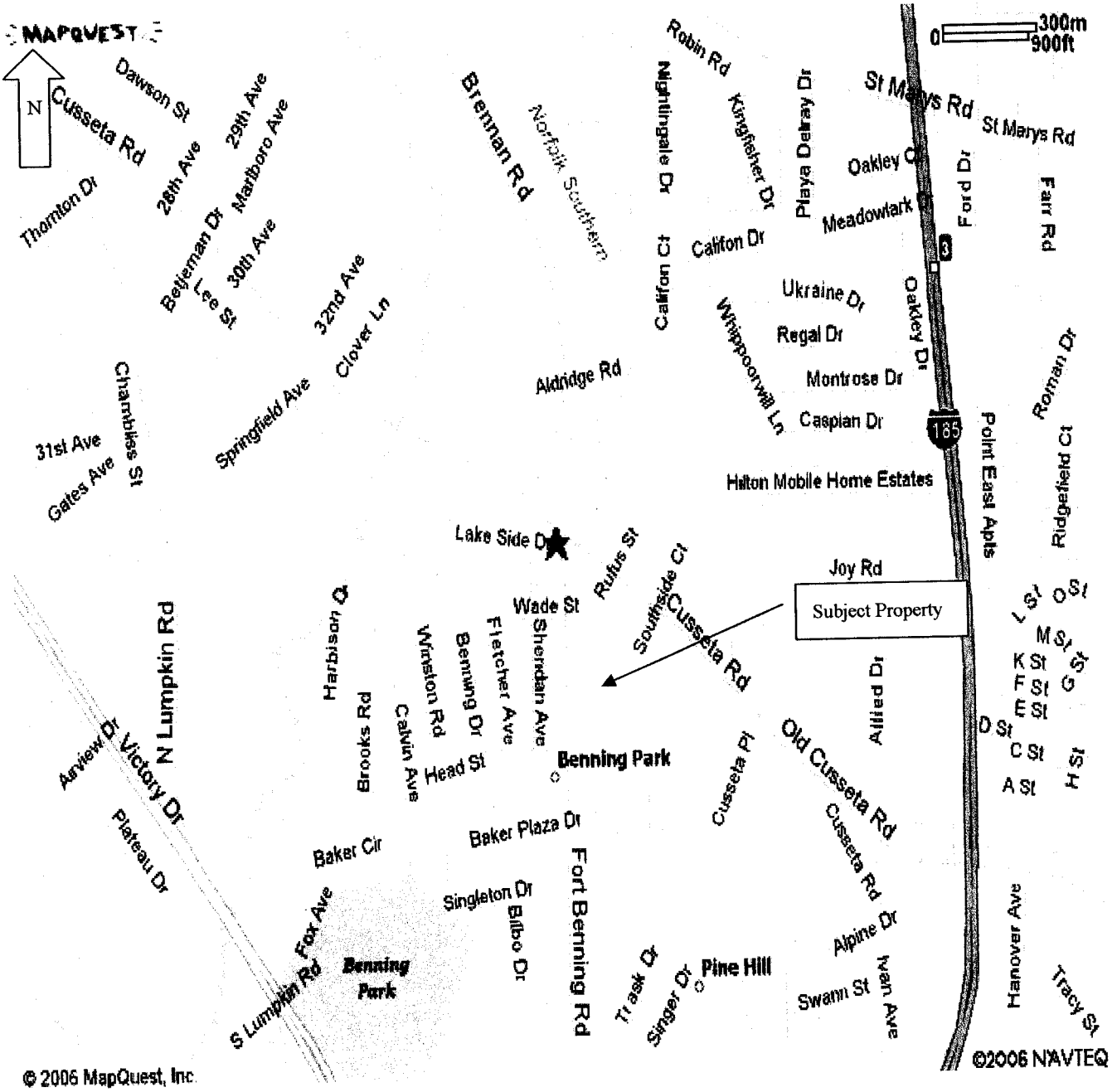
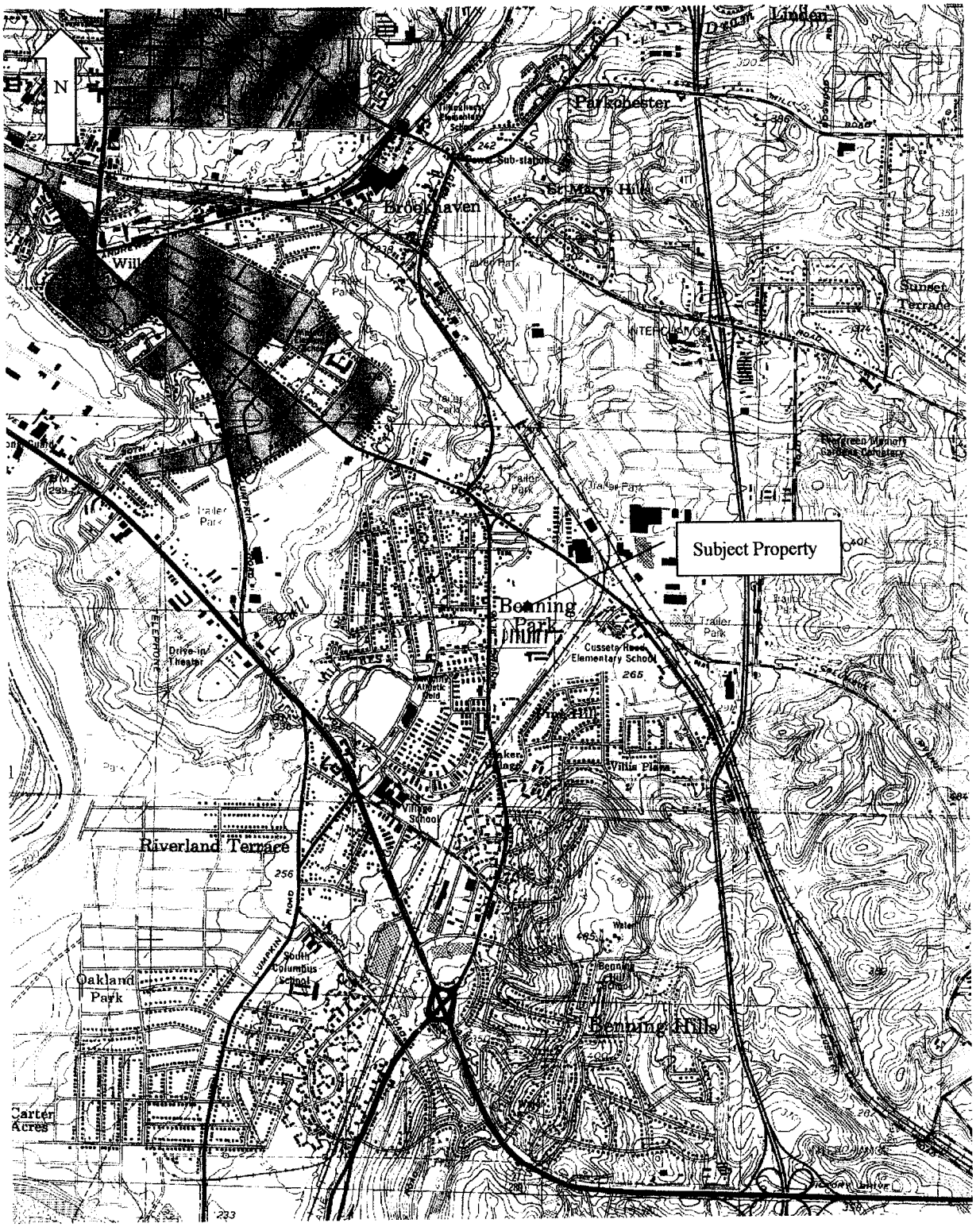


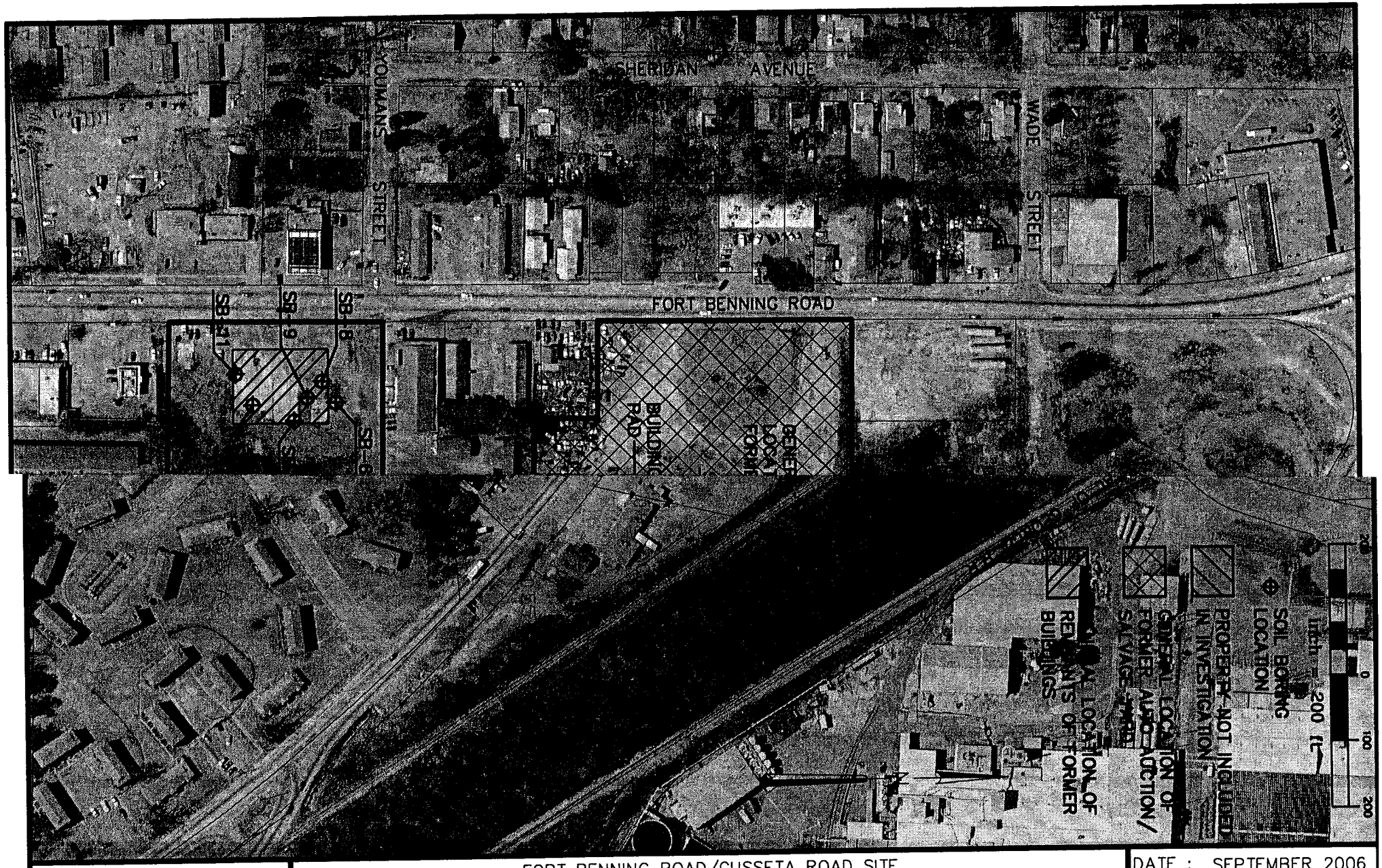
Figure 1-1
Site Location Map
Fort Benning and Cusseta Road Site
Columbus, Muscogee County, Georgia



USGS COLUMBUS, GEORGIA 7.5 MINUTE QUADRANGLE (1993) SCALE 1 INCH = 2,000 FEET

Figure 2-1
Site Topography Map
Fort Benning and Cusseta Road Site
Columbus, Muscogee County, Georgia

SBLFIELD_3-1.DWG
12.04.06



JORDAN JONES & GOULDING

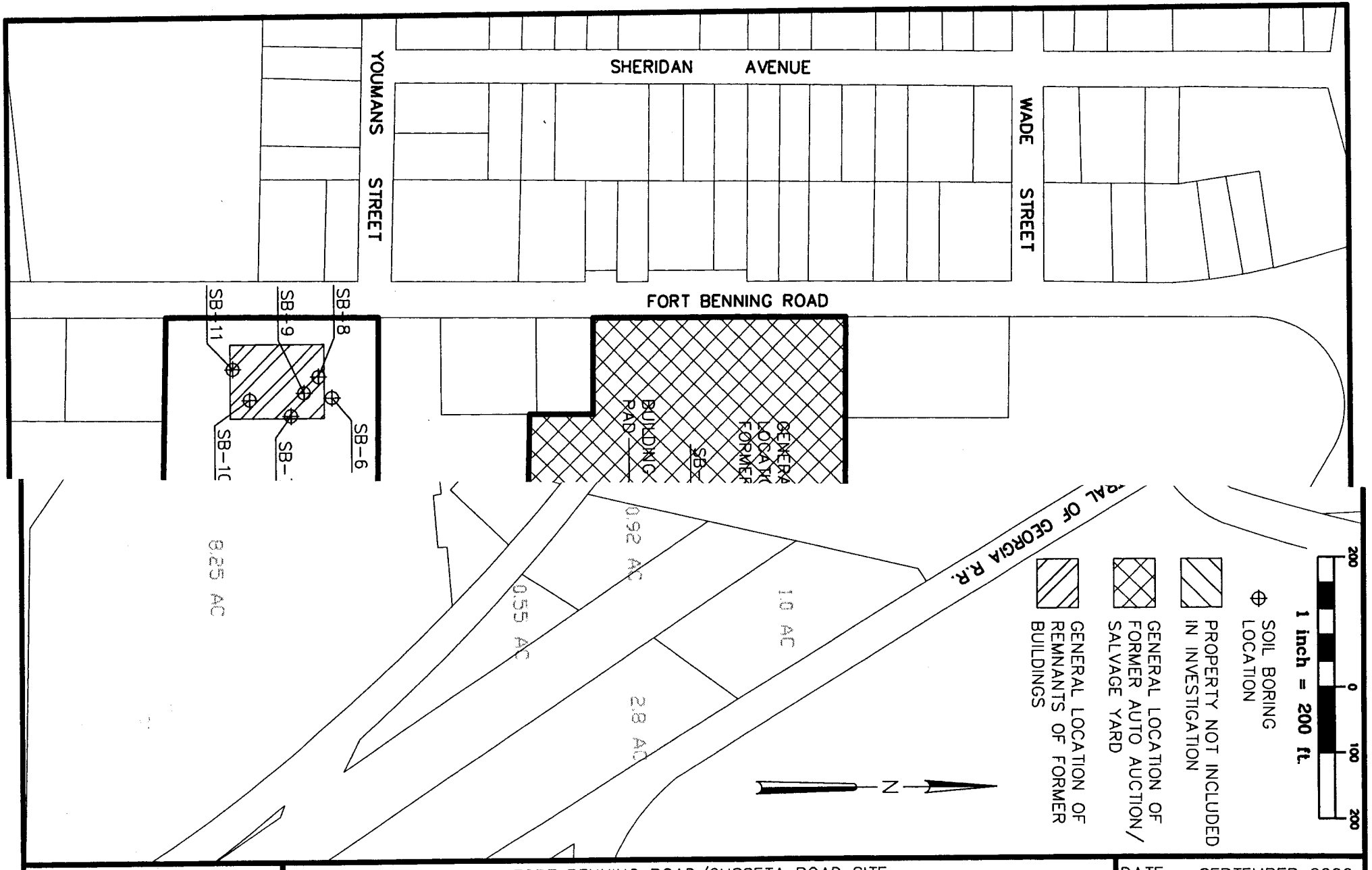
FORT BENNING ROAD/CUSSETA ROAD SITE
COLUMBUS CONSOLIDATED GOVERNMENT

SITE MAP SHOWING
SOIL BORING LOCATIONS

DATE : SEPTEMBER 2006
SCALE : 1" = 200'
JOB NO.: 2090.030

FIGURE 3-1

SBLFIELD_3-2.DWG
12.04.06



JORDAN JONES & GOULDING

FORT BENNING ROAD/CUSSETA ROAD SITE
COLUMBUS CONSOLIDATED GOVERNMENT

SITE MAP SHOWING
SOIL BORING LOCATIONS

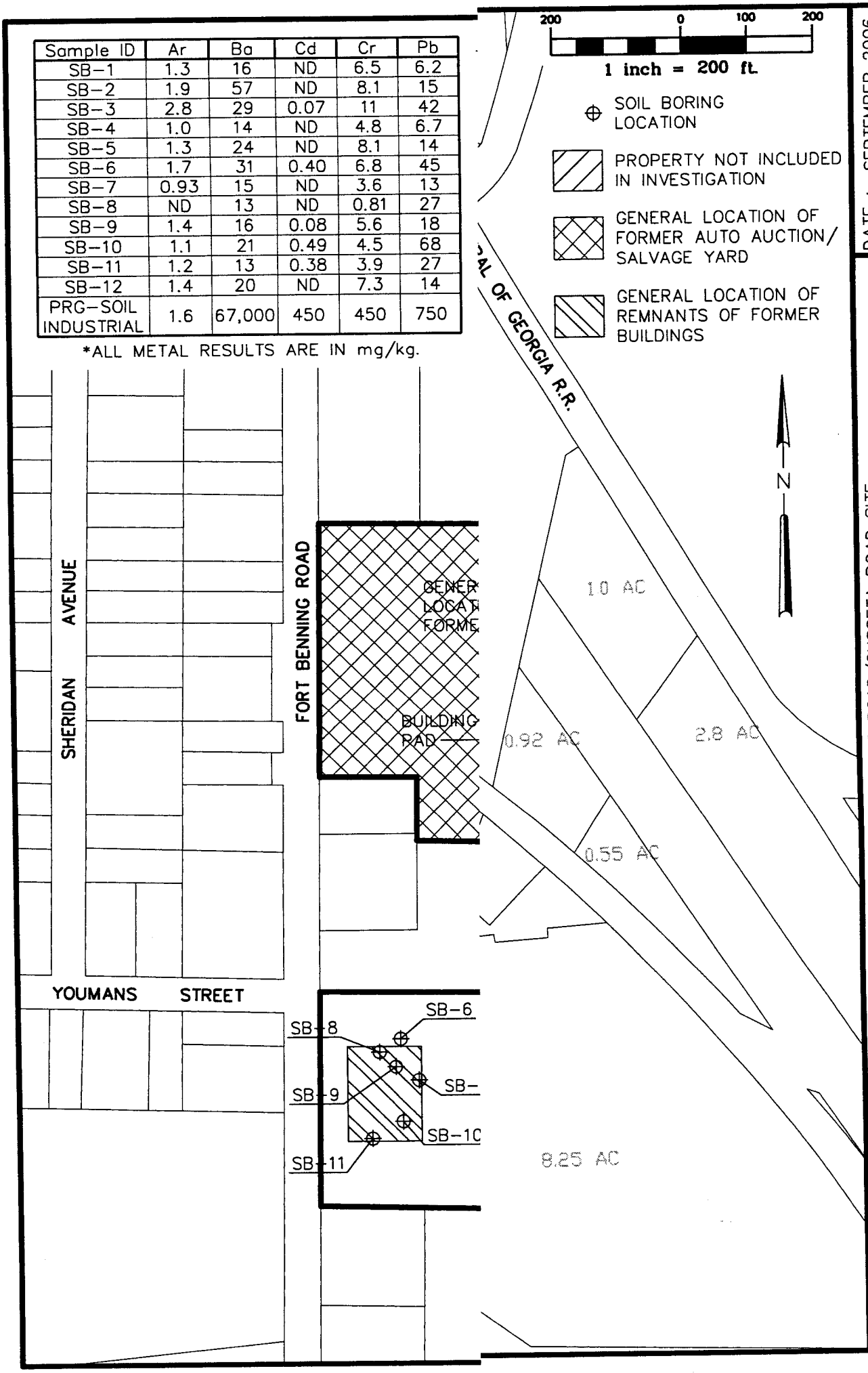
DATE : SEPTEMBER 2006
SCALE : 1" = 200'
JOB NO.: 2090.030

FIGURE 3-2

SBLFIELD_4-1.DWG
12.04.06

Sample ID	Ar	Ba	Cd	Cr	Pb
SB-1	1.3	16	ND	6.5	6.2
SB-2	1.9	57	ND	8.1	15
SB-3	2.8	29	0.07	11	42
SB-4	1.0	14	ND	4.8	6.7
SB-5	1.3	24	ND	8.1	14
SB-6	1.7	31	0.40	6.8	45
SB-7	0.93	15	ND	3.6	13
SB-8	ND	13	ND	0.81	27
SB-9	1.4	16	0.08	5.6	18
SB-10	1.1	21	0.49	4.5	68
SB-11	1.2	13	0.38	3.9	27
SB-12	1.4	20	ND	7.3	14
PRG-SOIL INDUSTRIAL	1.6	67,000	450	450	750

*ALL METAL RESULTS ARE IN mg/kg.



DATE : SEPTEMBER 2006
SCALE : 1" = 200'
JOB NO.: 2090.030

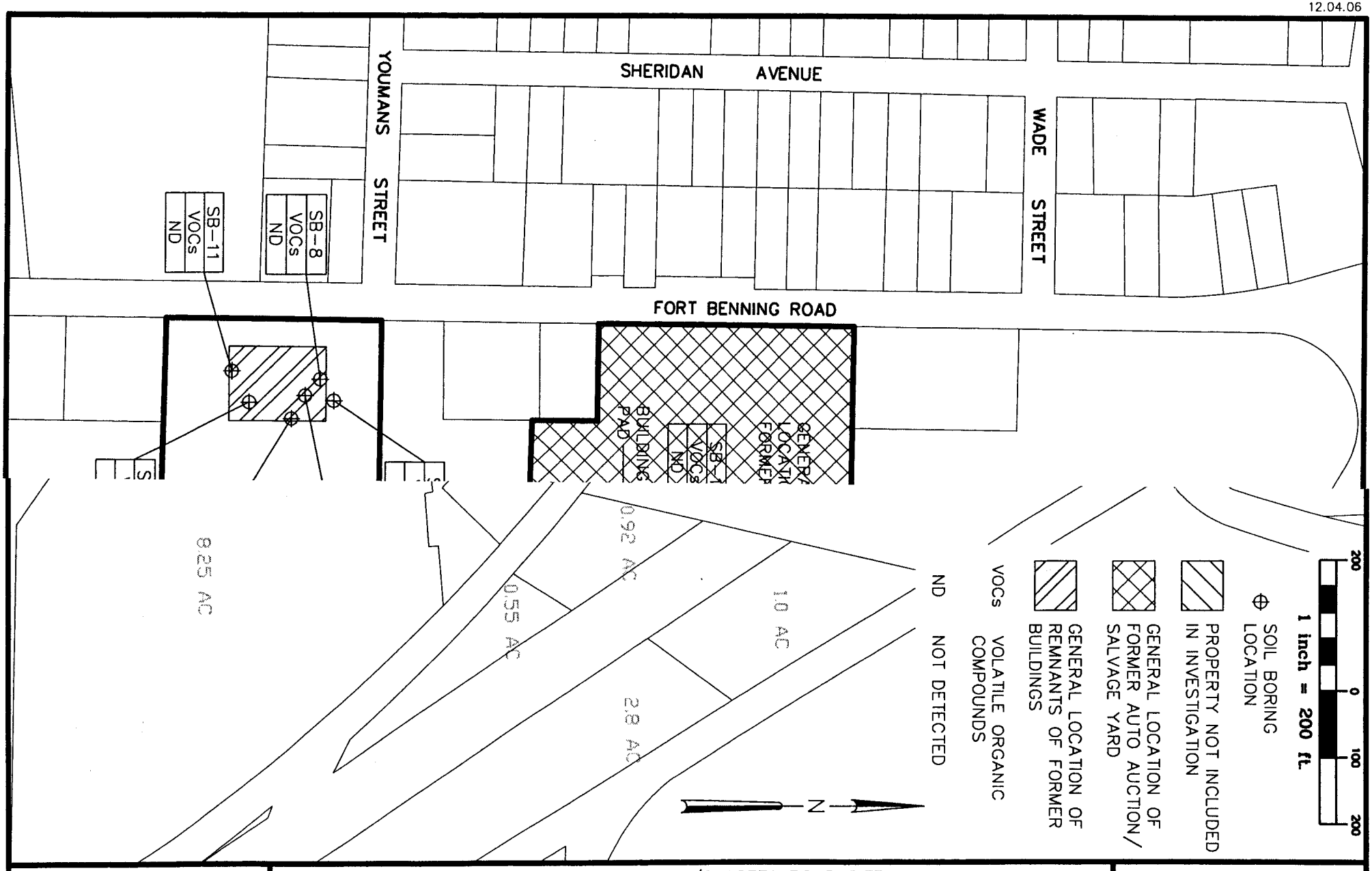
FIGURE 4-1

FORT BENNING ROAD/CUSSETA ROAD SITE
COLUMBUS CONSOLIDATED GOVERNMENT

SITE MAP SHOWING
METAL RESULTS FOR SOILS

JORDAN JONES & GOULDING

SBLFIELD_4-2.DWG
12.04.06



JORDAN JONES & GOULDING

FORT BENNING ROAD/CUSSETA ROAD SITE
COLUMBUS CONSOLIDATED GOVERNMENT

SITE MAP SHOWING
VOC RESULTS FOR SOILS

DATE : SEPTEMBER 2006
SCALE : 1" = 200'
JOB NO.: 2090.030

FIGURE 4-2

Jordan
Jones &
Goulding
Incorporated

APPENDIX A

Figure 3

DAILY FIELD REPORT

PROJECT MANAGER: Sherri Clark	DATE: 4/27/06
PROJECT: Ft Benning / Cusseta Rd	JOB NO.: 02090.030
REPORT NO.:	DAY: Thursday
WEATHER: Sunny, Windy, ~~78°~~	TEMP: 78°

PERSONNEL ON SITE:

Sherri Clark and Eric Smiley

SUB-CONTRACTORS ON SITE:

N/A

EQUIPMENT ON SITE:

Calibrated ☑ Yes ☐ No

WORK PERFORMED:

Soil Sampling

SAMPLES COLLECTED:

SB-1 thru SB-4

SB-13 = split sample of SB-10, MS + MSD taken from SB-3

PROBLEMS ENCOUNTERED/CORRECTIVE ACTIONS TAKEN

None

SIGNATURE: _____ DATE: 4/27/06
(Field Personnel)

Figure 3

DAILY FIELD REPORT

PROJECT MANAGER: Sherri Clark	DATE: 4/26/06
PROJECT: Ft. Benning / Cusseta Rd	JOB NO.: 02090.030
REPORT NO.:	DAY: Wednesday
WEATHER: Rainy	TEMP: 70

PERSONNEL ON SITE:

Sherri Clark + Eric Smiley

SUB-CONTRACTORS ON SITE:

None

EQUIPMENT ON SITE:

Calibrated ☐ Yes ☐ No

WORK PERFORMED:

Reviewed Sampling protocols / QAPP + located soil sampling locations

SAMPLES COLLECTED:

None

PROBLEMS ENCOUNTERED/CORRECTIVE ACTIONS TAKEN

Rained Out

SIGNATURE: _____ DATE: 4/26/06
(Field Personnel)

Atlanta
Instrument
Rental

Certificate of Calibration

Instrument Type: MiniRae 2000

Serial Number: 110-005892

Calibration Gas	Result
Isobutylene 100 ppm	100 ppm

Calibrated by: B.R. Date: 04/21/06

5555 Oakbrook Parkway • Building 300, Suite 330 • Norcross, GA 30093
(888) 350-7368 • (770) 448-9955 • Fax (770) 448-0130
www.airental.com

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-1
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	Frac. ~~Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - ft
3"				2ppm	Red brown to gray silty sand with gravel and organics (SM)	
5					Tan to red-brown, Sandy Clay with gravel and organics (CL).	
10						
12"					Boring terminated at 12"	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-2
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Frac. Log~~ BID	Lithologic Description	Well Diagram / Comments Stickup - ft
					Dark gray to red-brown sand with silt with gravel and organics (SM)	
3"				2ppm	Tan sand with silt with gravel and organics (SM)	
5						
10						
12"					Boring terminated at 12"	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-3
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Frac Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - N/A ft
3"				0.8 ppm	Dark gray to brown silty sand with organics (SM)	
5						
10						
12"						
15					Boring terminated at 12"	
20						
25						
30						

Notes: FBCR-SB-3-MS-04-06
FBCR-SB-3-MSD-04-06
OTHER SAMPLES FROM THIS LOCATION.

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-4
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3-4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth (ft)(IN)	Sample No.	Blows / Foot	% Rec	~~Frac. Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - ft
					Brown to red brown, silty sand with little clay, with organics and gravel (SM)	
3"				2.7 ppm	Tan to red brown, silty sand with gravel (SM)	
5						
10					Red brown sandy clay (CL)	
12"					Boring terminated at 12".	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-5
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Frac. Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - ft
					Dark gray to brown, silty sand with organics (SM)	
3"				1 ppm		
5						
					Dark gray-brown to red brown clayey sand (CL)	
10						
12"						
					Boring terminated at 12".	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-6
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (N)	Sample No.	Blows / Foot	% Rec	Frac. Log (PID)	Lithologic Description	Well Diagram / Comments Stickup - ft
					Dark gray to brown, sand with organics (SP)	
3"				5.9 ppm		
5						
					Brown to gray, sand with silt with organics and gravels (SM)	
10						
12"						
					Boring terminated at 12".	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-7
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hot	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Frac Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - ft
3"				0.3 ppm	Dark gray to brown, silty sand with organics and gravel (SM).	
5						
					Tan silty sand with some organics and gravel (SM)	
10						
12"					Boring terminated at 12".	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-8
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth (ft)	Sample No.	Blows / Foot	% Rec	Frac. Log	Lithologic Description	Well Diagram / Comments Stickup - ft
3"				3ppm	Moist, dark gray to brown sand with organics and gravel (SP)	
5					Tan to brown silty sand with organics (SM)	
10					Brown to gray sand with organics and gravel (SP)	
12'					Boring terminated at 12"	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-9
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Frac. Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - ft
3"				2.2ppm	Moist, gray to brown sand with organics (SP)	
5						
10						
12"					Boring terminated at 12".	
15						
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-10/SB-13
Project Number	02090030.03	Weather	Fair	Sheet 1	of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer N/A	Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth (ft)	Sample No.	Blows / Foot	% Rec	Frac. Log	Lithologic Description	Well Diagram / Comments Stickup - ft
					Moist, dark gray to brown sand with organics (SP).	
3"				0.5ppm		
5						
					Dark gray to brown sand with organics and gravel, some debris (SP)	
10						
					Tan sand with some gravel (SP)	
12"						
15					Boring terminated at 12"	
20						
25						
30						

Notes: SB-13 is a split sample of SB-10.

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-11
Project Number	02090030.03	Weather	Fair	Sheet	1 of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	
Drill Rig	N/A	Depth Hole	12 inches	Datum	
Wt Hammer	N/A Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Frac. Log~~ PID	Lithologic Description	Well Diagram / Comments Stickup - ft
					Moist brown to tan Sand (SP)	
3"				0.4ppm		
5						
					Moist gray to brown sand, with organiss and Gravel (SP)	
10						
12"						
15					Boring terminated at 12"	
20						
25						
30						

Notes:

Boring / Monitoring Well Installation Log

Project Name	FBCR	Inspector	S. Clark / E. Smiley	Boring No.	SB-12
Project Number	02090030.03	Weather	Fair	Sheet 1	of 1
Drilling Company	N/A	Temperature	Hole	Surface Elev.	N/A
Drill Rig	N/A	Depth Hole	12 inches	Datum	N/A
Wt Hammer N/A	Drop N/A	Hole Diam.	~3+4 inches	Started	4/27/06
Driller	S. Clark / E. Smiley	Drilling Mud	N/A	Completed	4/27/06
Sampling Method	Handauger	No. Dist. S.A.	N/A	No. UD. S.A.	N/A
Initial Depth W.L.	N/A	Time W.L.	N/A	Date W.L.	N/A

Well Materials Inventory

Well I.D.	N/A	Filter Pack Qty	N/A	Grout Install	N/A
Well Casing Dia.	N/A L.F. N/A	Pack Type & Size	N/A	End Cap/Sump	N/A
Casing Type	N/A	Install Method	N/A	Prot. Casing: Y	N/A N
Joint Type	N/A	Seal Type	N/A	Well Pad Size	N/A
Well Screen Dia.	N/A L.F. N/A	Qty/Install Method	N/A	TOC Elevation	N/A
Screen Type	N/A	Grout Type & Qty	N/A	Water Level	N/A
Slot Size	N/A	Mix Ratio	N/A	Date WL N/A	Time

Boring and Well Diagram

Depth ~~(ft)~~ (IN)	Sample No.	Blows / Foot	% Rec	~~Free Log~~ (PID)	Lithologic Description	Well Diagram / Comments Stickup - ft
					Dark brown to tan silty sand with organics, moist near surface (SM)	
5						
10						
12"						
15					Boring terminated at 12"	
20						
25						
30						

Notes:

ASI ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Services
110 Technology Parkway, Norcross, GA 30092
(770)734-4200 FAX (770)734-4201

SAMPLE RECEIPT VARIANCE FORM

Attn: Ms. Sherri Clark

Client: JORDAN JONES & GOULDING - COLUMBUS GA COLUMBUS
Project: Ft. Benning/Cusseta Rd Site/GA
Recvd : 04/28/2006 **Logged By:** KH **NPDES:**
Work Order: 227779

OBSERVATIONS

#Samples: 31 **#Containers:** 92
pH: N/A **Temp(C):** 1 **Ice:** Yes **Custody Seal(s):** Intact

CHECKLIST ITEMS**

1. COC included with Samples	**Yes**
2. Chain of Custody Complete	**Yes**
3. Sample Container(s) Intact	**Yes**
4. Sample Container(s) Match COC	**No**
5. Params Designated by Client on COC	**Yes**
6. Temperature in Compliance	**Yes**
7. Sufficient Sample Volume for Analysis	**Yes**
8. Zero HeadSpace Maintained for VOA Analyses	**Yes**
9. Samples labeled preserved (if applicable)	**Yes**
10. Samples Received within Allowable Hold Times	**Yes**

Two sets of trip blanks were received that were not listed on the COC.
Temperature by IR Gun.
Cooled by Ice.
KH

Status: Samples processed as received. **Arrive Via:** Client **Airbill:**

Contacted: **Date:** **By:**

** **North Carolina Samples ONLY** - When a laboratory receives samples which do not meet sample collection, holding time, or preservative requirements, the laboratory must notify the sample collector or client and secure another sample. **If another sample cannot be secured, the original sample may be analyzed but the results reported must be qualified with the nature of the infraction(s) and the laboratory must notify the State Laboratory about the infraction(s).**
North Carolina Administrative Code, Reference 15A NCAC 2H.0805(a)(7)(N)

Chemisphere, Inc.

Custom Field Preservation Kit Directions

Using the Chemisphere Field Preservation Kit for High and Low Level Soil Sampling as Referenced in USEPA, SW-846 Update III, Method 5035

The Chemisphere Field Preservation Kit is designed to assist field personnel with collection of soil samples for volatiles analyses using the chemical preservation procedures described in SW-846 Method 5035. ***NOTE: When following the field preservation option of SW-846 Method 5035, the method directs that chemical preservation should be done immediately.***

Each kit contains two vials for LOW LEVEL SAMPLES (ORGANIC FREE WATER), one vial for a HIGH LEVEL SAMPLE (METHANOL) and one Terra Core® Sampler or EasyDraw Syringe®.

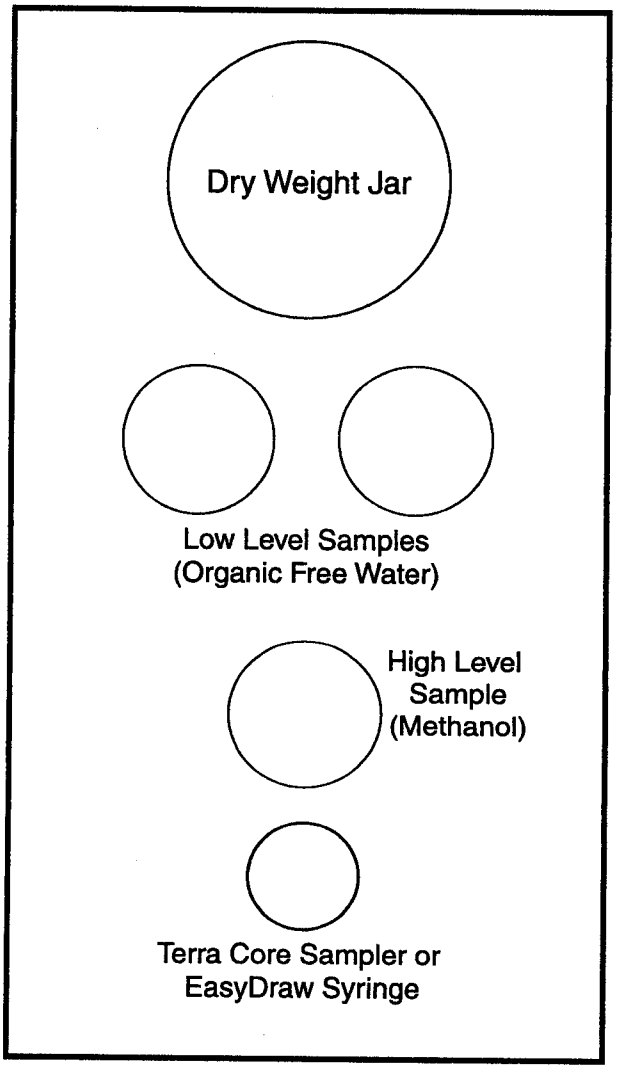
Step 1: Label vials and/or zipper bag with the appropriate sample identification.

Step 2: Following the appropriate enclosed directions, use the Terra Core® Sampler or EasyDraw Syringe® to transfer one ~ 5 gram soil plug from the sample point to each of the two 40 ml VOA vials containing Organic Free Water for LOW LEVEL SAMPLES. Quickly replace and tighten the lids.

Step 3: Using the same Terra Core® Sampler or EasyDraw Syringe®, transfer one ~5 gram soil plug from the same sample point to the remaining 40 ml VOA vial containing Methanol for the HIGH LEVEL SAMPLE. Quickly replace and tighten the lid.

Step 4: Place all containers back in foam holder and close zipper bag.

Step 5: Carefully place bag on ice for delivery to the laboratory.



Custom Chemisphere Field Preservation Kit for High and Low Level Sampling Includes:

- 1 - Disposable Terra Core Sampler or EasyDraw Syringe
- 1 - Dry weight jar with lid
- 2 - 40ml VOA vials with stir bar, 5 mls Organic Free Water and tare weight
- 1 - 40ml VOA vial with 5 mls Methanol and tare weight

Chemisphere, Inc. 1819 Saint George Street, Unit D • Green Bay, WI 54302 • www.ennovativetech.com
Phone: 920-465-3960 • Toll Free: 888-411-0757 • Fax: 920-465-3963

GOT EVERYTHING YOU NEED?

BEFORE SAMPLING, THOROUGHLY READ THE DIRECTIONS

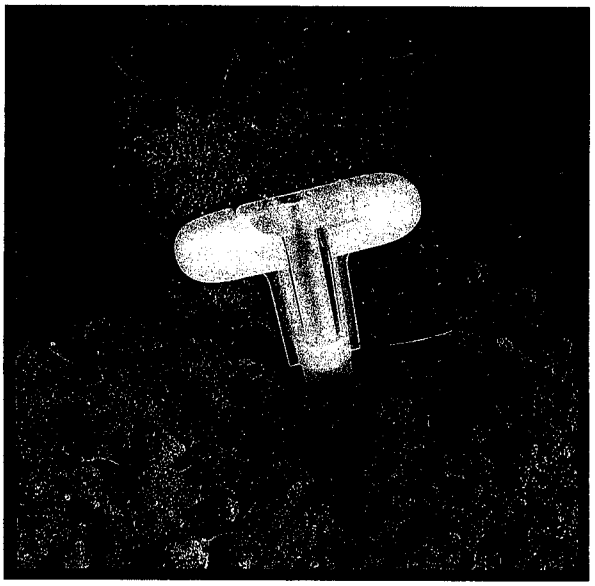
Before leaving for the sampling site, you may also need:

1. tared 40 ml VOA vials containing 5 ml of organic free water and a stir bar in case of effervesence. (These can be purchased from En Novative Technologies, Inc. Call 1-888-411-0757.)
2. pen
3. latex gloves
4. spatula or other implement to transfer soil to the dry weight jar
5. wipes or other material to remove any soil or debris that may fall onto the threads of the VOA vials
6. cooler with ice. SW846 Method 5035 samples need to be transported on ice at 4° C.

En Novative Technologies, Inc.

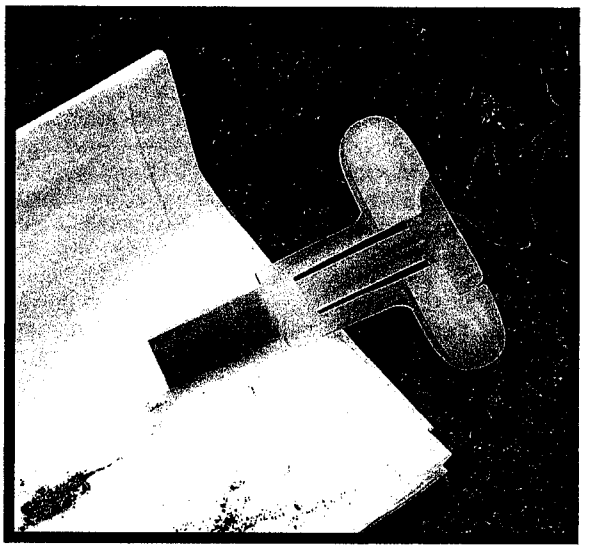
Recommended Use Of The Terra Core®

NOTE: ***The Terra Core® Sampler is a single use device. It cannot be cleaned and/or reused.***



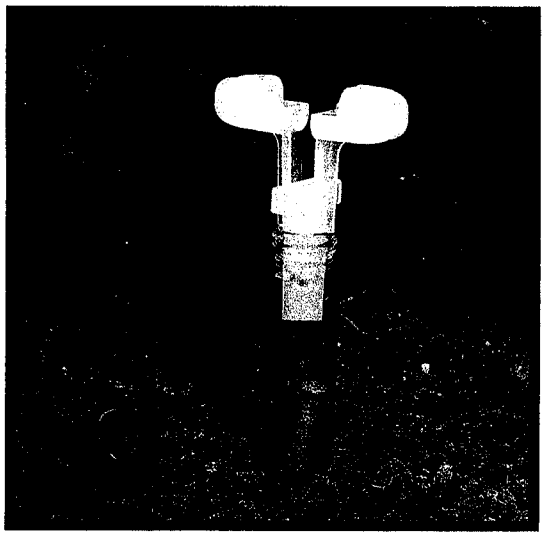
Step 1

Have ready a 40ml glass VOA vial containing the appropriate preservative. With the plunger seated in the handle, push the Terra Core® into freshly exposed soil until the sample chamber is filled. A filled chamber will deliver approximately 5 or 10 grams of soil.



Step 2

Wipe all soil or debris from the outside of the Terra Core® sampler. The soil plug should be flush with the mouth of the sampler. Remove any excess soil that extends beyond the mouth of the sampler.



Step 3

Rotate the plunger that was seated in the handle top 90° until it is aligned with the slots in the body. Place the mouth of the sampler into the 40ml VOA vial containing the appropriate preservative and extrude the sample by pushing the plunger down. Quickly place the lid back on the 40ml VOA vial. **Note:** When capping the 40ml VOA vial, be sure to remove any soil or debris from the top and/or threads of the vial.

En Novative Technologies, Inc.

Field Preservation Tools Price Schedule

Sampling Devices & Accessories

Terra Core® Sampler Bulk Pack - Contains 100 Disposable Samplers

Item # TERBPAC - 1 Case of 5 Gram Samplers ---------- $150.00/Case

Item # TERBPAC-10G - 1 Case of 10 Gram Samplers ---------- $150.00/Case

EasyDraw Syringes® - to be used with PowerStop Handle® **Item # PSEDSYR**

Sold in packs of 100 disposable syringes - each syringe delivers an ~ 5g, 10g or 13g sample.

1-4 packs ---------- $150.00/pack

5-9 packs ---------- $140.00/pack

10-19 packs ---------- $130.00/pack

20 + packs ---------- $125.00/pack

PowerStop Handle® - to be used with the EasyDraw Syringe® **Item # PSHAND**

1 handle ---------- $15.00 each

Organic Free Water Vials **Item# TERVDI**

Contains: 16 tared, 40ml vials containing 5mls of organic free water and stir bar

16 Pack ---------- $50.00/pack

En Novative Field Preservation Kits

High & Low Level Kit - Sold in packs of 6 or 16 **Item# FPKIT-HL**

1 Kit Contains: 1 Disposable Terra Core Sampler or EasyDraw Syringe, 1 dry weight jar with lid, 2-40ml VOA vials with stir bar, 5mls of Sodium Bisulfate solution and tare weight, 1-40ml VOA vial with 5mls of Methanol and tare weight.

pack of 6 kits ---------- $72.00

1- 3 packs of 16 kits ---------- $168.00/pack

4 - 9 packs of 16 kits ---------- $156.00/pack

10 + packs of 16 kits ---------- $144.00/pack

High Level Only Kit - Sold in packs of 6 or 16 **Item# FPKIT-H**

1 Kit Contains: 1 Disposable Terra Core Sampler or EasyDraw Syringe, 1 dry weight jar with lid, 1-40ml VOA vial with 5mls of Methanol and tare weight

pack of 6 kits ---------- $36.00

1- 3 packs of 16 kits ---------- $88.00/pack

4 - 9 packs of 16 kits ---------- $80.00/pack

10 + packs of 16 kits ---------- $72.00/pack

Custom Field Preservation Kit **Item# FPKIT-CUST**

Custom En Novative Field Preservation Kits are available.

Pricing may vary, please speak with an En Novative Technologies representative for custom kit pricing and information.

Note: The Terra Core® Sampler and EasyDraw Syringe are SINGLE USE devices. They cannot be cleaned and/or reused.

Telephone/Fax Orders Accepted 8:00 a.m. to 4:00 p.m., CST Monday - Friday

24 Hour/Day Ordering Available Through Our Website: www.ennovativetech.com

Terms of Payment: Open Account Terms, Subject to Credit Approval.

American Express, Master Card or Visa Accepted

Above prices do not include shipping and handling or applicable sales tax.

Prices charged are those in effect on the date of the sale.

Return Policy: A Restocking Fee will be charged on returns. Opened cases of Samplers cannot be returned.

En Novative Technologies, Inc. • 1241 Bellevue Street, Suite 7 • Green Bay, WI 54302 • www.ennovativetech.com

Phone: 920-465-3960 • Toll Free: 888-411-0757 • Fax: 920-465-3963

AlliedSignal

Burdick & Jackson

Material Safety Data Sheet

Methanol

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Methanol

OTHER/GENERIC NAMES: Methyl Alcohol, Carbinol, Wood Alcohol,

PRODUCT USE: Solvent

MANUFACTURER: Burdick & Jackson Inc.
A Subsidiary of AlliedSignal Inc.
1953 S.Harvey Street
Muskegon, MI 49442

FOR MORE INFORMATION CALL:
(Monday-Friday, 9:00am-4:30pm)
Product Safety Department
800-368-0050
231-726-3171

IN CASE OF EMERGENCY CALL:
(24 Hours/Day, 7 Days/Week)
973-455-2000 (AlliedSignal, Morristown, NJ)
1-800-424-9300 (Chemtrec)

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	WEIGHT %
Methanol	67-56-1	100%

Trace impurities and additional material names not listed above may also appear in Section 15 toward the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable liquid and vapor. Highly toxic by ingestion. Moderately toxic by other routes.

POTENTIAL HEALTH HAZARDS

SKIN: Irritant. Repeated or prolonged exposure can cause dermatitis.

EYES: Irritant. Redness, dryness, and itching can result from exposure.

INHALATION: Irritating to respiratory tract. Can cause drowsiness, disorientation, coughing and nausea.

AlliedSignal

Burdick & Jackson

MATERIAL SAFETY DATA SHEET
Methanol

INGESTION: Irritating to the gastro-intestinal tract. Can cause drowsiness, disorientation, coughing, nausea, vomiting, shortness of breath, coma, blindness and death.

DELAYED EFFECTS: None determined.

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

INGREDIENT NAME	NTP STATUS	IARC STATUS	OSHA LIST
No ingredients listed in this section.			

4. FIRST AID MEASURES

SKIN: Rinse affected area with plenty of water until no evidence of chemical remains.

EYES: Rinse eyes with plenty of water for at least 15 minutes. Contact a physician.

INHALATION: Remove from exposure area to fresh air. If victim is not breathing administer artificial respiration according to your level of training and obtain professional medical assistance immediately.

INGESTION: Get immediate EMERGENCY medical assistance. Do not induce vomiting unless instructed to do so by a physician.

ADVICE TO PHYSICIAN: Due to slow metabolism, the delayed effects (like blindness and acidosis) may occur after latent period of 24 hours or more.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:	52°F (11°C)
FLASH POINT METHOD:	Closed Cup
AUTOIGNITION TEMPERATURE:	867°F (464°C)
UPPER FLAME LIMIT (volume % in air):	36%
LOWER FLAME LIMIT (volume % in air):	6%
FLAME PROPAGATION RATE (solids):	Not Applicable
OSHA FLAMMABILITY CLASS:	IB

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Can burn with an invisible flame. Mixtures with high water content are still flammable.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS: Wear full protective clothing and self contained breathing apparatus. Containers in fire conditions will pressurize and may rupture. Do not allow run off from fire fighting effort to enter sewer or waterway.

INCOMPATIBILITIES:
Incompatible with metals (e.g. potassium , magnesium, aluminum).

CONDITIONS TO AVOID:
Heat, open flame, oxidizers, alkali and alkaline earth metals.

HAZARDOUS DECOMPOSITION PRODUCTS:
Incomplete combustion can generate toxic vapors of carbon monoxide and other toxic fumes such as formaldehyde.

HAZARDOUS POLYMERIZATION:
Not expected to occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:

Oral-Rat LD_{50}:5628 mg/kg
Oral-Mouse LD_{50}:7300 mg/kg
Oral-Monkey LD_{50} :7000 mg/kg
Inhalation-Rat LC_{50}:64,000 ppm/4H
Skin-Rabbit LD_{50}: 15,800 mg/kg

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:
Repeated inhalation exposure to rats caused CNS and behavioral effects, and changes to spleen.
Repeated oral exposures to rats caused liver toxicity, CNS effects and behavioral changes.

OTHER DATA:
Developmental and reproductive effects:
Female rats exposed during pregnancy to very high exposure levels by inhalation caused fetotoxic effects (10,000 ppm) and birth defects (20,000 ppm) as well as maternal toxicity. Female rats exposed during pregnancy to very high oral doses (20 - 35 g/kg) caused fetotoxic effects as well as maternal toxicity.

12. ECOLOGICAL INFORMATION

LC_{50} Pimephales promelas (fathead minnows 28-29 days old) 29.4 g/L/96 hr. Will produce high BOD.

13. DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded? Yes
If yes, the RCRA ID number is: U154, D001

OTHER DISPOSAL CONSIDERATIONS:
Dispose of material in accordance with all applicable local, state, and federal regulations.

AlliedSignal
Burdick & Jackson
MATERIAL SAFETY DATA SHEET
Methanol

The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT PROPER SHIPPING NAME:	Methanol *or Methyl Alcohol*
US DOT HAZARD CLASS:	3, Flammable Liquid
US DOT ID NUMBER:	UN1230
US DOT PACKING GROUP:	II
NA EMERGENCY RESPONSE GUIDE:	131

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

TSCA INVENTORY STATUS: Listed on TSCA Inventory.

OTHER TSCA ISSUES: None

SARA TITLE III/CERCLA

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

INGREDIENT NAME	SARA/CERCLA RQ (lb)	SARA EHS TPQ (lb)
Methanol	5000 Lbs.	Not listed

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: Acute, Chronic, Fire

SARA 313 TOXIC CHEMICALS:
The following ingredients are SARA 313 "Toxic Chemicals". CAS numbers and weight percents are found in Section 2.

INGREDIENT NAME	COMMENT
Methanol	

STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

INGREDIENT NAME	WEIGHT %	COMMENT

Methanol Vials - Certificate of Analysis

The Methanol Vials have been analyzed by GC/MS for the following compounds. The compounds were not detected at concentrations greater than or equal to the concentrations noted below:

Analyte	Conc. (UG/KG)	Analyte	Conc. (UG/KG)
Chloromethane	<50	Trichloroethene	<50
Bromomethane	<50	Dibromochloromethane	<50
Vinyl Chloride	<50	1,1,2-Trichloroethane	<50
Chloroethane	<50	Benzene	<50
Methylene Chloride	<500	trans-1,3-Dichloropropene	<50
Acetone	<500	Bromoform	<50
Carbon Disulfide	<50	4-Methyl-2-pentanone	<250
1,1-Dichloroethene	<50	2-Hexanone	<250
1,1-Dichloroethane	<50	Tetrachloroethene	<50
cis-1,2-Dichloroethene	<50	1,1,2,2-Tetrachloroethane	<50
trans-1,2-Dichloroethene	<50	1,2-Dibromoethane	<50
Chloroform	<50	Toluene	<50
1,2-Dichloroethane	<50	Chlorobenzene	<50
2-Butanone	<250	Ethylbenzene	<50
Bromochloromethane	<50	Styrene	<50
1,1,1-Trichloroethane	<50	Xylenes (total)	<150
Carbon Tetrachloride	<50	1,3-Dichlorobenzene	<50
Bromodichloromethane	<50	1,4-Dichlorobenzene	<50
1,2-Dichloropropane	<50	1,2-Dichlorobenzene	<50
cis-1,3-Dichloropropene	<50	1,2-Dibromo-3-chloropropane	<50

40 mL VOA vials filled with 5 mLs of Reagent Grade Methanol.

Approved by:

Tim O'Connor

Tim O'Connor
Quality Control Manager

En Novative Technologies, Inc.
1241 Bellevue Street
Green Bay, WI 54302
888-411-0757

F:\ANYONE\ENCORE\QC\Methanol QC Certification.DOC

Water Vials - Certificate of Analysis

The Water Vials have been analyzed by GC/MS for the following compounds. The compounds were not detected at concentrations greater than or equal to the concentrations noted below:

Analyte	Conc. (UG/KG)	Analyte	Conc. (UG/KG)
Chloromethane	<5	Trichloroethene	<5
Bromomethane	<5	Dibromochloromethane	<5
Vinyl Chloride	<5	1,1,2-Trichloroethane	<5
Chloroethane	<5	Benzene	<5
Methylene Chloride	<10	trans-1,3-Dichloropropene	<5
Acetone	<10	Bromoform	<5
Carbon Disulfide	<5	4-Methyl-2-pentanone	<5
1,1-Dichloroethene	<5	2-Hexanone	<5
1,1-Dichloroethane	<5	Tetrachloroethene	<5
cis-1,2-Dichloroethene	<5	1,1,2,2-Tetrachloroethane	<5
trans-1,2-Dichloroethene	<5	1,2-Dibromoethane	<5
Chloroform	<5	Toluene	<5
1,2-Dichloroethane	<5	Chlorobenzene	<5
2-Butanone	<5	Ethylbenzene	<5
Bromochloromethane	<5	Styrene	<5
1,1,1-Trichloroethane	<5	Xylenes (total)	<5
Carbon Tetrachloride	<5	1,3-Dichlorobenzene	<5
Bromodichloromethane	<5	1,4-Dichlorobenzene	<5
1,2-Dichloropropane	<5	1,2-Dichlorobenzene	<5
cis-1,3-Dichloropropene	<5	1,2-Dibromo-3-chloropropane	<5

40 mL VOA vials filled with 5 mLs of volatile free water.

Approved by:

Tim O'Connor
Quality Control Manager

En Novative Technologies, Inc.
1241 Bellevue Street
Green Bay, WI 54302
888-411-0757

F:\ANYONE\ENCORE\QC\Water Vials QC Certification DOC

Average Metal Concentrations

Sample ID	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
HSRA Notification Conc.	NA	41	500/BG	39	1200	300	17	36	10/BG
PRG - Soil Industrial	NA	1.6	67000	450	450	750	310	5100	5100
PRG - Soil Residential	NA	0.39	5400	37	210	400	23	390	390
FBCR-SB-1-04-06	4/27/2006	1.3	16	1.1	6.5	6.2	*0.23*	*4.6*	*1.1*
FBCR-SB-2-04-06	4/27/2006	1.9	57	*1.1*	8.1	15	*0.22*	*4.4*	*1.1*
FBCR-SB-3-04-06	4/27/2006	2.8	29	0.07	11	42	*0.22*	*4.4*	*1.1*
FBCR-SB-4-04-06	4/27/2006	1.0	14	*1.1*	4.8	6.7	*0.21*	*4.3*	*1.1*
FBCR-SB-5-04-06	4/27/2006	1.3	24	*1.2*	8.1	14	*0.23*	*4.6*	*1.2*
FBCR-SB-6-04-06	4/27/2006	1.7	31	0.40	6.8	45	*0.21*	*4.2*	*1*
FBCR-SB-7-04-06	4/27/2006	0.93	15	1.1	3.6	13	*0.21*	*4.3*	*1.1*
FBCR-SB-8-04-06	4/27/2006	*3.3*	13	*1.1*	0.81	27	*0.22*	*4.3*	*1.1*
FBCR-SB-9-04-06	4/27/2006	1.4	16	0.08	5.6	18	*0.22*	*4.3*	*1.1*
FBCR-SB-10-04-06	4/27/2006	1.1	21	0.49	4.5	68	*0.22*	*4.3*	*1.1*
FBCR-SB-11-04-06	4/27/2006	1.2	13	0.38	3.9	27	*0.21*	*4.3*	*1.1*
FBCR-SB-12-04-06	4/27/2006	1.4	20	*1.1*	7.3	14	*0.23*	*4.5*	*1.1*
FBCR-SB-13-04-06	4/27/2006	1.3	23	0.52	4.8	68	*0.22*	*4.3*	*1.1*
Average	NA	1.5869	22.4615	0.7492	5.8315	27.9923	0.2192	4.3692	0.0000

Notes: Sample result for arsenic on FBCR-SB-8-04-06 was non-detect. The reporting limit of 3.3 mg/kg was used

Jordan
Jones &
Goulding
Incorporated

APPENDIX B

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

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Chain of Custody	2	Page(s)
Login Checklist/Variance Form	1	Page(s)
Other Supporting Documents	269	Page(s)
Total Number of Pages in Report	324	

QC Report Available on Request

Analytical Services, Inc. certifies that the following analytical results meet all the requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Report Number **227779**

Project: Ft. Benning/Cusseta Rd Site/GA, Project #: 02090.030.03

Prepared For:

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

May 17, 2006

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Project Manager

Quality Assurance

This report may not be reproduced, except in full, without written approval from Analytical Services, Inc.

ASI

ANALYTICAL SERVICES, INC.

ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS

110 TECHNOLOGY PARKWAY • NORCROSS GA 30092

(770) 734-4200 • (770) 734-4201 FAX

CASE NARRATIVE

JORDAN, JONES AND GOULDING

ASI Report#: 227779

Twenty- nine samples and two trip blanks were collected April 27, 2006 and received at ASI on April 28, 2006. All conditions for proper sample receipt were met.

VOLATILES

The samples were analyzed for Volatiles by EPA Method 8260B.

QC was performed on sample 227779 -15, -17 and -19.

All data quality objectives were met.

METALS

The samples were analyzed for Metals by EPA Methods 7471A and 6010B.

QC was performed on samples 227779 –2, -16, -18 and -20. Lab control was low for Lead. Lab control was reanalyzed along with associated samples. Reanalysis was within control limits. MS, MSD and PDS failures for Lead were due to large abundance of analyte in parent sample and possible matrix interference.

All other data quality objectives were met.

METALS

The samples were analyzed for Moisture.

QC was performed on samples 227779 –20 and -23.

All data quality objectives were met.

I certify that this data package is in compliance with terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Quality Assurance Manager or her designee, as verified by the following signature:

Signature _____ Date 5-17-06

Max F. Oginsky
Quality Assurance

ASI ANALYTICAL SERVICES, INC.

ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY, NORCROSS, GA 30092
(770) 734-4200 • Fax (770) 734-4201

May 16, 2006

Jordan, Jones and Goulding
Ms. Sherri Clark
6001 River Road, Ste 408
Columbus, GA 31904

RE: Fort Benning Road/Cussetta Road Property QAPP

Ms. Clark:

In April 2005, ASI provided you with sample container information for the referenced QAPP Table 3 – Sampling and Analysis Summary. The Table references sodium bisulfate as the preservative for the two low-level cores for analysis of volatile organics in soil by EPA Method 5035/8260B. We no longer use sodium bisulfate as a preservative for soil samples collected for volatile organic analysis, so you were provided with sample kits that contain DI water as the preservation media.

At the time we provided you with the sample container information, were still accepting samples collected with EnCore® sampling devices and preserving these samples upon arrival at the laboratory with the sodium bisulfate preservative. We had noticed for quite some time that we were experiencing several problems with the instruments on which soil samples were run. After speaking to several vendors, other laboratories, and GC-MS maintenance technicians, we concluded that the cause of our problems was the sodium bisulfate preservative because it was causing "active sites" in the transfer lines of the instruments.

As a result, we decided to start using the TerraCore® sample kit, which comes with two of the pre-tared containers having DI water as the preservative (the third is contains methanol as stated in the QAPP). These sample kits were provided to you for this project because we no longer stock the EnCore® sampling devices, which require preservation with sodium bisulfate within 48 hours of sample collection. The TerraCore® kit meets all sampling and analysis requirements in accordance with EPA Methods 50305/8260.

If you have any questions, please call.

Respectfully submitted,

Tracy Warden
Project Manager

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Legend

Definitions of Laboratory Terms

BDL - Below Detection Limit
ND - None Detected
TIC - Tentatively Identified Compound
CFU - Colony Forming Units
SOP - Method run per ASI Standard Operating Procedure

Definitions of QC Terms

BLK - Blank
DL - Dilutions
RR - Reanalyzed
RE - Re-extracted or Re-Digested and Reanalyzed
DD - Dissolved and Digested

Definitions of Qualifiers

B - Found in Laboratory Blank
J - Estimated value; value may not be accurate
The J Qualifier may be used alone or along with the following identifiers:
1. Surrogate recovery failed to meet estabished criteria
2. Sample result above the MDL but below the reporting limit
3. The reported value failed to meet the established quality control criteria for either precision or accuracy

M - Estimated value: A matrix effect was determined to be present in the sample
H - Estimated value: Sample out of hold
U - Not Detected at the Level Reported
***** - Sample not preserved within method requirements

NOTE: Unless otherwise noted, all results are reported on an as received basis.

Analytical Services Inc., Norcross Laboratory maintains the following certifications, approvals, and accreditations:
Georgia (812); NELAC (E87315) scope: CWA, SDWA, RCRA expires June 30, 2006; Arkansas; California (01160CA); Connecticut (PH-0250); Florida (E87315); Kansas (E-10334); Kentucky (90126); Louisiana (02069); New Jersey (GA001); New York (11762); North Carolina (381); Oklahoma (9907); South Carolina (98011); Tennessee (02994); USDA Soil Import License (S-36027). For more information visit our web site at: asi-lab.com

ASI

ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-1**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-9-04-06, 04/27/2006, 10:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	13.8	0.04	%	SOP Moisture		1					
Volatile Organics											
Acetone	ND	130	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Acrolein	ND	66	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Acrylonitrile	ND	66	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Benzene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Bromobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Bromochloromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Bromodichloromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Bromoform	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Bromomethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
2-Butanone	ND	130	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
n-Butylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
sec-Butylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
tert-Butylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Carbon disulfide	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Carbon tetrachloride	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Chlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Chloroethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Chloroform	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Chloromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
2-Chlorotoluene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
4-Chlorotoluene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
2-Chloroethylvinyl ether	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Dibromochloromethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2-Dibromo-3-chloropropane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2-Dibromoethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Dibromomethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2-Dichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,3-Dichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,4-Dichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Dichlorodifluoromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-9-04-06, 04/27/2006, 10:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2-Dichloroethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1-Dichloroethene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
cis-1,2-Dichloroethene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
trans-1,2-Dichloroethene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2-Dichloropropane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,3-Dichloropropane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
2,2-Dichloropropane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,1-Dichloropropene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
cis-1,3-Dichloropropene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
trans-1,3-Dichloropropene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Ethylbenzene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Hexachlorobutadiene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
2-Hexanone	ND	66	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Isopropylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
sopropyltoluene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Methylene chloride	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
4-Methyl-2-pentanone	ND	66	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Naphthalene	2.4	13	ug/kg	EPA 8260B	J2	1			5/1/06	1301	SMW
n-Propylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Styrene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,1,1,2-Tetrachloroethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Tetrachloroethene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Toluene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2,3-Trichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2,4-Trichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,1,1-Trichloroethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,1,2-Trichloroethane	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Trichloroethene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Trichlorofluoromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2,3-Trichloropropane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,2,4-Trimethylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
1,3,5-Trimethylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Vinyl acetate	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Vinyl chloride	ND	13	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
m+p-Xylene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
o-Xylene	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW
Xylenes (total)	ND	6.6	ug/kg	EPA 8260B		1			5/1/06	1301	SMW

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ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-2**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-9-04-06, 04/27/2006, 10:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	7.05	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	1.4	3.2	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1750	FBS
Total Barium (Ba)	16	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1750	FBS
Total Cadmium (Cd)	0.08	1.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1750	FBS
Total Chromium (Cr)	5.6	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1750	FBS
Total Lead (Pb)	18	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1750	FBS
Total Mercury (Hg)	ND	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1513	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1750	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1750	FBS

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Laboratory Report

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Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-3**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-6-04-06, 04/27/2006, 10:25, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	6.48	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	110	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Acrolein	ND	57	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Acrylonitrile	ND	57	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Benzene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Bromobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Bromochloromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Bromodichloromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Bromoform	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Bromomethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
2-Butanone	ND	110	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
n-Butylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
sec-Butylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
tert-Butylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Carbon disulfide	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Carbon tetrachloride	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Chlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Chloroethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Chloroform	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Chloromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
2-Chlorotoluene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
4-Chlorotoluene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
2-Chloroethylvinyl ether	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Dibromochloromethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2-Dibromo-3-chloropropane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2-Dibromoethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Dibromomethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2-Dichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,3-Dichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,4-Dichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Dichlorodifluoromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-6-04-06, 04/27/2006, 10:25, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2-Dichloroethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,1-Dichloroethene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
cis-1,2-Dichloroethene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
trans-1,2-Dichloroethene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2-Dichloropropane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,3-Dichloropropane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
2,2-Dichloropropane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,1-Dichloropropene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
cis-1,3-Dichloropropene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
trans-1,3-Dichloropropene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Ethylbenzene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Hexachlorobutadiene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
2-Hexanone	ND	57	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Isopropylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Isopropyltoluene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Methylene chloride	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
4-Methyl-2-pentanone	ND	57	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Naphthalene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
n-Propylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Styrene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,1,1,2-Tetrachloroethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Tetrachloroethene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Toluene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2,3-Trichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2,4-Trichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,1,1-Trichloroethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,1,2-Trichloroethane	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Trichloroethene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Trichlorofluoromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2,3-Trichloropropane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,2,4-Trimethylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
1,3,5-Trimethylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Vinyl acetate	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Vinyl chloride	ND	11	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
m+p-Xylene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
o-Xylene	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW
Xylenes (total)	ND	5.7	ug/kg	EPA 8260B		1			5/1/06	1342	SMW

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
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Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-4**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-6-04-06, 04/27/2006, 10:25, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	4.76	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	1.7	3.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1754	FBS
Total Barium (Ba)	31	1.0	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1754	FBS
Total Cadmium (Cd)	0.40	1.0	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1754	FBS
Total Chromium (Cr)	6.8	1.0	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1754	FBS
Total Lead (Pb)	45	2.6	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1754	FBS
Total Mercury (Hg)	ND	0.21	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1515	MCJ
Total Selenium (Se)	ND	4.2	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1754	FBS
Total Silver (Ag)	ND	1.0	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1754	FBS

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-5**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-8-04-06, 04/27/2006, 11:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	8.30	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	160	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Acrolein	ND	81	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Acrylonitrile	ND	81	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Benzene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Bromobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Bromochloromethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Bromodichloromethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Bromoform	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Bromomethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
2-Butanone	ND	160	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
n-Butylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
sec-Butylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
tert-Butylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Carbon disulfide	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Carbon tetrachloride	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Chlorobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Chloroethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Chloroform	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Chloromethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
2-Chlorotoluene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
4-Chlorotoluene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
2-Chloroethylvinyl ether	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Dibromochloromethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2-Dibromo-3-chloropropane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2-Dibromoethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Dibromomethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2-Dichlorobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,3-Dichlorobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,4-Dichlorobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Dichlorodifluoromethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-8-04-06, 04/27/2006, 11:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2-Dichloroethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
,1-Dichloroethene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
cis-1,2-Dichloroethene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
trans-1,2-Dichloroethene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2-Dichloropropane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,3-Dichloropropane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
2,2-Dichloropropane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,1-Dichloropropene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
cis-1,3-Dichloropropene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
trans-1,3-Dichloropropene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Ethylbenzene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Hexachlorobutadiene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
2-Hexanone	ND	81	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Isopropylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Isopropyltoluene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Methylene chloride	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
4-Methyl-2-pentanone	ND	81	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Naphthalene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
n-Propylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Styrene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,1,1,2-Tetrachloroethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,1,2,2-Tetrachloroethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Tetrachloroethene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Toluene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2,3-Trichlorobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2,4-Trichlorobenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,1,1-Trichloroethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,1,2-Trichloroethane	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Trichloroethene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Trichlorofluoromethane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2,3-Trichloropropane	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,2,4-Trimethylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
1,3,5-Trimethylbenzene	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Vinyl acetate	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Vinyl chloride	ND	16	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
m+p-Xylene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
o-Xylene	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW
Xylenes (total)	ND	8.1	ug/kg	EPA 8260B		1			5/1/06	1423	SMW

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ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-6**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-8-04-06, 04/27/2006, 11:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	7.87	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	ND	3.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1759	FBS
Total Barium (Ba)	13	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1759	FBS
Total Cadmium (Cd)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1759	FBS
Total Chromium (Cr)	0.81	1.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1759	FBS
Total Lead (Pb)	27	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1759	FBS
Total Mercury (Hg)	ND	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1517	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1759	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1759	FBS

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-7**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-11-04-06, 04/27/2006, 11:20, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	5.78	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	120	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Acrolein	ND	62	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Acrylonitrile	ND	62	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Benzene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Bromobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Bromochloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Bromodichloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Bromoform	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Bromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
2-Butanone	ND	120	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
n-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
sec-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
tert-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Carbon disulfide	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Carbon tetrachloride	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Chlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Chloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Chloroform	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Chloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
2-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
4-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
2-Chloroethylvinyl ether	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Dibromochloromethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2-Dibromo-3-chloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2-Dibromoethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Dibromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,3-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,4-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Dichlorodifluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-11-04-06, 04/27/2006, 11:20, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2-Dichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,1-Dichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
cis-1,2-Dichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
trans-1,2-Dichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2-Dichloropropane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,3-Dichloropropane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
2,2-Dichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,1-Dichloropropene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
cis-1,3-Dichloropropene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
trans-1,3-Dichloropropene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Ethylbenzene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Hexachlorobutadiene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
2-Hexanone	ND	62	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Isopropylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Isopropyltoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Methylene chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
4-Methyl-2-pentanone	ND	62	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Naphthalene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
n-Propylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Styrene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,1,1,2-Tetrachloroethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Tetrachloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Toluene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2,3-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2,4-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,1,1-Trichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,1,2-Trichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Trichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Trichlorofluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2,3-Trichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,2,4-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
1,3,5-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Vinyl acetate	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Vinyl chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
m+p-Xylene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
o-Xylene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW
Xylenes (total)	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1708	SMW

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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-8**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-11-04-06, 04/27/2006, 11:20, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	6.57	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	1.2	3.2	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1803	FBS
Total Barium (Ba)	13	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1803	FBS
Total Cadmium (Cd)	0.38	1.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1803	FBS
Total Chromium (Cr)	3.9	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1803	FBS
Total Lead (Pb)	27	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1803	FBS
Total Mercury (Hg)	ND	0.21	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1519	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1803	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1803	FBS

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-9**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-10-04-06, 04/27/2006, 11:40, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	7.08	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	120	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Acrolein	ND	62	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Acrylonitrile	ND	62	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Benzene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Bromobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Bromochloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Bromodichloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Bromoform	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Bromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
2-Butanone	ND	120	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
n-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
sec-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
tert-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Carbon disulfide	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Carbon tetrachloride	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Chlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Chloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Chloroform	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Chloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
2-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
4-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
2-Chloroethylvinyl ether	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Dibromochloromethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2-Dibromo-3-chloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2-Dibromoethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Dibromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,3-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,4-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Dichlorodifluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-10-04-06, 04/27/2006, 11:40, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2-Dichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
,1-Dichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
cis-1,2-Dichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
trans-1,2-Dichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2-Dichloropropane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,3-Dichloropropane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
2,2-Dichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,1-Dichloropropene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
cis-1,3-Dichloropropene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
trans-1,3-Dichloropropene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Ethylbenzene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Hexachlorobutadiene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
2-Hexanone	ND	62	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Isopropylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
isopropyltoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Methylene chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
4-Methyl-2-pentanone	ND	62	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Naphthalene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
n-Propylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Styrene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,1,1,2-Tetrachloroethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Tetrachloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Toluene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2,3-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2,4-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,1,1-Trichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,1,2-Trichloroethane	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Trichloroethene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Trichlorofluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2,3-Trichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,2,4-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
1,3,5-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Vinyl acetate	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Vinyl chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
m+p-Xylene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
o-Xylene	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW
Xylenes (total)	ND	6.2	ug/kg	EPA 8260B		1			5/1/06	1749	SMW

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ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-10**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-10-04-06, 04/27/2006, 11:40, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	7.12	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	1.1	3.2	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1807	FBS
Total Barium (Ba)	21	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1807	FBS
Total Cadmium (Cd)	0.49	1.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1807	FBS
Total Chromium (Cr)	4.5	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1807	FBS
Total Lead (Pb)	68	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1807	FBS
Total Mercury (Hg)	ND	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1521	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1807	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1807	FBS

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-11**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-13-04-06, 04/27/2006, 11:50, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	10.8	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	120	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Acrolein	ND	59	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Acrylonitrile	ND	59	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Benzene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Bromobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Bromochloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Bromodichloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Bromoform	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Bromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
2-Butanone	ND	120	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
n-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
sec-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
tert-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Carbon disulfide	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Carbon tetrachloride	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Chlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Chloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Chloroform	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Chloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
2-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
4-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
2-Chloroethylvinyl ether	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Dibromochloromethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2-Dibromo-3-chloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2-Dibromoethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Dibromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,3-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,4-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Dichlorodifluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-13-04-06, 04/27/2006, 11:50, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2-Dichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
,1-Dichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
cis-1,2-Dichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
trans-1,2-Dichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
,2-Dichloropropane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
,3-Dichloropropane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
2,2-Dichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
,1-Dichloropropene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
is-1,3-Dichloropropene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
trans-1,3-Dichloropropene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Ethylbenzene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Hexachlorobutadiene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
2-Hexanone	ND	59	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Isopropylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
sopropyltoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Methylene chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
4-Methyl-2-pentanone	ND	59	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Naphthalene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
n-Propylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Styrene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,1,1,2-Tetrachloroethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Tetrachloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Toluene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2,3-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2,4-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,1,1-Trichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,1,2-Trichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Trichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Trichlorofluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2,3-Trichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,2,4-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
1,3,5-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Vinyl acetate	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Vinyl chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
m+p-Xylene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
o-Xylene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW
Xylenes (total)	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	1830	SMW

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Laboratory Report

ɔrdan Jones & Goulding - Columbus
945 Broadway
Suite 222
:olumbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-12**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-13-04-06, 04/27/2006, 11:50, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	7.56	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	1.3	3.2	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1812	FBS
Total Barium (Ba)	23	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1812	FBS
Total Cadmium (Cd)	0.52	1.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1812	FBS
Total Chromium (Cr)	4.8	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1812	FBS
Total Lead (Pb)	68	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1812	FBS
Total Mercury (Hg)	ND	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1527	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1812	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1812	FBS

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Laboratory Report

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45 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-13**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-7-04-06, 04/27/2006, 12:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	7.63	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	28	100	ug/kg	EPA 8260B	J2	1			5/1/06	1911	SMW
Acrolein	ND	50	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Acrylonitrile	ND	50	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Benzene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Bromobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Bromochloromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Bromodichloromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Bromoform	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Bromomethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
2-Butanone	ND	100	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
n-Butylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
sec-Butylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
tert-Butylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Carbon disulfide	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Carbon tetrachloride	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Chlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Chloroethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Chloroform	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Chloromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
2-Chlorotoluene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
4-Chlorotoluene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
2-Chloroethylvinyl ether	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Dibromochloromethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2-Dibromo-3-chloropropane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2-Dibromoethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Dibromomethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2-Dichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,3-Dichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,4-Dichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Dichlorodifluoromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-7-04-06, 04/27/2006, 12:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
,2-Dichloroethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
,1-Dichloroethene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
cis-1,2-Dichloroethene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
trans-1,2-Dichloroethene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
,2-Dichloropropane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
,3-Dichloropropane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
2,2-Dichloropropane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
,1-Dichloropropene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
is-1,3-Dichloropropene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
trans-1,3-Dichloropropene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Ethylbenzene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Hexachlorobutadiene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
2-Hexanone	ND	50	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Isopropylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
sopropyltoluene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Methylene chloride	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
4-Methyl-2-pentanone	ND	50	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Naphthalene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
n-Propylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Styrene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,1,1,2-Tetrachloroethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Tetrachloroethene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Toluene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2,3-Trichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2,4-Trichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,1,1-Trichloroethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,1,2-Trichloroethane	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Trichloroethene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Trichlorofluoromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2,3-Trichloropropane	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,2,4-Trimethylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
1,3,5-Trimethylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Vinyl acetate	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Vinyl chloride	ND	10	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
m+p-Xylene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
o-Xylene	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW
Xylenes (total)	ND	5.0	ug/kg	EPA 8260B		1			5/1/06	1911	SMW

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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-14**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-7-04-06, 04/27/2006, 12:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	6.82	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	0.93	3.2	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1816	FBS
Total Barium (Ba)	15	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1816	FBS
Total Cadmium (Cd)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1816	FBS
Total Chromium (Cr)	3.6	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1816	FBS
Total Lead (Pb)	13	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1816	FBS
Total Mercury (Hg)	ND	0.21	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1529	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1816	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1816	FBS

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Laboratory Report

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945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-15**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	8.74	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	150	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Acrolein	ND	74	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Acrylonitrile	ND	74	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Benzene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Bromobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Bromochloromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Bromodichloromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Bromoform	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Bromomethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
2-Butanone	ND	150	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
n-Butylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
sec-Butylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
tert-Butylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Carbon disulfide	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Carbon tetrachloride	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Chlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Chloroethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Chloroform	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Chloromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
2-Chlorotoluene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
4-Chlorotoluene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
2-Chloroethylvinyl ether	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Dibromochloromethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2-Dibromo-3-chloropropane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2-Dibromoethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Dibromomethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2-Dichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,3-Dichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,4-Dichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Dichlorodifluoromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2-Dichloroethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,1-Dichloroethene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
cis-1,2-Dichloroethene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
trans-1,2-Dichloroethene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2-Dichloropropane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,3-Dichloropropane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
2,2-Dichloropropane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,1-Dichloropropene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
cis-1,3-Dichloropropene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
trans-1,3-Dichloropropene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Ethylbenzene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Hexachlorobutadiene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
2-Hexanone	ND	74	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Isopropylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Isopropyltoluene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Methylene chloride	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
4-Methyl-2-pentanone	ND	74	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Naphthalene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
n-Propylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Styrene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,1,1,2-Tetrachloroethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,1,2,2-Tetrachloroethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Tetrachloroethene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Toluene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2,3-Trichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2,4-Trichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,1,1-Trichloroethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,1,2-Trichloroethane	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Trichloroethene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Trichlorofluoromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2,3-Trichloropropane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,2,4-Trimethylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
1,3,5-Trimethylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Vinyl acetate	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Vinyl chloride	ND	15	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
m+p-Xylene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
o-Xylene	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW
Xylenes (total)	ND	7.4	ug/kg	EPA 8260B		1			5/1/06	1504	SMW

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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-16**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	9.17	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Metals											
Total Arsenic (As)	2.8	3.3	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1637	FBS
Total Barium (Ba)	29	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1637	FBS
Total Cadmium (Cd)	0.07	1.1	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1637	FBS
Total Chromium (Cr)	11	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1637	FBS
Total Lead (Pb)	42	2.8	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1637	FBS
Total Mercury (Hg)	ND	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1531	MCJ
Total Selenium (Se)	ND	4.4	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1637	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1637	FBS

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Laboratory Report

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Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-17**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-MS-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	8.74	0.04	%	SOP Moisture		1					
Volatile Organics											
Acetone	ND	110	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Acrolein	ND	56	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Acrylonitrile	ND	56	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Benzene	55	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Bromobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Bromochloromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Bromodichloromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Bromoform	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Bromomethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
2-Butanone	ND	110	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
n-Butylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
sec-Butylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
tert-Butylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Carbon disulfide	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Carbon tetrachloride	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Chlorobenzene	37	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Chloroethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Chloroform	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Chloromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
2-Chlorotoluene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
4-Chlorotoluene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
2-Chloroethylvinyl ether	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Dibromochloromethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2-Dibromo-3-chloropropane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2-Dibromoethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Dibromomethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2-Dichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,3-Dichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,4-Dichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Dichlorodifluoromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-MS-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2-Dichloroethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,1-Dichloroethene	51	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
cis-1,2-Dichloroethene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
trans-1,2-Dichloroethene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2-Dichloropropane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,3-Dichloropropane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
2,2-Dichloropropane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,1-Dichloropropene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
cis-1,3-Dichloropropene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
trans-1,3-Dichloropropene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Ethylbenzene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Hexachlorobutadiene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
2-Hexanone	ND	56	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Isopropylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Isopropyltoluene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Methylene chloride	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
4-Methyl-2-pentanone	ND	56	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Naphthalene	2.4	11	ug/kg	EPA 8260B	J2	1			5/1/06	1546	SMW
n-Propylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Styrene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,1,1,2-Tetrachloroethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Tetrachloroethene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Toluene	47	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2,3-Trichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2,4-Trichlorobenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,1,1-Trichloroethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,1,2-Trichloroethane	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Trichloroethene	50	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Trichlorofluoromethane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2,3-Trichloropropane	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,2,4-Trimethylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
1,3,5-Trimethylbenzene	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Vinyl acetate	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Vinyl chloride	ND	11	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
m+p-Xylene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
o-Xylene	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW
Xylenes (total)	ND	5.6	ug/kg	EPA 8260B		1			5/1/06	1546	SMW

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Laboratory Report

ordan Jones & Goulding - Columbus
J45 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-18**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-MS-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	9.17	0.04	%	SOP Moisture		1					
Metals											
Total Arsenic (As)	91	3.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Barium (Ba)	120	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Cadmium (Cd)	99	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Chromium (Cr)	100	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Lead (Pb)	110	2.8	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Mercury (Hg)	0.23	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1533	MCJ
Total Selenium (Se)	90	4.4	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Silver (Ag)	94	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-19**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-MSD-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	8.74	0.04	%	SOP Moisture		1					
Volatile Organics											
Acetone	ND	150	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Acrolein	ND	73	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Acrylonitrile	ND	73	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Benzene	72	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Bromobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Bromochloromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Bromodichloromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Bromoform	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Bromomethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
2-Butanone	ND	150	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
n-Butylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
sec-Butylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
tert-Butylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Carbon disulfide	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Carbon tetrachloride	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Chlorobenzene	51	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Chloroethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Chloroform	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Chloromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
2-Chlorotoluene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
4-Chlorotoluene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
2-Chloroethylvinyl ether	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Dibromochloromethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2-Dibromo-3-chloropropane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2-Dibromoethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Dibromomethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2-Dichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,3-Dichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,4-Dichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Dichlorodifluoromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-MSD-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
',2-Dichloroethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
,1-Dichloroethene	67	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
cis-1,2-Dichloroethene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
trans-1,2-Dichloroethene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
,2-Dichloropropane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
ı,3-Dichloropropane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
2,2-Dichloropropane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
ı,1-Dichloropropene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
:is-1,3-Dichloropropene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
trans-1,3-Dichloropropene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Ethylbenzene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Hexachlorobutadiene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
2-Hexanone	ND	73	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
'sopropylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
sopropyltoluene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Methylene chloride	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
4-Methyl-2-pentanone	ND	73	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Naphthalene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
n-Propylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Styrene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,1,1,2-Tetrachloroethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,1,2,2-Tetrachloroethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Tetrachloroethene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Toluene	64	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2,3-Trichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2,4-Trichlorobenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,1,1-Trichloroethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,1,2-Trichloroethane	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Trichloroethene	66	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Trichlorofluoromethane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2,3-Trichloropropane	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,2,4-Trimethylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
1,3,5-Trimethylbenzene	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Vinyl acetate	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Vinyl chloride	ND	15	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
m+p-Xylene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
o-Xylene	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW
Xylenes (total)	ND	7.3	ug/kg	EPA 8260B		1			5/1/06	1627	SMW

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Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-20**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-3-MSD-04-06, 04/27/2006, 12:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	9.17	0.04	%	SOP Moisture		1					
Metals											
Total Arsenic (As)	89	3.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Barium (Ba)	120	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Cadmium (Cd)	97	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Chromium (Cr)	100	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Lead (Pb)	110	2.8	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Mercury (Hg)	0.24	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1535	MCJ
Total Selenium (Se)	88	4.4	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS
Total Silver (Ag)	93	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06		FBS

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Laboratory Report

ɔrdan Jones & Goulding - Columbus
945 Broadway
ʿuite 222
:olumbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-21**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-5-04-06, 04/27/2006, 13:30, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	13.1	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	130	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Acrolein	ND	63	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Acrylonitrile	ND	63	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Benzene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Bromobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Bromochloromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Bromodichloromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Bromoform	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Bromomethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
2-Butanone	ND	130	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
n-Butylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
sec-Butylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
tert-Butylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Carbon disulfide	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Carbon tetrachloride	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Chlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Chloroethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Chloroform	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Chloromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
2-Chlorotoluene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
4-Chlorotoluene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
2-Chloroethylvinyl ether	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Dibromochloromethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2-Dibromo-3-chloropropane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2-Dibromoethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Dibromomethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2-Dichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,3-Dichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,4-Dichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Dichlorodifluoromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-5-04-06, 04/27/2006, 13:30, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
,2-Dichloroethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
,1-Dichloroethene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
cis-1,2-Dichloroethene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
‘ans-1,2-Dichloroethene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
,2-Dichloropropane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,3-Dichloropropane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
2,2-Dichloropropane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
,1-Dichloropropene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
cis-1,3-Dichloropropene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
trans-1,3-Dichloropropene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Ethylbenzene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Hexachlorobutadiene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
2-Hexanone	ND	63	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Isopropylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Isopropyltoluene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Methylene chloride	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
4-Methyl-2-pentanone	ND	63	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Naphthalene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
n-Propylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Styrene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,1,1,2-Tetrachloroethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Tetrachloroethene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Toluene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2,3-Trichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2,4-Trichlorobenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,1,1-Trichloroethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,1,2-Trichloroethane	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Trichloroethene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Trichlorofluoromethane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2,3-Trichloropropane	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,2,4-Trimethylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
1,3,5-Trimethylbenzene	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Vinyl acetate	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Vinyl chloride	ND	13	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
m+p-Xylene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
o-Xylene	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW
Xylenes (total)	ND	6.3	ug/kg	EPA 8260B		1			5/1/06	1952	SMW

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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-22**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-5-04-06, 04/27/2006, 13:30, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	13.8	0.04	%	SOP Moisture		1			5/1/06	1530	FDS
Metals											
Total Arsenic (As)	1.3	3.5	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1821	FBS
Total Barium (Ba)	24	1.2	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1821	FBS
Total Cadmium (Cd)	ND	1.2	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1821	FBS
Total Chromium (Cr)	8.1	1.2	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1821	FBS
Total Lead (Pb)	14	2.9	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1821	FBS
Total Mercury (Hg)	ND	0.23	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1537	MCJ
Total Selenium (Se)	ND	4.6	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1821	FBS
Total Silver (Ag)	ND	1.2	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1821	FBS

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ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-23**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-4-04-06, 04/27/2006, 13:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	5.74	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	100	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Acrolein	ND	52	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Acrylonitrile	ND	52	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Benzene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Bromobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Bromochloromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Bromodichloromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Bromoform	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Bromomethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
2-Butanone	ND	100	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
n-Butylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
sec-Butylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
tert-Butylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Carbon disulfide	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Carbon tetrachloride	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Chlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Chloroethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Chloroform	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Chloromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
2-Chlorotoluene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
4-Chlorotoluene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
2-Chloroethylvinyl ether	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Dibromochloromethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2-Dibromo-3-chloropropane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2-Dibromoethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Dibromomethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2-Dichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,3-Dichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,4-Dichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Dichlorodifluoromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-4-04-06, 04/27/2006, 13:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2-Dichloroethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,1-Dichloroethene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
cis-1,2-Dichloroethene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
trans-1,2-Dichloroethene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2-Dichloropropane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,3-Dichloropropane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
2,2-Dichloropropane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,1-Dichloropropene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
cis-1,3-Dichloropropene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
trans-1,3-Dichloropropene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Ethylbenzene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Hexachlorobutadiene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
2-Hexanone	ND	52	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Isopropylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Isopropyltoluene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Methylene chloride	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
4-Methyl-2-pentanone	ND	52	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Naphthalene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
n-Propylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Styrene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,1,1,2-Tetrachloroethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Tetrachloroethene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Toluene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2,3-Trichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2,4-Trichlorobenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,1,1-Trichloroethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,1,2-Trichloroethane	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Trichloroethene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Trichlorofluoromethane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2,3-Trichloropropane	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,2,4-Trimethylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
1,3,5-Trimethylbenzene	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Vinyl acetate	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Vinyl chloride	ND	10	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
m+p-Xylene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
o-Xylene	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW
Xylenes (total)	ND	5.2	ug/kg	EPA 8260B		1			5/1/06	2034	SMW

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Laboratory Report

ordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-24**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-4-04-06, 04/27/2006, 13:45, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	6.07	0.04	%	SOP Moisture		1			5/1/06	1530	FDS
Metals											
Total Arsenic (As)	1.0	3.2	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1825	FBS
Total Barium (Ba)	14	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1825	FBS
Total Cadmium (Cd)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1825	FBS
Total Chromium (Cr)	4.8	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1825	FBS
Total Lead (Pb)	6.7	2.7	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1825	FBS
Total Mercury (Hg)	ND	0.21	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1539	MCJ
Total Selenium (Se)	ND	4.3	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1825	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1825	FBS

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Laboratory Report

ɔrdan Jones & Goulding - Columbus
945 Broadway
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:olumbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-25**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-2-04-06, 04/27/2006, 14:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	12.2	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	120	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Acrolein	ND	60	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Acrylonitrile	ND	60	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Benzene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Bromobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Bromochloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Bromodichloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Bromoform	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Bromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
2-Butanone	ND	120	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
n-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
sec-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
tert-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Carbon disulfide	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Carbon tetrachloride	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Chlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Chloroethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Chloroform	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Chloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
2-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
4-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
2-Chloroethylvinyl ether	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Dibromochloromethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2-Dibromo-3-chloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2-Dibromoethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Dibromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,3-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,4-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Dichlorodifluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-2-04-06, 04/27/2006, 14:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
,2-Dichloroethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
,1-Dichloroethene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
cis-1,2-Dichloroethene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
·ans-1,2-Dichloroethene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
,2-Dichloropropane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,3-Dichloropropane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
2,2-Dichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
,1-Dichloropropene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
cis-1,3-Dichloropropene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
trans-1,3-Dichloropropene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Ethylbenzene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Hexachlorobutadiene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
2-Hexanone	ND	60	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
sopropylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
sopropyltoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Methylene chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
4-Methyl-2-pentanone	ND	60	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Naphthalene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
n-Propylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Styrene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,1,1,2-Tetrachloroethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Tetrachloroethene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Toluene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2,3-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2,4-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,1,1-Trichloroethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,1,2-Trichloroethane	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Trichloroethene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Trichlorofluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2,3-Trichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,2,4-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
1,3,5-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Vinyl acetate	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Vinyl chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
m+p-Xylene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
o-Xylene	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW
Xylenes (total)	ND	6.0	ug/kg	EPA 8260B		1			5/1/06	2115	SMW

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Laboratory Report

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Attention: Ms. Sherri Clark

Report No. **227779-26**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-2-04-06, 04/27/2006, 14:00, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	9.78	0.04	%	SOP Moisture		1			5/1/06	1530	FDS
Metals											
Total Arsenic (As)	1.9	3.3	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1829	FBS
Total Barium (Ba)	57	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1829	FBS
Total Cadmium (Cd)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1829	FBS
Total Chromium (Cr)	8.1	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1829	FBS
Total Lead (Pb)	15	2.8	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1829	FBS
Total Mercury (Hg)	ND	0.22	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1541	MCJ
Total Selenium (Se)	ND	4.4	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1829	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1829	FBS

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Laboratory Report

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Attention: Ms. Sherri Clark

Report No. **227779-27**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-1-04-06, 04/27/2006, 14:15, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	9.24	0.04	%	SOP Moisture		1			5/1/06	1430	FDS
Volatile Organics											
Acetone	ND	120	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Acrolein	ND	59	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Acrylonitrile	ND	59	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Benzene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Bromobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Bromochloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Bromodichloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Bromoform	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Bromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
2-Butanone	ND	120	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
n-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
sec-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
tert-Butylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Carbon disulfide	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Carbon tetrachloride	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Chlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Chloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Chloroform	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Chloromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
2-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
4-Chlorotoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
2-Chloroethylvinyl ether	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Dibromochloromethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2-Dibromo-3-chloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2-Dibromoethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Dibromomethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,3-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,4-Dichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Dichlorodifluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-1-04-06, 04/27/2006, 14:15, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
1,1-Dichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2-Dichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,1-Dichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
cis-1,2-Dichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
trans-1,2-Dichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2-Dichloropropane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,3-Dichloropropane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
2,2-Dichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,1-Dichloropropene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
cis-1,3-Dichloropropene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
trans-1,3-Dichloropropene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Ethylbenzene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Hexachlorobutadiene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
2-Hexanone	ND	59	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Isopropylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Isopropyltoluene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Methylene chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
4-Methyl-2-pentanone	ND	59	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Naphthalene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
n-Propylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Styrene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,1,1,2-Tetrachloroethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Tetrachloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Toluene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2,3-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2,4-Trichlorobenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,1,1-Trichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,1,2-Trichloroethane	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Trichloroethene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Trichlorofluoromethane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2,3-Trichloropropane	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,2,4-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
1,3,5-Trimethylbenzene	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Vinyl acetate	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Vinyl chloride	ND	12	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
m+p-Xylene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
o-Xylene	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW
Xylenes (total)	ND	5.9	ug/kg	EPA 8260B		1			5/1/06	2156	SMW

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ANALYTICAL SERVICES, INC.
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Iordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-28**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-1-04-06, 04/27/2006, 14:15, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	12.7	0.04	%	SOP Moisture		1			5/1/06	1530	FDS
Metals											
Total Arsenic (As)	1.3	3.4	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1845	FBS
Total Barium (Ba)	16	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1845	FBS
Total Cadmium (Cd)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1845	FBS
Total Chromium (Cr)	6.5	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1845	FBS
Total Lead (Pb)	6.2	2.9	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1845	FBS
Total Mercury (Hg)	ND	0.23	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1543	MCJ
Total Selenium (Se)	ND	4.6	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1845	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1845	FBS

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
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Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-29**

Jordan Jones & Goulding - Columbus

Sample Description: Soil, Composite, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-SB-12-04-06, 04/27/2006, 14:35, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
General Chemistry											
Moisture	11.4	0.04	%	SOP Moisture		1			5/1/06	1530	FDS
Metals											
Total Arsenic (As)	1.4	3.4	mg/kg	EPA 6010B	J2	1	5/3/06	1300	5/3/06	1849	FBS
Total Barium (Ba)	20	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1849	FBS
Total Cadmium (Cd)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1849	FBS
Total Chromium (Cr)	7.3	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1849	FBS
Total Lead (Pb)	14	2.8	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1849	FBS
Total Mercury (Hg)	ND	0.23	mg/kg	EPA 7471A		1	5/3/06	1300	5/3/06	1545	MCJ
Total Selenium (Se)	ND	4.5	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1849	FBS
Total Silver (Ag)	ND	1.1	mg/kg	EPA 6010B		1	5/3/06	1300	5/3/06	1849	FBS

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Laboratory Report

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945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-30**

Jordan Jones & Goulding - Columbus

Sample Description: Water, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-TB-1-04-06, 04/27/2006, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
Volatile Organics											
Acetone	ND	100	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Acrolein	ND	50	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Acrylonitrile	ND	50	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Benzene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Bromobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Bromochloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Bromodichloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Bromoform	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Bromomethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
2-Butanone	ND	100	ug/L	EPA 8260B		1			5/1/06	1840	AJ
n-Butylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
sec-Butylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
tert-Butylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Carbon disulfide	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Carbon tetrachloride	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Chlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Chloroethane	ND	5	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Chloroform	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Chloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
2-Chlorotoluene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
4-Chlorotoluene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
2-Chloroethylvinyl ether	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Dibromochloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Dibromomethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,1-Dichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2-Dichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,1-Dichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ

Jordan Jones & Goulding - Columbus

Sample Description: Water, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-TB-1-04-06, 04/27/2006, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
cis-1,2-Dichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
rans-1,2-Dichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
,2-Dichloropropane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,3-Dichloropropane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
,1-Dichloropropene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
cis-1,3-Dichloropropene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
trans-1,3-Dichloropropene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Ethylbenzene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
2-Hexanone	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
sopropylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
sopropyltoluene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Methylene chloride	ND	5	ug/L	EPA 8260B		1			5/1/06	1840	AJ
4-Methyl-2-pentanone	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Naphthalene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
n-Propylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Styrene	ND	5	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,1,1,2-Tetrachloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,1,2,2-Tetrachloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Tetrachloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Toluene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,1,1-Trichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,1,2-Trichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Trichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Vinyl acetate	ND	10	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Vinyl chloride	ND	2	ug/L	EPA 8260B		1			5/1/06	1840	AJ
m+p-Xylene	ND	5	ug/L	EPA 8260B		1			5/1/06	1840	AJ
o-Xylene	ND	5	ug/L	EPA 8260B		1			5/1/06	1840	AJ
Xylenes (total)	ND	5	ug/L	EPA 8260B		1			5/1/06	1840	AJ

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Laboratory Report

Jordan Jones & Goulding - Columbus
945 Broadway
Suite 222
Columbus, GA 31901

Attention: Ms. Sherri Clark

Report No. **227779-31**

Jordan Jones & Goulding - Columbus

Sample Description: Water, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-TB-2-04-06, 04/27/2006, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
Volatile Organics											
Acetone	ND	100	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Acrolein	ND	50	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Acrylonitrile	ND	50	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Benzene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Bromobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Bromochloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Bromodichloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Bromoform	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Bromomethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
2-Butanone	ND	100	ug/L	EPA 8260B		1			5/1/06	1922	AJ
n-Butylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
sec-Butylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
tert-Butylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Carbon disulfide	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Carbon tetrachloride	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Chlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Chloroethane	ND	5	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Chloroform	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Chloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
2-Chlorotoluene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
4-Chlorotoluene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
2-Chloroethylvinyl ether	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Dibromochloromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2-Dibromo-3-chloropropane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2-Dibromoethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Dibromomethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,3-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,4-Dichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Dichlorodifluoromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1-Dichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2-Dichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1-Dichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ

Jordan Jones & Goulding - Columbus

Sample Description: Water, Grab, Ft. Benning/Cusseta Rd Site/GA, Project #02090.030.03, FBCR-TB-2-04-06, 04/27/2006, received 04/28/2006

Analyte	Result	Report. Limit	Units	Analytical Method	Qual.	Dil. Factor	Preparation Date	Preparation Time	Analytical Date	Analytical Time	Init.
cis-1,2-Dichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
rans-1,2-Dichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2-Dichloropropane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,3-Dichloropropane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
2,2-Dichloropropane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1-Dichloropropene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
cis-1,3-Dichloropropene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
trans-1,3-Dichloropropene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Ethylbenzene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Hexachlorobutadiene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
2-Hexanone	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
sopropylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
sopropyltoluene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Methylene chloride	ND	5	ug/L	EPA 8260B		1			5/1/06	1922	AJ
4-Methyl-2-pentanone	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Naphthalene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
n-Propylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Styrene	ND	5	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1,1,2-Tetrachloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1,2,2-Tetrachloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Tetrachloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Toluene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2,3-Trichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2,4-Trichlorobenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1,1-Trichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,1,2-Trichloroethane	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Trichloroethene	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Trichlorofluoromethane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2,3-Trichloropropane	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,2,4-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
1,3,5-Trimethylbenzene	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Vinyl acetate	ND	10	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Vinyl chloride	ND	2	ug/L	EPA 8260B		1			5/1/06	1922	AJ
m+p-Xylene	ND	5	ug/L	EPA 8260B		1			5/1/06	1922	AJ
o-Xylene	ND	5	ug/L	EPA 8260B		1			5/1/06	1922	AJ
Xylenes (total)	ND	5	ug/L	EPA 8260B		1			5/1/06	1922	AJ

93467

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

CLIENT NAME: JORDAN, JONES + GOULDING
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 945 BROADWAY, SUITE 222 COLUMBUS, GA 31901
REPORT TO: SHERRI CLARK
CC:
REQUESTED COMPLETION DATE: STANDARD
PO #:
PROJECT NAME/STATE: Ft. BENNING / CUSSETA ROAD SITE GA
PROJECT #: 02090.030.03

ANALYSIS REQUESTED

CONTAINER TYPE																	
PRESERVATION																	
# of CONTAINERS							VOC's 82608/5030	8 RCRA METALS 747.A 6010 B									
DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION												
4/27/06	2:00p	S	X	X	FBCR-SB-2-04-06	6	✓	✓								25/26	13
4/27/06	2:15p	S	X	X	FBCR-SB-1-04-06	6	✓	✓							KH 4/28/06	27/28	14
4/27/06	2:35p	S	X		FBCR-SB-12-04-06	2		✓								29	15

LAB ID NUMBER

CONTAINER TYPE
P - PLASTIC
A - AMBER GLASS
G - CLEAR GLASS
V - VOA VIAL
S - STERILE
O - OTHER

PRESERVATION
1 - HCl, 4°
2 - H2SO4, 4°
3 - HNO3, 4°
4 - NaOH, 4°
5 - NaOH/ZnAc, 4°
6 - Na2S2O3, 4°
7 - 4°

*MATRIX CODES:
DW - DRINKING WATER
WW - WASTEWATER
GW - GROUNDWATER
SW - SURFACE WATER
ST - STORM WATER
W - WATER
S - SOIL
SL - SLUDGE
SD - SOLID
A - AIR
L - LIQUID
P - PRODUCT

REMARKS/ADDITIONAL INFORMATION
VOC SAMPLE IS GRAB
METALS SAMPLE COMPOSITE

NEED ALL QA/QC DOCUMENTATION FOR EPA FUNDED PROJECT

2 trip blanks rec'd that aren't listed. (3 VOA vials each):
FBCR-TB-1-04-06 Sample #16 30
FBCR-TB-2-04-06 Sample #17.
Sampled on 4/27/06. KH

SAMPLED BY AND TITLE: [signature] DATE/TIME: 4/27/06 4:15p
RELINQUISHED BY: DATE/TIME:
RECEIVED BY: DATE/TIME:
RELINQUISHED BY: [signature] DATE/TIME: 4/28/06 9:15
RECEIVED BY LAB: [signature] DATE/TIME: 4/28/06 0910
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
pH: N/A Labeled Preserved
Ice: Yes or No
Temperature: 1°C
Custody Seal: Intact Broken Missing
Cooler # 3907

FOR LAB USE ONLY 4/28/06
LAB #: 227779
In-house location: V, 9, CC4
Entered Into LIMS: KH

Please use Black Ink to complete form.

73727

CHAIN OF CUSTODY RECORD

ASI

ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

CLIENT NAME: Jordan Jones + Goulding
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 945 Broadway, Suite 222 Columbus, GA 31901
REPORT TO: Sherri Clark
CC:
REQUESTED COMPLETION DATE: Standard
PO #:
PROJECT NAME/STATE: Ft. Benning / Cusseta Rd Site / GA
PROJECT #: 02090.030.03

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	VOCs 8260B/5030	8RCRA Metals 7471A 6010B	LAB ID NUMBER
4/27/06	10:00AM	S	X	X	FBCR-SB-9-04-06	6	✓	✓	1/2
4/27/06	10:25A	S	X	X	FBCR-SB-6-04-06	6	✓	✓	3/4
4/27/06	11:00A	S	X	X	FBCR-SB-8-04-06	6	✓	✓	5/6
4/27/06	11:20A	S	X	X	FBCR-SB-11-04-06	6	✓	✓	7/8
4/27/06	11:40A	S	X	X	FBCR-SB-10-04-06	6	✓	✓	9/10
4/27/06	11:50A	S	X	X	FBCR-SB-13-04-06	6	✓	✓	11/12
4/27/06	12:00P	S	X	X	FBCR-SB-7-04-06	6	✓	✓	13/14
4/27/06	12:45P	S	X	X	FBCR-SB-3-04-06	6	✓	✓	15/16
4/27/06	12:45P	S	X	X	FBCR-SB-3-MS-04-06	6	✓	✓	17/18
4/27/06	12:45P	S	X	X	FBCR-SB-3-MSD-04-06	6	✓	✓	19/20
4/27/06	1:30P	S	X	X	FBCR-SB-5-04-06	6	✓	✓	21/22
4/27/06	1:45P	S	X	X	FBCR-SB-4-04-06	6	✓	✓	23/24

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, 4°
A - AMBER GLASS	2 - H2SO4, 4°
G - CLEAR GLASS	3 - HNO3, 4°
V - VOA VIAL	4 - NaOH, 4°
S - STERILE	5 - NaOH/ZnAc, 4°
O - OTHER	6 - Na2S2O3, 4°
	7 - 4°

*MATRIX CODES:

DW -	DRINKING WATER	S -	SOIL
WW -	WASTEWATER	SL -	SLUDGE
GW -	GROUNDWATER	SD -	SOLID
SW -	SURFACE WATER	A -	AIR
ST -	STORM WATER	L -	LIQUID
W -	WATER	P -	PRODUCT

REMARKS/ADDITIONAL INFORMATION

* VOC sample is grab; metal is composite

Need all QA/QC data + documentation for EPA funded project

FH 4/28/06

SAMPLED BY AND TITLE:
DATE/TIME: 4/27/06 4:15p
RELINQUISHED BY:
DATE/TIME:
RECEIVED BY:
DATE/TIME:
RELINQUISHED BY:
DATE/TIME: 4/28/06 9:15
RECEIVED BY LAB:
DATE/TIME: 4/28/06 0910
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
pH: N/A Labeled Preserved Ice: Yes or No
Temperature: 10C
Custody Seal: Intact Broken Missing
Cooler #

FOR LAB USE ONLY
LAB #: 227779
In-house location: V, 9, CC4
Entered Into LIMS: KH

Please use Black Ink to complete form.

KH 4/28/06

% Moisture

Sample # 227779

Batch No. File Name:	128357	Test: Percent Moisture			Method: SOP Moisture		Analysed By: FDS	Analysis Date: 5/1/2006	
Tin	Scanned Sample Number	Sample No.	Tin Tare Wt.(g)	Sample Weight (g)	Final Weight (g)	TS Result (%)	100 - TS Result (%)	% Moisture Reported Results (%)	Detection Limit
1	**227779-1**	**JJ&G**	1.0652	5.8073	6.4060	91.9670	8.0330	8.03	0.04
2	**227779-2**	JJ&G	1.1052	5.7867	6.4840	92.9511	7.0489	7.05	0.04
3	**227779-3**	JJ&G	1.0861	5.8546	6.5611	93.5162	6.4838	6.48	0.04
4	**227779-4**	JJ&G	1.0699	5.8931	6.6822	95.2351	4.7649	4.76	0.04
5	227779-5	JJ&G	1.0825	5.8769	6.4717	91.7014	8.2986	8.30	0.04
6	227779-6	JJ&G	1.0739	6.0383	6.6372	92.1335	7.8665	7.87	0.04
7	227779-7	JJ&G	1.0626	6.1878	6.8927	94.2193	5.7807	5.78	0.04
8	227779-8	JJ&G	1.0700	6.0847	6.7548	93.4278	6.5722	6.57	0.04
9	227779-9	JJ&G	1.0680	5.9126	6.5622	92.9236	7.0764	7.08	0.04
10	227779-10	JJ&G	1.0671	6.0038	6.6436	92.8828	7.1172	7.12	0.04
11	227779-11	JJ&G	1.0713	5.8580	6.2953	89.1772	10.8228	10.8	0.04
12	227779-12	JJ&G	1.0821	5.8461	6.4863	92.4411	7.5589	7.56	0.04
13	227779-13	JJ&G	1.1003	5.7273	6.3908	92.3734	7.6266	7.63	0.04
14	227779-14	JJ&G	1.0674	5.8602	6.5280	93.1811	6.8189	6.82	0.04
15	15/17/19	JJ&G	1.0942	5.7039	6.2996	91.2604	8.7396	8.74	0.04
16	16/18/20	JJ&G	1.0826	6.1254	6.6462	90.8284	9.1716	9.17	0.04
[redacted]									
18	227779-25	JJ&G	1.0611	5.7881	6.1452	87.8371	12.1629	12.2	0.04
19	227779-23	JJ&G	1.0817	5.9636	6.7032	94.2635	5.7365	5.74	0.04
20	227779-23DU	JJ&G	1.0747	5.9685	6.7528	95.1345	4.8655	4.87	0.04
21	227779-21	JJ&G	1.0814	5.6705	6.0091	86.9006	13.0994	13.1	0.04
22	227779-27	JJ&G	1.0781	5.9205	6.4516	90.7609	9.2391	9.24	0.04

Percent Moisture Worksheet

Batch No.:	128357
Date:	5/1/2006
Time:	1430
Analyst:	FDS

Analysis Date: 5/1/2006

Analysed By: FDS

	Precisa XB 120A	OHAUS analytical Plus	Fisher XA 100
Balance Used:			
Initial Weighing:	Precisa XB 120A		
Final Weighing:	Precisa XB 120A		

Temperatures (103° Oven):	Temperature °C	Date :	Time:	Initials
Samples Going into oven:	103	5/1/2006	1500	FDS
Samples out for 1st Weight:	103	5/2/2006	1200	FDS

Analytical Services, Inc.

Balance Calibration Check

Analyst Freda Shaw
Date 5-1-06

Weight Set Description: Troemner Precision Weight Set #5756

Instrument ID: Precisa XB 120A

Class S Weight	Measured	Tolerance	Pass / Fail
10mg	0.0099	0.0099-0.0101	pass
20mg	0.0200	0.0199-0.0201	pass
50mg	0.0497	0.0495-0.0505	pass
100mg	0.0996	0.0990-0.1010	pass
200mg	0.1997	0.1990-0.2010	pass
500mg	0.4994	0.4900-0.5050	pass
1 gram	0.9994	0.9990-1.0010	pass
5 gram	5.0007	4.9990-5.0010	pass
10 gram	10.0001	9.9990-10.0010	pass
100 gram	99.9999	99.9900-100.0100	pass

Comments:

Analytical Services, Inc.

Balance Calibration Check

Analyst JS
Date 5.2.06

Weight Set Description: Troemner Precision Weight Set #5756

Instrument ID: Precisa XB 120A

Class S Weight	Measured	Tolerance	Pass / Fail
10mg	0.0099	0.0099-0.0101	pass
20mg		0.0199-0.0201	
50mg		0.0495-0.0505	
100mg		0.0990-0.1010	
200mg	0.1997	0.1990-0.2010	pass
500mg		0.4900-0.5050	
1 gram		0.9990-1.0010	
5 gram		4.9990-5.0010	
10 gram		9.9990-10.0010	
100 gram	100.0042	99.9900-100.0100	pass

Comments:

Batch No. File Name:	128408	Test: Percent Moisture			Method: SOP Moisture		Analysed By: FDS	Analysis Date: 5/1/2006
Tin	Scanned Sample Number	Sample No.	Tin Tare Wt.(g)	Sample Weight (g)	Final Weight (g)	TS Result (%)	100 - TS Result (%)	% Moisture Reported Results (%)	Detection Limit
1	**227779-24**	**JJ&G**	1.0681	5.7011	6.4229	93.9257	6.0743	6.07	0.04
2	**227779-26**	JJ&G	1.0681	5.9639	6.4489	90.2228	9.7772	9.78	0.04
3	**227779-28**	JJ&G	1.0781	5.7700	6.1137	87.2721	12.7279	12.7	0.04
4	**227779-29**	JJ&G	1.0550	5.6207	6.0377	88.6491	11.3509	11.4	0.04
5	227779-22	JJ&G	1.0734	5.9759	6.2220	86.1561	13.8439	13.8	0.04
6	227779-20	JJ&G	1.0608	5.7190	6.2164	90.1486	9.8514	9.85	0.04
7	227779-20DU	JJ&G	1.0880	5.6897	6.2175	90.1541	9.8459	9.85	0.04

[redacted]

Percent Moisture Worksheet

Batch No.:	128408
Date:	5/1/2006
Time:	1530
Analyst:	FDS

Analysis Date: 5/1/2006

Analysed By: FDS

	Precisa XB 120A	OHAUS analytical Plus	Fisher XA 100
Balance Used:			
Initial Weighing:	Precisa XB 120A		
Final Weighing:	Precisa XB 120A		

Temperatures (103° Oven):	Temperature °C	Date :	Time:	Initials
Samples Going into oven:	103	5/1/2006	1540	FDS
Samples out for 1st Weight:	103	5/2/2006	1200	FDS

Analytical Services, Inc.

Balance Calibration Check

Analyst Freda Shaw
Date 5-1-06

Weight Set Description: Troemner Precision Weight Set #5756

Instrument ID: Precisa XB 120A

Class S Weight	Measured	Tolerance	Pass / Fail
10mg	0.0099	0.0099-0.0101	pass
20mg	0.0200	0.0199-0.0201	pass
50mg	0.0497	0.0495-0.0505	pass
100mg	0.0996	0.0990-0.1010	pass
200mg	0.1997	0.1990-0.2010	pass
500mg	0.4994	0.4900-0.5050	pass
1 gram	0.9994	0.9990-1.0010	pass
5 gram	5.0007	4.9990-5.0010	pass
10 gram	10.0001	9.9990-10.0010	pass
100 gram	99.9999	99.9900-100.0100	pass

Comments:

Analytical Services, Inc.

Balance Calibration Check

Analyst JS
Date 5.2.06

Weight Set Description: Troemner Precision Weight Set #5756

Instrument ID: Precisa XB 120A

Class S Weight	Measured	Tolerance	Pass / Fail
10mg	0.0099	0.0099-0.0101	pass
20mg		0.0199-0.0201	
50mg		0.0495-0.0505	
100mg		0.0990-0.1010	
200mg	0.1997	0.1990-0.2010	pass
500mg		0.4900-0.5050	
1 gram		0.9990-1.0010	
5 gram		4.9990-5.0010	
10 gram		9.9990-10.0010	
100 gram	100.0042	99.9900-100.0100	pass

Comments:

Metals

Sample # 227779

Analytical Services, Inc.

Page 2

ICP2/3 Daily Run Log

Table	Batch Information	Status
CAL 3	Initial Cal	DONE
128262	128262 (200.7)	DONE
128263	128263 (3010)	DONE
	5/3/06	
	NF	

Notes/Comments

Calibration Standard ~~M007-07~~ 5/3/06 M007-70

ICV/CCV (2nd Source Standard) M007-074

Analyst

Date 5/3/06

ASI Metals Department

m:\workarea\metals\forms\icp2run.doc.
revised June 20, 2002

AutoSampler Report Table: 128263 05/03/06 03:55:37 PM page 1

Table Name: 128263 Autosampler Type: TYPE TJA
Sample Positions: 270/300 QC Positions: 12/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	12	10
2	Sample (13mm)	Samples	45	1
3	Sample (13mm)	Samples	75	1
4	Sample (13mm)	Samples	75	1
5	Sample (13mm)	Samples	75	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No	128263	ICP2	30	2	1

-- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	CALHIGH	-NA-	1	Standard
2	1	2	CAL3	-NA-	1	Standard
3	1	3	CAL2	-NA-	1	Standard
4	1	4	CAL1	-NA-	1	Standard
5	1	5	STDBLK	-NA-	1	Standard
6	1	6	CCV	-NA-	4	QC Standard
7	1	7	CCB	-NA-	4	Blank

(8...19 Not Used)

3030
5/3/06

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	BLK128263	1	-NA-	Sample
2	1	2	LCS-128263	1	-NA-	Sample
3	1	3	227779-18MS	1	-NA-	Sample
4	1	4	227779-20MSD	1	-NA-	Sample
5	1	5	227779-16PDS	1	-NA-	Sample
6	1	6	227779-2DUP1	1	-NA-	Sample
7	1	7	227779-16	1	-NA-	Sample
8	1	8	227870-1DL1 1:100	1	-NA-	Sample
9	1	9	227870-1DL2 1:10	1	-NA-	Sample
10	1	10	227779-2SD	1	-NA-	Sample
11	1	11	227779-2	1	-NA-	Sample
12	1	12	227779-4	1	-NA-	Sample
13	1	13	227779-6	1	-NA-	Sample
14	1	14	227779-8	1	-NA-	Sample

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
15	1	15	227779-10	1	-NA-	Sample
16	2	1	227779-12	1	-NA-	Sample
17	2	2	227779-14	1	-NA-	Sample
18	2	3	227779-22	1	-NA-	Sample
19	2	4	227779-24	1	-NA-	Sample
20	2	5	227779-26	1	-NA-	Sample
21	2	6	227779-28	1	-NA-	Sample
22	2	7	227779-29	1	-NA-	Sample
23	2	8	227851-4	1	-NA-	Sample
24	2	9	(empty)	1	-NA-	-NA-
25	2	10	(empty)	1	-NA-	-NA-
26	2	11	(empty)	1	-NA-	-NA-
27	2	12	(empty)	1	-NA-	-NA-
28	2	13	(empty)	1	-NA-	-NA-
29	2	14	(empty)	1	-NA-	-NA-
30	2	15	(empty)	1	-NA-	-NA-
31...75		Not Used)				

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1...75		Not Used)				

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...75		Not Used)				

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...75		Not Used)				

Method: ICP2 Sample Name: CCV Operator: FBS
Run Time: 05/03/06 15:34:50
Comment: 128262
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9665	4.975	1.026	Q1.118	1.077	1.051	5.024
SDev	.0027	.003	.005	.000	.002	.001	.012
%RSD	.2841	.0684	.4776	.0353	.1513	.1404	.2477
#1	.9646	4.978	1.023	Q1.118	1.076	1.050	5.016
#2	.9685	4.973	1.030	Q1.118	1.078	1.052	5.033
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.083	1.069	1.029	1.043	4.904	5.377	5.128
SDev	.002	.001	.003	.003	.012	.059	.014
%RSD	.1454	.1368	.2805	.2679	.2523	1.093	.2820
#1	1.082	1.068	1.027	1.041	4.895	5.336	5.117
#2	1.085	1.070	1.031	1.045	4.913	5.419	5.138
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.028	1.023	1.060	1.100	1.090	1.013	1.062
SDev	.002	.004	.001	.001	.005	.006	.008
%RSD	.2166	.3590	.0536	.1172	.4630	.6282	.7921
#1	1.026	1.020	1.060	1.099	1.086	1.008	1.056
#2	1.029	1.025	1.061	Q1.101	1.093	1.017	1.068
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.045	1.029	1.048	1.029	1.029	1.048	.9953
SDev	.008	.011	.007	.006	.013	.017	.0024
%RSD	.7392	1.021	.6331	.6288	1.217	1.581	.2359
#1	1.040	1.022	1.043	1.025	1.021	1.036	.9937
#2	1.051	1.037	1.053	1.034	1.038	1.060	.9970
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.051	1.024	1.053	1.032	1.025
SDev	.001	.002	.000	.002	.001
%RSD	.1104	.1934	.0162	.1639	.0790
#1	1.050	1.022	1.053	1.030	1.024
#2	1.051	1.025	1.053	1.033	1.025
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	10.00	10.00	10.00	10.00	10.00

ethod: ICP2 Sample Name: CCB Operator: FBS
un Time: 05/03/06 15:39:15
mment: 128262
de: CONC Corr. Factor: 1

lem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	.0050	.0010	.0033	.0005	.0002	.0129
SDev	.0006	.0043	.0001	.0004	.0001	.0001	.0002
RSD	58.65	85.90	9.978	12.05	14.27	42.75	1.746
#1	.0006	.0080	.0011	.0030	.0004	.0003	.0127
#2	.0016	.0019	.0009	.0036	.0005	.0001	.0131

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0014	.0006	.0022	-.0795	.0979	.0075
SDev	.0002	.0007	.0002	.0004	.0146	.0529	.0041
%RSD	38.54	48.61	42.40	20.12	18.36	54.05	54.59
#1	.0003	.0009	.0004	.0019	-.0899	.0605	.0046
#2	.0005	.0018	.0007	.0025	-.0692	.1353	.0104

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0033	.0257	.0016	.0045	.0037	-.0012
SDev	.0000	.0009	.0007	.0001	.0014	.0016	.0000
%RSD	57.68	26.66	2.858	9.325	30.54	42.60	.6108
#1	.0000	.0040	.0252	.0015	.0036	.0026	-.0012
#2	.0001	.0027	.0262	.0017	.0055	.0048	-.0012

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0041	.0039	.0062	.0031	-.0024	.0042
SDev	.0005	.0028	.0004	.0002	.0041	.0024	.0029
%RSD	122.9	68.45	10.23	2.616	134.6	102.2	69.92
#1	.0001	.0061	.0036	.0063	.0060	-.0041	.0021
#2	.0008	.0021	.0042	.0061	.0001	-.0007	.0062

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0007	.0068	.0011	-.0134
SDev	.0000	.0003	.0006	.0003	.0000
%RSD	3.504	39.90	8.908	23.98	.2787
#1	.0005	.0005	.0064	.0009	-.0134
#2	.0005	.0008	.0073	.0013	-.0134

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Method: ICP2 Sample Name: BLK128263 Operator: FBS
Run Time: 05/03/06 15:56:29
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0633	-.3124	-.0077	-.1500	.0039	-.0136	.3175
SDev	.0188	.6421	.0100	.0040	.0157	.0161	.1446
%RSD	29.70	205.5	130.0	2.660	405.0	117.9	45.55
#1	.0500	-.7664	-.0147	-.1528	-.0072	-.0250	.2152
#2	.0766	.1416	-.0006	-.1472	.0150	-.0023	.4198

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0053	.0575	-.0659	.1223	-9.656	7.318	-.2856
SDev	.0144	.0155	.0096	.0237	.687	1.573	.3088
%RSD	273.0	26.86	14.54	19.38	7.115	21.50	108.1
#1	-.0049	.0466	-.0726	.1390	-10.14	6.205	-.5039
#2	.0155	.0685	-.0591	.1055	-9.170	8.430	-.0673

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0280	.0708	.9557	-.0553	.4460	.5545	-.2954
SDev	.0139	.0552	.3616	.0187	.2151	.0952	.1741
%RSD	49.75	77.97	37.83	33.79	48.22	17.17	58.92
#1	-.0379	.0318	.7001	-.0421	.2940	.4872	-.4185
#2	-.0182	.1098	1.211	-.0685	.5981	.6218	-.1724

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0122	.0860	.0442	.5808	-.1613	-.9688	.2150
SDev	.1478	.0044	.0293	.0749	.0441	.0916	.1878
%RSD	1215.	5.177	66.28	12.90	27.36	9.450	87.31
#1	-.1167	.0829	.0649	.6338	-.1925	-1.034	.3478
#2	.0923	.0892	.0235	.5278	-.1301	-.9040	.0823

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0165	-.0165	-.2069	.0599	-1.441
SDev	.0120	.0192	.2353	.0199	.015
%RSD	72.33	116.0	113.7	33.28	1.051
#1	.0081	-.0301	-.3733	.0458	-1.452
#2	.0250	-.0030	-.0406	.0739	-1.431

5/4/06 KM

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ethod: ICP2 Sample Name: LCS-128263 Operator: FBS
Run Time: 05/03/06 16:00:57
Comment: 128263
ode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.16	81.19	80.35	86.23	87.02	81.12	81.34
SDev	.19	.14	.22	.01	.02	.02	.14
%RSD	.2259	.1693	.2713	.0144	.0255	.0264	.1746
#1	82.29	81.09	80.51	86.22	87.04	81.11	81.24
#2	82.03	81.29	80.20	86.23	87.00	81.14	81.44

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.94	85.52	82.63	81.91	74.63	93.74	81.46
SDev	.02	.04	.02	.08	1.54	3.31	.54
%RSD	.0238	.0483	.0199	.0960	2.066	3.528	.6595
#1	86.93	85.55	82.62	81.96	73.54	96.07	81.08
#2	86.96	85.49	82.64	81.85	75.72	91.40	81.84

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.78	80.73	83.18	86.99	89.29	78.85	83.05
SDev	.05	.32	.05	.05	.00	.32	.21
%RSD	.0588	.4000	.0591	.0577	.0020	.4088	.2564
#1	80.74	80.50	83.21	86.95	89.29	79.08	83.20
#2	80.81	80.95	83.14	87.02	89.29	78.62	82.89

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.65	78.91	76.93	79.49	78.61	-.2795	84.30
SDev	.25	.56	.31	.34	.67	1.0489	.18
%RSD	.3054	.7139	.3987	.4324	.8562	375.2	.2123
#1	81.82	79.30	77.15	79.73	79.09	-1.021	84.18
#2	81.47	78.51	76.71	79.25	78.14	.4621	84.43

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	83.14	83.40	74.05	81.04	80.18
SDev	.03	.05	2.79	.06	.01
%RSD	.0326	.0635	3.764	.0745	.0145
#1	83.12	83.37	72.08	81.09	80.19
#2	83.16	83.44	76.02	81.00	80.17

5/4/06
KS

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Method: ICP2 Sample Name: 227779-18MS Operator: FBS
Run Time: 05/03/06 16:05:21
Comment: 128263
Code: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.03	10810.	82.44	88.45	108.2	85.57	102.8
SDev	.03	15.	.03	.08	.0	.05	.0
%RSD	.0394	.1351	.0337	.0952	.0074	.0629	.0478
#1	85.06	10800.	82.46	88.39	108.2	85.60	102.8
#2	85.01	10820.	82.42	88.51	108.2	85.53	102.7

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.56	89.12	92.98	87.92	3949.	241.0	223.3
SDev	.01	.01	.07	.14	4.	2.1	.3
%RSD	.0132	.0082	.0763	.1597	.0902	.8722	.1503
#1	89.56	89.13	93.03	88.02	3946.	242.5	223.1
#2	89.57	89.12	92.93	87.83	3951.	239.5	223.6

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.01	82.10	95.41	91.98	163.7	106.3	100.7
SDev	.01	.51	.15	.21	.0	.4	.2
%RSD	.0130	.6256	.1557	.2259	.0221	.3866	.1571
#1	91.02	81.74	95.30	91.84	163.7	106.6	100.8
#2	91.01	82.46	95.51	92.13	163.7	106.0	100.6

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.6	81.43	65.62	81.19	81.55	1090.	90.55
SDev	.2	.38	.38	.80	.17	.	.01
%RSD	.2364	.4629	.5822	.9860	.2026	.0097	.0144
#1	102.7	81.69	65.89	81.75	81.67	1090.	90.56
#2	102.4	81.16	65.35	80.62	81.43	1090.	90.54

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	88.79	131.6	73.74	96.73	88.26
SDev	.02	.1	.49	.04	.07
%RSD	.0173	.0810	.6656	.0393	.0836
#1	88.78	131.5	74.09	96.76	88.31
#2	88.80	131.7	73.40	96.71	88.21

5/4/06
KG

TS = 90.83%

'nalysis Report 05/03/06 04:14:06 PM page 1

ıethod: ICP2 Sample Name: 227779-20MSD Operator: FBS
Run Time: 05/03/06 16:09:46
ɔmment: 128263
ɔde: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.05	10190.	80.97	87.63	105.7	84.35	102.1
SDev	.41	3.	.44	.60	.6	.48	.6
%RSD	.4892	.0302	.5484	.6818	.5514	.5650	.5395
#1	83.76	10200.	80.66	87.20	105.3	84.01	101.8
#2	84.34	10190.	81.29	88.05	106.2	84.68	102.5

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.45	88.01	91.28	86.49	3823.	231.9	214.3
SDev	.47	.41	.56	.61	18.	.9	.7
%RSD	.5318	.4702	.6131	.7068	.4774	.3916	.3451
#1	88.12	87.72	90.89	86.06	3810.	231.2	213.8
#2	88.78	88.30	91.68	86.92	3835.	232.5	214.8

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.52	81.14	100.7	90.69	154.1	103.0	98.08
SDev	.46	.26	.6	.37	.9	.4	.59
%RSD	.5173	.3253	.6238	.4059	.6016	.4252	.6015
#1	89.19	80.95	100.3	90.43	153.5	102.6	97.66
#2	89.85	81.33	101.1	90.95	154.8	103.3	98.49

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.70	80.30	64.04	80.31	80.30	885.9	84.15
SDev	.54	.46	.80	.85	.26	4.3	.56
%RSD	.5409	.5675	1.252	1.052	.3250	.4841	.6713
#1	99.32	79.98	63.48	79.71	80.11	882.9	83.75
#2	100.1	80.62	64.61	80.91	80.48	888.9	84.55

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	87.50	123.8	69.61	95.29	87.08
SDev	.59	.8	1.99	.47	.52
%RSD	.6693	.6589	2.856	.4975	.5992
#1	87.09	123.2	68.21	94.95	86.71
#2	87.91	124.4	71.02	95.62	87.45

5/4/06
KS

TS=90.83%

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Method: ICP2 Sample Name: 227779-16PDS Operator: FBS
Run Time: 05/03/06 16:14:10
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.55	3968.	91.75	101.1	112.3	93.18	117.9
SDev	2.24	44.	2.43	2.6	3.1	2.43	2.7
%RSD	2.420	1.104	2.649	2.594	2.742	2.610	2.303
#1	94.13	3999.	93.47	102.9	114.4	94.90	119.8
#2	90.97	3937.	90.03	99.23	110.1	91.46	116.0

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.58	96.89	101.1	95.20	5397.	144.0	147.2
SDev	2.43	2.33	2.4	2.56	141.	1.6	3.2
%RSD	2.491	2.402	2.411	2.687	2.607	1.129	2.204
#1	99.30	98.54	102.8	97.01	5496.	142.9	149.5
#2	95.86	95.25	99.38	93.39	5297.	145.2	144.9

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.9	91.14	98.74	98.53	188.5	110.4	112.5
SDev	2.5	2.30	2.71	2.44	5.1	1.5	2.0
%RSD	2.469	2.525	2.749	2.482	2.713	1.331	1.798
#1	104.7	92.77	100.7	100.3	192.1	111.4	114.0
#2	101.1	89.52	96.82	96.80	184.9	109.3	111.1

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	111.8	89.55	74.75	89.47	89.59	1044.	95.30
SDev	1.8	1.66	1.98	1.57	1.71	30.	2.29
%RSD	1.644	1.859	2.654	1.758	1.909	2.844	2.405
#1	113.1	90.73	76.15	90.58	90.80	1065.	96.92
#2	110.5	88.37	73.35	88.36	88.38	1023.	93.68

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	95.90	141.6	85.59	109.2	93.58
SDev	2.51	3.8	1.89	2.7	2.52
%RSD	2.618	2.650	2.204	2.444	2.691
#1	97.68	144.3	86.93	111.0	95.36
#2	94.12	139.0	84.26	107.3	91.80

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KAS

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Method: ICP2 Sample Name: LCS-128263RR Operator: FBS
Run Time: 05/03/06 16:20:09
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.63	103.3	104.1	113.0	109.7	106.0	102.8
SDev	.01	.8	.1	.8	.0	.0	.1
%RSD	.0082	.8211	.0596	.6970	.0288	.0172	.1308
#1	98.62	102.7	104.0	112.4	109.6	106.0	102.9
#2	98.63	103.9	104.1	113.5	109.7	106.0	102.7

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	110.3	108.6	104.8	106.5	99.39	114.9	104.7
SDev	.0	.1	.1	.0	.22	.2	.4
%RSD	.0327	.0890	.1246	.0171	.2203	.1528	.3368
#1	110.3	108.6	104.9	106.5	99.23	114.8	105.0
#2	110.3	108.5	104.7	106.4	99.54	115.0	104.5

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.3	103.4	106.5	112.3	110.6	102.2	108.2
SDev	.0	.6	.1	.3	.5	.4	.5
%RSD	.0097	.5464	.0802	.2884	.4279	.3758	.4959
#1	104.3	103.8	106.5	112.5	111.0	102.5	108.6
#2	104.3	103.0	106.4	112.1	110.3	102.0	107.9

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.2	104.7	106.9	104.8	104.7	107.0	101.3
SDev	.5	.2	.0	.3	.4	1.1	.1
%RSD	.4573	.1745	.0171	.2713	.3976	1.047	.0582
#1	106.6	104.6	106.9	105.0	104.4	106.2	101.4
#2	105.9	104.8	106.9	104.6	105.0	107.8	101.3

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	107.4	104.5	108.4	105.0	104.7
SDev	.0	.0	.5	.1	.0
%RSD	.0165	.0055	.4724	.0600	.0013
#1	107.3	104.5	108.7	105.1	104.7
#2	107.4	104.5	108.0	105.0	104.7

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Analysis Report QC Standard 05/03/06 04:28:55 PM page 1

Method: ICP2 Sample Name: CCV Operator: FBS
Run Time: 05/03/06 16:24:34
Comment: 128263
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9688	4.988	1.024	Q1.125	1.078	1.049	5.038
SDev	.0026	.021	.002	.002	.002	.001	.009
%RSD	.2680	.4154	.1926	.1737	.1430	.1346	.1839
#1	.9670	4.974	1.023	Q1.123	1.077	1.048	5.031
#2	.9707	5.003	1.026	Q1.126	1.079	1.050	5.044
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.080	1.064	1.026	1.042	4.896	5.345	5.117
SDev	.002	.003	.002	.002	.002	.056	.010
%RSD	.1838	.2698	.1748	.1641	.0496	1.056	.2002
#1	1.079	1.062	1.025	1.041	4.897	5.306	5.110
#2	1.082	1.066	1.028	1.043	4.894	5.385	5.124
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.024	1.018	1.047	1.096	1.086	1.005	1.062
SDev	.001	.004	.003	.001	.001	.001	.004
%RSD	.1263	.3491	.3020	.0725	.1315	.1272	.3421
#1	1.023	1.016	1.045	1.096	1.087	1.004	1.060
#2	1.025	1.021	1.049	1.097	1.085	1.006	1.065
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.043	1.032	1.049	1.036	1.030	1.065	.9923
SDev	.003	.003	.007	.003	.006	.004	.0017
%RSD	.2731	.2553	.6462	.3372	.5533	.3437	.1718
#1	1.041	1.030	1.044	1.039	1.026	1.063	.9911
#2	1.045	1.034	1.054	1.034	1.034	1.068	.9935
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.054	1.026	1.064	1.033	1.024
SDev	.001	.001	.001	.002	.002
%RSD	.1166	.1080	.0991	.1592	.1672
#1	1.054	1.025	1.064	1.032	1.023
#2	1.055	1.026	1.063	1.034	1.025
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	10.00	10.00	10.00	10.00	10.00

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Method: ICP2 Sample Name: CCB Operator: FBS
Run Time: 05/03/06 16:28:59
Comment: 128263
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	-.0001	.0007	.0030	.0006	.0002	.0089
SDev	.0010	.0077	.0008	.0008	.0001	.0001	.0013
%RSD	77.61	7646.	112.8	27.76	18.19	22.27	14.34
#1	.0006	-.0056	.0001	.0036	.0005	.0002	.0080
#2	.0020	.0054	.0013	.0024	.0007	.0002	.0098

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0012	-.0002	.0022	-.0909	.0636	.0022
SDev	.0000	.0005	.0009	.0007	.0013	.0458	.0013
%RSD	.1357	44.18	448.0	29.60	1.435	71.99	58.41
#1	.0005	.0008	-.0008	.0018	-.0918	.0312	.0013
#2	.0005	.0016	.0004	.0027	-.0900	.0960	.0032

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0007	.0136	.0003	.0053	.0047	-.0018
SDev	.0001	.0028	.0001	.0006	.0022	.0026	.0007
%RSD	90.04	413.4	.6966	187.3	40.72	54.31	38.10
#1	.0001	.0027	.0136	-.0001	.0038	.0029	-.0013
#2	.0003	-.0013	.0137	.0008	.0069	.0066	-.0023

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0015	.0050	.0078	-.0016	-.0047	.0019
SDev	.0004	.0038	.0019	.0003	.0056	.0000	.0006
%RSD	104.5	256.1	39.33	4.041	342.2	.9488	30.08
#1	.0001	.0042	.0036	.0080	.0023	-.0047	.0015
#2	.0007	-.0012	.0063	.0075	-.0056	-.0046	.0023

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0005	.0104	.0011	-.0137
SDev	.0001	.0001	.0063	.0012	.0001
%RSD	14.97	21.00	60.83	104.6	.3761
#1	.0005	.0004	.0149	.0003	-.0137
#2	.0007	.0006	.0059	.0019	-.0136

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Method: ICP2 Sample Name: 227779-2DUP1 Operator: FBS
Run Time: 05/03/06 16:33:23
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0971	5370.	1.310	.7410	17.49	.0881	206.6
SDev	.1573	39.	.250	.1523	.01	.0001	.2
%RSD	161.9	.7298	19.12	20.55	.0793	.0601	.1089
#1	.2084	5398.	1.487	.8487	17.48	.0882	206.8
#2	-.0141	5343.	1.133	.6333	17.50	.0881	206.5

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1431	.5163	5.800	2.915	4468.	139.7	146.7
SDev	.0204	.1257	.141	.122	1.	9.4	.1
%RSD	14.25	24.35	2.427	4.182	.0195	6.726	.0515
#1	.1575	.6052	5.899	3.001	4469.	146.4	146.8
#2	.1287	.4274	5.700	2.829	4468.	133.1	146.7

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.68	.4014	11.97	1.502	91.43	26.81	22.01
SDev	.00	.2608	.14	.014	.00	.46	.08
%RSD	.0128	64.97	1.178	.9482	.0039	1.703	.3785
#1	24.69	.5858	12.07	1.512	91.43	27.13	21.95
#2	24.68	.2170	11.87	1.492	91.44	26.48	22.07

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.61	.6137	.7380	.7883	.5264	454.5	3.833
SDev	.10	.0312	.1391	1.010	.5518	.8	.295
%RSD	.4092	5.089	18.85	128.1	104.8	.1830	7.702
#1	23.68	.5916	.8364	1.503	.1362	453.9	4.042
#2	23.54	.6358	.6397	.0741	.9166	455.1	3.624

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.792	63.68	6.257	11.91	184.9
SDev	.002	.02	.214	.13	.2
%RSD	.1301	.0381	3.414	1.058	.0900
#1	1.794	63.66	6.106	12.00	184.8
#2	1.791	63.70	6.408	11.82	185.0

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Method: ICP2 Sample Name: 227779-16 Operator: FBS
Run Time: 05/03/06 16:37:47
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.2067	7469.	2.582	.3336	26.66	.2904	39.37
SDev	.0626	1.	.162	.0238	.01	.0022	.06
%RSD	30.31	.0124	6.261	7.137	.0214	.7545	.1402
#1	-.2510	7469.	2.467	.3504	26.66	.2920	39.33
#2	-.1624	7468.	2.696	.3168	26.67	.2889	39.41

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0645	.4227	10.34	3.441	11120.	85.32	104.0
SDev	.0071	.0444	.04	.017	9.	4.07	.6
%RSD	11.04	10.50	.3813	.4811	.0835	4.765	.6151
#1	.0595	.3913	10.31	3.452	11130.	82.45	103.5
#2	.0696	.4541	10.36	3.429	11110.	88.20	104.4

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.25	.5181	7.408	1.018	153.4	41.83	36.24
SDev	.03	.0925	.106	.012	.4	.10	.18
%RSD	.1059	17.85	1.429	1.153	.2464	.2418	.5052
#1	29.27	.4527	7.333	1.010	153.7	41.76	36.11
#2	29.22	.5835	7.483	1.027	153.2	41.90	36.37

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.10	.7845	.9517	.5482	.9027	816.4	3.732
SDev	.16	.2128	.0210	.0823	.2780	1.9	.157
%RSD	.4088	27.12	2.211	15.00	30.80	.2278	4.200
#1	37.99	.9350	.9665	.6063	1.099	817.7	3.621
#2	38.21	.6341	.9368	.4900	.7061	815.0	3.843

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.192	75.43	15.06	34.28	4.793
SDev	.002	.12	.03	.03	.017
%RSD	.1866	.1540	.2246	.0732	.3479
#1	1.190	75.51	15.04	34.30	4.805
#2	1.194	75.35	15.09	34.26	4.781

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KAS

TS = 90.83%

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Method: ICP2 Sample Name: CCV Operator: FBS
Run Time: 05/03/06 16:57:19
Comment: 128263
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9743	5.078	1.022	Q1.124	1.084	1.050	5.053
SDev	.0012	.045	.000	.003	.000	.000	.001
%RSD	.1256	.8768	.0163	.2589	.0158	.0274	.0252
#1	.9734	5.047	1.023	Q1.122	1.084	1.050	5.052
#2	.9751	5.110	1.022	Q1.126	1.084	1.051	5.054
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.080	1.065	1.029	1.051	4.894	5.384	5.117
SDev	.000	.001	.000	.002	.016	.015	.002
%RSD	.0380	.0937	.0149	.1626	.3279	.2787	.0392
#1	1.080	1.064	1.029	1.049	4.905	5.373	5.116
#2	1.080	1.065	1.029	1.052	4.882	5.395	5.119
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.034	1.020	1.076	1.097	1.090	1.003	1.057
SDev	.004	.005	.004	.002	.001	.001	.000
%RSD	.3926	.4419	.3955	.1734	.1153	.0583	.0417
#1	1.037	1.017	1.079	1.095	1.089	1.003	1.057
#2	1.031	1.023	1.073	1.098	1.090	1.002	1.058
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.039	1.028	1.052	1.027	1.028	1.064	.9923
SDev	.000	.005	.002	.002	.008	.001	.0046
%RSD	.0095	.4500	.1844	.2244	.7870	.1174	.4607
#1	1.039	1.024	1.053	1.029	1.022	1.065	.9891
#2	1.039	1.031	1.050	1.026	1.034	1.063	.9955
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.058	1.028	1.046	1.034	1.026
SDev	.001	.000	.001	.000	.001
%RSD	.0721	.0082	.0725	.0197	.0623
#1	1.058	1.028	1.046	1.034	1.026
#2	1.059	1.028	1.047	1.035	1.027
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	10.00	10.00	10.00	10.00	10.00

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Method: ICP2 Sample Name: CCB Operator: FBS
Run Time: 05/03/06 17:03:14
Comment: 128263
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0016	.0099	.0027	.0031	.0005	.0001	.0090
SDev	.0001	.0010	.0012	.0012	.0001	.0001	.0009
%RSD	3.783	10.08	43.71	37.79	10.04	53.11	9.699
#1	.0016	.0092	.0019	.0039	.0006	.0002	.0096
#2	.0016	.0106	.0035	.0023	.0005	.0001	.0084

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0011	.0004	.0025	-.0835	.0874	.0058
SDev	.0001	.0006	.0003	.0000	.0031	.0095	.0027
%RSD	9.198	48.19	83.96	.6679	3.659	10.93	45.51
#1	.0006	.0015	.0007	.0025	-.0814	.0941	.0077
#2	.0005	.0008	.0002	.0025	-.0857	.0806	.0039

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0024	.0211	.0013	.0021	.0032	-.0016
SDev	.0002	.0000	.0006	.0006	.0043	.0034	.0004
%RSD	49.65	.2002	2.734	47.52	206.0	104.2	23.97
#1	.0005	.0024	.0207	.0017	.0052	.0056	-.0019
#2	.0002	.0024	.0215	.0008	-.0010	.0009	-.0013

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0003	.0068	.0034	-.0013	.0017	.0034
SDev	.0009	.0006	.0019	.0001	.0009	.0017	.0019
%RSD	25290.	228.1	28.86	3.732	70.05	96.59	55.66
#1	.0006	-.0002	.0054	.0035	-.0020	.0029	.0021
#2	-.0006	.0007	.0081	.0033	-.0007	.0005	.0048

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0005	.0062	.0012	-.0137
SDev	.0001	.0002	.0069	.0001	.0001
%RSD	18.83	31.66	111.1	11.47	.6527
#1	.0006	.0006	.0111	.0013	-.0137
#2	.0005	.0004	.0013	.0011	-.0138

'ethod: ICP2 Sample Name: 227779-2SD Operator: FBS
Run Time: 05/03/06 17:34:41
›mment: 128263
›de: CONC Corr. Factor: 500

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1194	3831.	.7470	-.1481	11.53	-.1084	143.4
SDev	.1385	3.	.5184	.4398	.03	.0162	2.0
%RSD	116.0	.0736	69.40	297.0	.2830	14.97	1.367
#1	.2173	3833.	1.114	-.4591	11.55	-.1199	142.0
#2	.0215	3829.	.3804	.1629	11.51	-.0969	144.8

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0546	.4315	3.721	2.851	2935.	127.9	102.2
SDev	.0924	.0913	.075	.084	72.	9.0	1.6
%RSD	169.0	21.16	2.025	2.935	2.459	7.017	1.549
#1	.1200	.3670	3.775	2.910	2883.	134.2	103.3
#2	-.0107	.4961	3.668	2.792	2986.	121.5	101.1

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.32	.2903	10.06	.8514	65.52	16.47	10.91
SDev	.47	1.216	.13	.1220	1.37	.52	.22
%RSD	2.859	419.0	1.304	14.33	2.091	3.180	1.980
#1	15.99	1.150	9.968	.9377	66.49	16.10	11.06
#2	16.65	-.5698	10.15	.7651	64.55	16.84	10.76

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.76	1.129	-.0659	1.497	.9446	839.5	3.102
SDev	.03	1.586	1.5905	1.366	1.696	13.0	1.280
%RSD	.2395	140.5	2412.	91.24	179.6	1.554	41.24
#1	12.74	2.251	1.059	2.463	2.144	848.7	2.198
#2	12.79	.0071	-1.191	.5313	-.2550	830.3	4.007

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.309	73.67	5.957	7.978	121.0
SDev	.009	2.05	3.099	.148	1.2
%RSD	.6628	2.788	52.03	1.860	.9834
#1	1.315	75.13	3.765	8.083	120.1
#2	1.303	72.22	8.148	7.874	121.8

Analysis Report QC Standard 05/03/06 05:45:44 PM page 1

Method: ICP2 Sample Name: CCV Operator: FBS
Run Time: 05/03/06 17:41:23
Comment: 128263
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9744	5.090	1.023	Q1.112	1.083	1.047	5.044
SDev	.0001	.029	.004	.001	.000	.001	.002
%RSD	.0067	.5617	.3669	.1296	.0409	.0998	.0365
#1	.9744	5.111	1.025	Q1.113	1.083	1.047	5.046
#2	.9744	5.070	1.020	Q1.111	1.083	1.046	5.043
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.075	1.064	1.028	1.050	4.894	5.474	5.092
SDev	.000	.000	.001	.001	.023	.002	.001
%RSD	.0405	.0214	.1087	.0824	.4640	.0422	.0171
#1	1.075	1.064	1.029	1.049	4.878	5.476	5.093
#2	1.074	1.063	1.027	1.050	4.910	5.472	5.091
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.022	1.017	1.081	1.091	1.091	1.010	1.062
SDev	.001	.005	.001	.001	.000	.002	.000
%RSD	.0697	.4544	.0525	.0673	.0323	.2301	.0414
#1	1.022	1.013	1.081	1.092	1.091	1.008	1.062
#2	1.021	1.020	1.080	1.091	1.092	1.012	1.062
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.045	1.039	1.047	1.034	1.041	1.050	.9927
SDev	.001	.006	.001	.004	.008	.004	.0006
%RSD	.1022	.6154	.0908	.3777	.7335	.3441	.0564
#1	1.044	1.034	1.047	1.032	1.036	1.048	.9923
#2	1.045	1.043	1.046	1.037	1.047	1.053	.9931
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
ıvge	1.058	1.025	1.051	1.033	1.022
ɔDev	.000	.001	.017	.001	.002
%RSD	.0073	.0793	1.634	.0605	.1557
‡1	1.058	1.025	1.038	1.033	1.023
#2	1.058	1.024	1.063	1.032	1.021
ɜrrors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	10.00	10.00	10.00	10.00	10.00

Analysis Report Blank Sample 05/03/06 05:50:09 PM page 1

Method: ICP2 Sample Name: CCB Operator: FBS
Run Time: 05/03/06 17:45:48
Comment: 128263
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	.0118	.0018	.0018	.0005	.0001	.0067
SDev	.0002	.0010	.0010	.0001	.0001	.0000	.0009
%RSD	22.11	8.784	59.02	5.098	31.57	26.11	14.16
#1	.0009	.0111	.0025	.0019	.0004	.0001	.0060
#2	.0012	.0126	.0010	.0017	.0006	.0002	.0073

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0011	.0001	.0022	-.0879	.0712	.0013
SDev	.0001	.0005	.0003	.0004	.0145	.0165	.0027
%RSD	29.95	45.90	446.9	20.22	16.46	23.22	211.1
#1	.0003	.0007	-.0001	.0019	-.0981	.0595	-.0006
#2	.0005	.0014	.0003	.0025	-.0777	.0829	.0032

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0014	.0143	.0002	.0027	.0057	-.0021
SDev	.0001	.0011	.0005	.0000	.0035	.0022	.0001
%RSD	85.58	78.21	3.726	4.411	128.7	37.94	5.130
#1	.0001	.0021	.0147	.0002	.0002	.0042	-.0021
#2	.0003	.0006	.0140	.0002	.0052	.0072	-.0020

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0013	.0049	.0031	.0003	-.0034	.0025
SDev	.0008	.0010	.0003	.0024	.0027	.0018	.0014
%RSD	152.9	81.91	6.298	75.07	810.7	52.36	58.07
#1	-.0000	.0020	.0052	.0015	.0023	-.0046	.0015
#2	.0011	.0005	.0047	.0048	-.0016	-.0021	.0035

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0005	.0019	.0009	-.0138
SDev	.0001	.0001	.0039	.0003	.0003
%RSD	19.26	19.04	199.8	28.50	2.223
#1	.0004	.0005	-.0008	.0007	-.0140
#2	.0006	.0006	.0047	.0011	-.0135

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Method: ICP2 Sample Name: 227779-2 Operator: FBS
Run Time: 05/03/06 17:50:12
Comment: 128263
Code: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0091	4881.	1.270	.5664	15.00	.0595	165.5
SDev	.0000	74.	.008	.0389	.14	.0043	1.3
%RSD	.2318	1.516	.6358	6.866	.9144	7.298	.7944
#1	.0090	4933.	1.265	.5389	15.10	.0564	166.4
#2	.0091	4828.	1.276	.5939	14.91	.0626	164.6

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0699	.4121	5.207	2.410	3767.	124.4	128.3
SDev	.0029	.0193	.075	.001	32.	.6	1.0
%RSD	4.150	4.693	1.432	.0389	.8546	.4712	.7839
#1	.0678	.3985	5.259	2.410	3789.	124.8	129.0
#2	.0719	.4258	5.154	2.411	3744.	123.9	127.6

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.74	.1720	7.747	1.392	81.32	19.31	15.10
SDev	.20	.1226	.050	.127	.49	.55	.01
%RSD	.9745	71.31	.6490	9.096	.6045	2.827	.0657
#1	20.88	.0853	7.783	1.303	81.67	19.70	15.10
#2	20.60	.2587	7.712	1.482	80.97	18.93	15.11

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.51	.6098	.4066	.4315	.6989	1061.	3.990
SDev	.18	.2214	.0208	.5966	.0337	49.	.001
%RSD	1.062	36.30	5.125	138.3	4.828	4.618	.0287
#1	16.63	.7663	.3919	.8534	.7227	1096.	3.989
#2	16.38	.4532	.4214	.0096	.6750	1027.	3.991

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.643	94.11	4.833	10.45	136.3
SDev	.008	3.42	.534	.15	1.2
%RSD	.5032	3.637	11.05	1.417	.8965
#1	1.649	96.53	4.455	10.56	137.1
#2	1.637	91.69	5.210	10.35	135.4

TS=92.95%

5/5/06
KAS

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Method: ICP2 Sample Name: 227779-4 Operator: FBS
Run Time: 05/03/06 17:54:37
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0146	3247.	1.596	1.034	29.41	.1505	417.2
SDev	.0213	1.	.018	.064	.04	.0033	.3
%RSD	145.8	.0336	1.103	6.198	.1225	2.164	.0801
#1	-.0004	3246.	1.609	1.079	29.43	.1482	417.5
#2	.0296	3248.	1.584	.9883	29.38	.1528	417.0

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3791	1.374	6.484	6.924	4039.	296.1	310.5
SDev	.0123	.038	.049	.027	7.	1.7	.5
%RSD	3.237	2.740	.7629	.3867	.1797	.5842	.1627
#1	.3878	1.347	6.449	6.905	4044.	294.9	310.8
#2	.3704	1.400	6.519	6.943	4034.	297.3	310.1

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.14	.3888	12.42	2.137	89.05	43.10	42.24
SDev	.08	.1123	.07	.076	.62	.17	.37
%RSD	.0975	28.87	.5309	3.548	.6999	.3979	.8642
#1	82.20	.4682	12.46	2.190	89.49	42.98	42.50
#2	82.09	.3094	12.37	2.083	88.61	43.22	41.99

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.53	.6656	.3845	.0944	.9512	878.7	4.088
SDev	.19	.1451	.3774	.5568	.0607	15.5	.196
%RSD	.4379	21.80	98.16	590.2	6.382	1.764	4.788
#1	42.66	.5630	.1176	-.2994	.9941	889.7	3.950
#2	42.40	.7682	.6514	.4881	.9083	867.8	4.226

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.442	146.9	5.005	9.178	24.32
SDev	.005	.7	.384	.085	.04
%RSD	.1949	.4533	7.673	.9273	.1626
#1	2.439	146.4	4.733	9.118	24.34
#2	2.445	147.3	5.276	9.238	24.29

5/5/06
KD

TS=95.24%

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Method: ICP2 Sample Name: 227779-6 Operator: FBS
Run Time: 05/03/06 17:59:01
Comment: 128263
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0109	461.1	.2240	.1298	11.57	.0130	72.39
SDev	.0081	2.2	.0129	.0121	.06	.0000	.59
%RSD	74.73	.4870	5.735	9.311	.4921	.2379	.8172
#1	.0051	462.7	.2331	.1212	11.61	.0130	72.81
#2	.0167	459.5	.2149	.1383	11.53	.0130	71.97

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0288	.0929	.7420	.9320	597.9	15.17	15.06
SDev	.0003	.0054	.0014	.0016	2.6	.09	.07
%RSD	1.077	5.832	.1879	.1717	.4304	.5798	.4911
#1	.0286	.0891	.7410	.9331	599.7	15.23	15.11
#2	.0291	.0968	.7429	.9308	596.0	15.11	15.00

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Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.09	.0451	2.950	.3328	28.30	24.20	25.25
SDev	.05	.0014	.025	.0094	.10	.00	.06
%RSD	.3782	3.205	.8516	2.827	.3510	.0150	.2386
#1	12.12	.0461	2.968	.3261	28.37	24.21	25.29
#2	12.06	.0441	2.933	.3394	28.23	24.20	25.21

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.90	.0926	.0971	.0253	.1263	167.3	.6875
SDev	.04	.0210	.0056	.0089	.0271	5.6	.0177
%RSD	.1662	22.72	5.733	35.15	21.48	3.338	2.569
#1	24.93	.1075	.1010	.0316	.1454	171.2	.6750
#2	24.87	.0777	.0931	.0190	.1071	163.4	.7000

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.005	13.50	.7276	1.217	11.98
SDev	.006	.18	.0289	.006	.05
%RSD	.6288	1.337	3.977	.5107	.3794
#1	1.010	13.63	.7481	1.222	12.02
#2	1.001	13.37	.7072	1.213	11.95

5/5/06 KAD

TS= ~~[illegible]~~ KAD 5/5/06
92.13%

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Method: ICP2 Sample Name: 227779-8 Operator: FBS
Run Time: 05/03/06 18:03:25
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0849	2432.	1.104	.1598	11.86	.0629	189.8
SDev	.0877	12.	.125	.0015	.21	.0023	1.7
%RSD	103.2	.4849	11.34	.9646	1.776	3.661	.9106
#1	.0229	2440.	1.015	.1609	12.01	.0646	191.0
#2	.1470	2423.	1.192	.1587	11.71	.0613	188.6

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.3566	.7102	3.672	2.569	2113.	84.38	82.89
SDev	.0065	.0585	.001	.019	27.	1.73	1.27
%RSD	1.813	8.243	.0374	.7474	1.301	2.045	1.528
#1	.3612	.6688	3.671	2.555	2132.	83.16	83.79
#2	.3520	.7516	3.673	2.583	2093.	85.60	82.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.16	.2892	6.344	1.102	69.13	25.50	24.79
SDev	.47	.0693	.059	.005	.98	.16	.27
%RSD	1.046	23.96	.9342	.4702	1.416	.6351	1.082
#1	45.50	.3383	6.386	1.106	69.82	25.38	24.98
#2	44.83	.2402	6.302	1.099	68.43	25.61	24.60

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.03	.3460	.4668	-.1875	.6127	1190.	4.135
SDev	.12	.1318	.4506	.9329	.2687	109.	.082
%RSD	.4989	38.10	96.54	497.5	43.85	9.178	1.980
#1	25.11	.2528	.1482	-.8472	.8027	1267.	4.077
#2	24.94	.4392	.7854	.4721	.4227	1113.	4.193

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.055	85.33	2.432	5.952	88.23
SDev	.051	4.65	.109	.001	1.05
%RSD	4.821	5.444	4.491	.0135	1.196
#1	1.091	88.62	2.354	5.951	88.98
#2	1.019	82.05	2.509	5.952	87.48

5/5/06 KAD

TS=93.43%

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ethod: ICP2 Sample Name: 227779-10 Operator: FBS
Run Time: 05/03/06 18:07:50
omment: 128263
ode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0073	2650.	.9879	.5314	19.63	.0616	227.8
SDev	.1140	3.	.0485	.0143	.02	.0004	.0
%RSD	1555.	.1221	4.904	2.690	.1109	.7324	.0113
#1	-.0733	2652.	.9537	.5415	19.62	.0613	227.8
#2	.0880	2647.	1.022	.5213	19.65	.0619	227.8

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4587	.7649	4.210	5.767	2517.	94.42	114.3
SDev	.0092	.0393	.037	.059	1.	5.50	.2
%RSD	1.995	5.143	.8904	1.017	.0580	5.824	.1390
#1	.4652	.7371	4.183	5.725	2518.	90.53	114.4
#2	.4523	.7927	4.236	5.808	2515.	98.31	114.2

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.13	.4292	34.93	2.026	117.5	61.85	63.20
SDev	.01	.0816	.05	.109	.3	.50	.21
%RSD	.0544	19.01	.1441	5.380	.2895	.8054	.3244
#1	17.12	.4869	34.97	1.949	117.8	61.50	63.35
#2	17.13	.3715	34.90	2.103	117.3	62.21	63.06

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.75	.6873	1.319	.3657	.8481	462.7	8.594
SDev	.03	.3894	.501	.0098	.5890	1.5	.285
%RSD	.0467	56.66	37.98	2.680	69.45	.3336	3.313
#1	62.73	.4120	.9649	.3726	.4316	463.8	8.393
#2	62.77	.9627	1.674	.3587	1.265	461.6	8.796

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.219	54.78	2.628	6.467	434.7
SDev	.006	.07	.541	.097	.9
%RSD	.4961	.1276	20.60	1.501	.2172
#1	1.215	54.83	2.245	6.398	435.4
#2	1.223	54.73	3.011	6.535	434.0

5/5/06
KAS

TS=92.88%

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Method: ICP2 Sample Name: 227779-12 Operator: FBS
Run Time: 05/03/06 18:12:15
Comment: 128263
Code: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0125	3299.	1.199	.7387	20.85	.0733	267.9
SDev	.0258	15.	.091	.0543	.07	.0040	.9
%RSD	207.4	.4611	7.631	7.357	.3218	5.427	.3521
#1	.0058	3289.	1.134	.7771	20.81	.0762	267.2
#2	-.0307	3310.	1.263	.7003	20.90	.0705	268.5

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.4849	.8844	4.461	9.280	4012.	102.4	124.7
SDev	.0040	.0026	.025	.026	14.	1.7	.4
%RSD	.8241	.2914	.5493	.2760	.3402	1.633	.2960
#1	.4878	.8826	4.443	9.262	4002.	103.6	124.4
#2	.4821	.8862	4.478	9.298	4022.	101.2	124.9

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.56	1.266	34.39	2.456	118.5	62.93	63.22
SDev	.07	.046	.16	.089	.3	.14	.14
%RSD	.2774	3.639	.4625	3.616	.2659	.2240	.2216
#1	25.51	1.234	34.28	2.393	118.3	62.83	63.12
#2	25.61	1.299	34.50	2.518	118.7	63.03	63.32

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.12	.6068	1.046	.4649	.6777	558.7	7.233
SDev	.14	.0516	.146	.2860	.0657	1.3	.237
%RSD	.2224	8.497	13.96	61.52	9.688	.2321	3.273
#1	63.02	.5703	1.149	.2627	.7241	557.8	7.065
#2	63.22	.6432	.9424	.6672	.6313	559.6	7.400

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.445	59.42	4.821	7.215	406.9
SDev	.009	.18	.309	.029	1.5
%RSD	.5889	.3071	6.401	.4083	.3807
#1	1.439	59.30	4.602	7.194	405.8
#2	1.451	59.55	5.039	7.236	407.9

5/5/06

TS= 92.44%

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..ethod: ICP2 Sample Name: 227779-14 Operator: FBS
Run Time: 05/03/06 18:16:39
omment: 128263
ode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0132	3133.	.8689	.7098	13.75	.0351	227.9
SDev	.0083	10.	.0679	.0744	.04	.0003	.4
%RSD	62.82	.3341	7.816	10.48	.2796	.7737	.1591
#1	-.0191	3126.	.9169	.6572	13.72	.0349	227.7
#2	-.0073	3140.	.8209	.7624	13.78	.0353	228.2

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0384	.3496	3.362	1.938	2323.	73.81	76.46
SDev	.0036	.0347	.060	.005	4.	.53	.82
%RSD	9.445	9.936	1.787	.2572	.1612	.7193	1.072
#1	.0410	.3250	3.320	1.942	2320.	73.43	75.88
#2	.0358	.3741	3.405	1.935	2325.	74.18	77.04

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.96	.3908	40.44	.9770	73.45	14.19	11.73
SDev	.07	.0154	.18	.1130	.39	.28	.07
%RSD	.2128	3.937	.4451	11.56	.5357	1.941	.5891
#1	33.91	.3800	40.31	.8972	73.17	14.38	11.69
#2	34.01	.4017	40.57	1.057	73.73	13.99	11.78

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.55	.6344	.5114	-.3290	1.116	428.2	3.789
SDev	.05	.4532	.0016	.0013	.679	.9	.104
%RSD	.3643	71.44	.3124	.3803	60.85	.2019	2.738
#1	12.59	.3140	.5103	-.3298	.6358	427.6	3.716
#2	12.52	.9549	.5126	-.3281	1.596	428.8	3.862

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.559	44.69	3.052	6.405	6.627
SDev	.009	.08	.991	.114	.008
%RSD	.5530	.1716	32.47	1.780	.1210
#1	1.553	44.63	2.352	6.325	6.621
#2	1.565	44.74	3.753	6.486	6.632

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5/5/06
HAS

TS = 93.18%

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Method: ICP2 Sample Name: 227779-22 Operator: FBS
Run Time: 05/03/06 18:21:04
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0875	5634.	1.118	.2506	20.94	.1720	74.24
SDev	.0695	9.	.188	.0649	.03	.0039	.08
%RSD	79.42	.1626	16.79	25.88	.1595	2.257	.1079
#1	-.0383	5641.	1.251	.2047	20.91	.1693	74.18
#2	-.1366	5628.	.9854	.2964	20.96	.1748	74.29

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.4409	7.024	2.766	5763.	78.60	87.47
SDev	.0018	.0467	.011	.000	9.	2.19	.20
%RSD	351.7	10.60	.1630	.0069	.1609	2.784	.2283
#1	-.0008	.4740	7.016	2.767	5756.	80.15	87.33
#2	.0018	.4078	7.032	2.766	5769.	77.05	87.62

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.31	.4417	9.751	.8541	60.33	15.89	10.57
SDev	.01	.1911	.067	.0597	.78	.22	.21
%RSD	.0546	43.27	.6912	6.992	1.300	1.360	1.945
#1	10.30	.3066	9.703	.8119	59.77	16.04	10.43
#2	10.31	.5769	9.798	.8963	60.88	15.74	10.72

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.34	.7144	.2972	.4989	.8222	603.7	3.513
SDev	.07	.1378	.2306	.0090	.2111	1.2	.007
%RSD	.5272	19.28	77.61	1.805	25.68	.2054	.1889
#1	12.30	.6170	.4603	.5053	.6729	602.9	3.518
#2	12.39	.8119	.1341	.4926	.9715	604.6	3.509

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.091	65.90	6.237	21.57	4.949
SDev	.006	.08	.150	.05	.001
%RSD	.5535	.1179	2.402	.2322	.0256
#1	1.086	65.84	6.343	21.54	4.948
#2	1.095	65.95	6.131	21.61	4.950

5/5/06
KAD

TS = 86.2%

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Method: ICP2 Sample Name: 227779-24 Operator: FBS
Run Time: 05/03/06 18:25:28
Comment: 128263
Code: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0316	3512.	.9380	.0907	13.39	.0739	58.31
SDev	.0092	29.	.2096	.0438	.05	.0029	.12
%RSD	29.03	.8260	22.35	48.24	.3975	3.872	.2124
#1	-.0381	3532.	.7898	.1217	13.43	.0718	58.39
#2	-.0251	3491.	1.086	.0598	13.35	.0759	58.22

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0105	.5622	4.499	1.821	3749.	80.40	83.99
SDev	.0036	.0056	.014	.003	17.	1.73	.33
%RSD	34.17	1.004	.3159	.1759	.4453	2.149	.3943
#1	.0131	.5582	4.489	1.823	3761.	79.18	84.23
#2	.0080	.5662	4.509	1.819	3737.	81.62	83.76

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.48	.1782	9.057	.9217	74.92	8.645	5.172
SDev	.13	.1948	.192	.0146	.41	.261	.098
%RSD	.3434	109.3	2.118	1.586	.5506	3.014	1.886
#1	37.57	.3160	9.192	.9113	75.21	8.461	5.241
#2	37.39	.0405	8.921	.9320	74.63	8.830	5.103

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.330	.2504	.2703	-.0486	.3999	517.1	3.722
SDev	.022	.2839	.6155	.2003	.5259	1.1	.152
%RSD	.3448	113.3	227.7	412.4	131.5	.2062	4.084
#1	6.314	.4512	-.1649	-.1902	.7718	517.9	3.829
#2	6.345	.0497	.7056	.0931	.0281	516.4	3.614

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.9304	60.13	4.387	10.23	3.430
SDev	.0043	.16	.017	.01	.021
%RSD	.4622	.2606	.3800	.1113	.6210
#1	.9334	60.24	4.375	10.24	3.445
#2	.9273	60.02	4.399	10.22	3.415

5/5/06 KCD

TS= 93.93%

Analysis Report 05/03/06 06:34:13 PM page 1

Method: ICP2 Sample Name: 227779-26 Operator: FBS
Run Time: 05/03/06 18:29:52
Comment: 128263
Code: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0929	6063.	1.733	.1066	51.20	.2728	120.7
SDev	.0675	27.	.086	.0009	.11	.0009	.3
%RSD	72.61	.4399	4.960	.8955	.2090	.3301	.2118
#1	-.0452	6082.	1.672	.1073	51.28	.2735	120.9
#2	-.1406	6045.	1.794	.1059	51.13	.2722	120.5

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0252	1.973	7.297	4.602	6278.	375.1	565.9
SDev	.0036	.039	.053	.035	16.	2.4	1.8
%RSD	14.44	1.959	.7242	.7709	.2614	.6369	.3207
#1	.0278	2.001	7.334	4.627	6290.	376.8	567.2
#2	.0226	1.946	7.260	4.577	6267.	373.5	564.6

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.7	.3053	15.03	2.485	126.7	17.01	11.24
SDev	.3	.1849	.04	.070	.1	.30	.13
%RSD	.2138	60.58	.2433	2.814	.0447	1.784	1.176
#1	127.9	.1745	15.05	2.435	126.7	17.22	11.14
#2	127.5	.4360	15.00	2.534	126.6	16.79	11.33

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.16	.5246	.2916	.0037	.7850	471.5	3.947
SDev	.01	.0582	.1131	.7251	.2752	.5	.177
%RSD	.0992	11.09	38.80	19740.	35.06	.1024	4.487
#1	13.17	.5657	.2116	.5164	.5904	471.9	3.822
#2	13.15	.4834	.3716	-.5091	.9796	471.2	4.072

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.731	219.4	7.077	14.80	12.17
SDev	.000	.4	.036	.05	.01
%RSD	.0240	.1815	.5063	.3236	.0810
#1	1.731	219.7	7.052	14.83	12.18
#2	1.731	219.1	7.102	14.77	12.16

515100
KAS

TS= 90.22%

Analysis Report QC Standard 05/03/06 06:40:56 PM page 1

Method: ICP2 Sample Name: CCV Operator: FBS
Run Time: 05/03/06 18:36:34
Comment: 128263
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9774	5.091	1.034	Q1.111	1.084	1.053	5.077
SDev	.0024	.007	.002	.004	.003	.002	.010
%RSD	.2426	.1401	.1540	.3593	.2890	.1931	.1942
#1	.9757	5.086	1.033	Q1.109	1.082	1.051	5.070
#2	.9790	5.096	1.036	Q1.114	1.086	1.054	5.084
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.081	1.071	1.035	1.053	4.931	5.477	5.134
SDev	.002	.003	.003	.002	.029	.009	.010
%RSD	.2263	.2513	.3076	.2011	.5896	.1677	.2010
#1	1.079	1.069	1.033	1.052	4.911	5.470	5.127
#2	1.083	1.073	1.038	1.055	4.952	5.483	5.141
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.030	1.025	1.074	1.096	1.022	1.014	1.066
SDev	.003	.005	.003	.002	.001	.002	.002
%RSD	.2577	.4725	.2441	.1547	.1414	.1997	.1584
#1	1.028	1.022	1.072	1.095	1.021	1.013	1.064
#2	1.031	1.028	1.076	1.097	1.023	1.016	1.067
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.049	1.035	1.054	1.037	1.034	1.054	1.006
SDev	.002	.003	.005	.003	.003	.010	.001
%RSD	.1717	.3030	.4731	.3017	.3037	.9906	.0628
#1	1.047	1.033	1.051	1.035	1.031	1.047	1.007
#2	1.050	1.037	1.058	1.039	1.036	1.062	1.006
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.060	1.028	1.051	1.037	1.028
SDev	.003	.003	.000	.002	.002
%RSD	.3084	.2911	.0179	.2354	.1904
#1	1.058	1.026	1.052	1.035	1.027
#2	1.063	1.031	1.051	1.038	1.030
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	10.00	10.00	10.00	10.00	10.00

Analysis Report Blank Sample 05/03/06 06:45:20 PM page 1

Method: ICP2 Sample Name: CCB Operator: FBS
Run Time: 05/03/06 18:40:59
Comment: 128263
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0082	.0008	.0016	.0004	.0002	.0062
SDev	.0004	.0045	.0003	.0015	.0001	.0001	.0004
%RSD	37.36	55.54	37.40	90.93	21.47	28.48	5.758
#1	.0007	.0114	.0006	.0027	.0004	.0002	.0065
#2	.0012	.0050	.0010	.0006	.0005	.0001	.0060

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0008	-.0004	.0020	-.0844	.0513	.0009
SDev	.0000	.0001	.0001	.0001	.0035	.0209	.0046
%RSD	8.213	11.99	31.89	6.091	4.115	40.63	525.5
#1	.0005	.0009	-.0005	.0020	-.0820	.0366	-.0024
#2	.0004	.0007	-.0003	.0019	-.0869	.0661	.0042

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0002	.0090	.0005	.0010	.0047	-.0023
SDev	.0000	.0001	.0005	.0001	.0018	.0007	.0008
%RSD	1.419	37.39	5.329	23.54	186.4	15.69	35.70
#1	.0001	-.0002	.0087	.0004	.0022	.0042	-.0017
#2	.0001	-.0001	.0093	.0006	-.0003	.0052	-.0028

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0004	.0035	.0044	-.0015	-.0018	.0013
SDev	.0003	.0020	.0031	.0014	.0023	.0018	.0007
%RSD	500.1	451.8	87.57	32.64	153.7	103.0	53.62
#1	.0003	-.0010	.0057	.0034	-.0032	-.0031	.0008
#2	-.0001	.0019	.0013	.0054	.0001	-.0005	.0018

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0006	.0005	.0007	.0010	-.0137
SDev	.0001	.0000	.0009	.0001	.0001
%RSD	9.024	5.216	128.1	10.14	.5500
#1	.0006	.0005	.0014	.0009	-.0137
#2	.0005	.0006	.0001	.0011	-.0138

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Method: ICP2 Sample Name: 227779-28 Operator: FBS
Run Time: 05/03/06 18:45:24
Comment: 128263
Code: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0497	3598.	1.108	.2249	13.72	.0711	186.3
SDev	.1192	50.	.023	.0872	.02	.0015	.1
%RSD	239.7	1.397	2.103	38.78	.1363	2.160	.0611
#1	-.0346	3562.	1.092	.1632	13.71	.0722	186.2
#2	.1340	3633.	1.125	.2866	13.73	.0700	186.4

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0036	.4825	5.647	3.731	5670.	101.3	73.88
SDev	.0286	.0048	.076	.004	.	3.0	.76
%RSD	789.8	1.003	1.342	.0978	.0069	2.927	1.033
#1	-.0239	.4791	5.593	3.729	5669.	99.21	73.34
#2	.0166	.4860	5.700	3.734	5670.	103.4	74.42

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.11	.1828	8.886	.6852	53.01	8.296	3.948
SDev	.01	.0893	.228	.1077	.72	.005	.099
%RSD	.0679	48.86	2.567	15.73	1.361	.0660	2.516
#1	21.12	.2460	8.725	.6090	52.50	8.292	3.878
#2	21.10	.1197	9.047	.7614	53.52	8.300	4.018

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.397	.7849	.7074	.6881	.8333	577.8	4.173
SDev	.068	.3437	.2028	.2226	.4042	.0	.055
%RSD	1.261	43.78	28.67	32.35	48.50	.0064	1.323
#1	5.349	.5419	.5640	.5307	.5475	577.8	4.134
#2	5.445	1.028	.8508	.8455	1.119	577.8	4.212

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.330	63.19	7.098	14.40	4.564
SDev	.003	.03	.684	.01	.002
%RSD	.2293	.0466	9.642	.0361	.0537
#1	1.328	63.21	6.614	14.39	4.562
#2	1.333	63.17	7.582	14.40	4.565

5/5/06
KAS

TS = 87.30%

Analysis Report 05/03/06 06:54:09 PM page 1

Method: ICP2 Sample Name: 227779-29 Operator: FBS
Run Time: 05/03/06 18:49:48
Comment: 128263
Mode: CONC Corr. Factor: 100

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.1046	5783.	1.203	.1415	17.94	.1213	16.67
SDev	.0026	19.	.051	.0025	.02	.0008	.02
%RSD	2.528	.3200	4.258	1.752	.1376	.6862	.1418
#1	-.1064	5796.	1.167	.1397	17.92	.1207	16.65
#2	-.1027	5770.	1.239	.1432	17.96	.1219	16.68

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0120	.4674	6.438	2.939	6424.	73.63	88.27
SDev	.0158	.0080	.008	.003	8.	1.14	.01
%RSD	131.4	1.705	.1200	.0891	.1220	1.553	.0079
#1	-.0009	.4730	6.443	2.937	6419.	72.83	88.28
#2	-.0232	.4618	6.432	2.940	6430.	74.44	88.27

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.399	.2062	5.445	1.034	73.46	15.92	10.04
SDev	.024	.1570	.088	.005	.59	.44	.28
%RSD	.2548	76.15	1.608	.5049	.7971	2.739	2.833
#1	9.382	.3172	5.507	1.030	73.05	15.61	10.25
#2	9.416	.0952	5.383	1.037	73.87	16.23	9.844

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.00	.5498	.2825	.6672	.4912	666.4	3.833
SDev	.04	.1559	.1115	.3343	.0667	2.3	.005
%RSD	.3698	28.35	39.48	50.11	13.57	.3508	.1349
#1	12.03	.4396	.3614	.4308	.4441	664.8	3.829
#2	11.97	.6601	.2037	.9035	.5383	668.1	3.836

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.7759	62.97	7.993	16.71	4.240
SDev	.0034	.03	.031	.02	.004
%RSD	.4369	.0412	.3869	.1076	.0945
#1	.7783	62.95	7.971	16.70	4.237
#2	.7735	62.99	8.015	16.72	4.243

TS=88.6

Analysis Report QC Standard 05/03/06 07:03:49 PM page 1

Method: ICP2 Sample Name: CCV Operator: FBS
Run Time: 05/03/06 18:58:36
Comment: 128263
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9720	5.061	1.022	Q1.109	1.080	1.046	5.069
SDev	.0010	.018	.002	.005	.001	.003	.004
%RSD	.1058	.3569	.2386	.4495	.1015	.2499	.0691
#1	.9713	5.048	1.020	Q1.105	1.079	1.044	5.067
#2	.9727	5.074	1.024	Q1.112	1.080	1.047	5.072
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.076	1.066	1.032	1.045	4.954	5.457	5.122
SDev	.002	.001	.002	.001	.019	.021	.003
%RSD	.1745	.1333	.1508	.0939	.3769	.3764	.0659
#1	1.075	1.065	1.031	1.045	4.967	5.471	5.120
#2	1.077	1.067	1.033	1.046	4.941	5.442	5.124
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.024	1.018	1.063	1.090	Q1.127	1.020	1.062
SDev	.001	.006	.002	.001	.041	.002	.001
%RSD	.1042	.5578	.1432	.1354	3.608	.2309	.1192
#1	1.024	1.014	1.062	1.089	Q1.155	1.019	1.063
#2	1.025	1.022	1.064	1.091	1.098	1.022	1.061
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.048	1.038	1.051	1.038	1.038	Q1.139	1.002
SDev	.000	.002	.003	.007	.001	.050	.001
%RSD	.0056	.1806	.2854	.6949	.0763	4.415	.0524
#1	1.048	1.037	1.048	1.033	1.039	Q1.175	1.003
#2	1.048	1.040	1.053	1.043	1.038	Q1.104	1.002
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Fail	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.055	1.025	1.049	1.032	1.019
SDev	.002	.002	.003	.001	.001
%RSD	.2154	.2362	.2897	.1402	.1329
#1	1.054	1.023	1.047	1.031	1.018
#2	1.057	1.027	1.051	1.033	1.020
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	10.00	10.00	10.00	10.00	10.00

Analysis Report Blank Sample 05/03/06 07:08:14 PM page 1

Method: ICP2 Sample Name: CCB Operator: FBS
Run Time: 05/03/06 19:03:52
omment: 128263
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0023	.0209	.0022	.0036	.0018	.0010	.0244
SDev	.0002	.0113	.0002	.0018	.0012	.0009	.0162
%RSD	7.470	54.06	8.691	49.28	67.94	89.49	66.31
#1	.0024	.0289	.0023	.0048	.0027	.0016	.0358
#2	.0021	.0129	.0021	.0023	.0009	.0004	.0129

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0014	.0022	.0011	.0034	-.0452	.0931	.0116
SDev	.0008	.0001	.0003	.0002	.0182	.0608	.0049
%RSD	59.87	6.176	25.35	5.246	40.34	65.32	42.00
#1	.0020	.0022	.0014	.0036	-.0323	.0501	.0151
#2	.0008	.0021	.0009	.0033	-.0581	.1361	.0082

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0016	.0037	.0153	.0022	.0098	.0031	-.0013
SDev	.0013	.0015	.0050	.0003	.0069	.0034	.0005
%RSD	83.54	40.11	32.60	13.45	70.70	106.8	34.72
#1	.0025	.0048	.0188	.0024	.0147	.0008	-.0010
#2	.0007	.0027	.0118	.0020	.0049	.0055	-.0016

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0040	.0038	.0044	.0038	.0082	.0030
SDev	.0008	.0013	.0016	.0061	.0050	.0009	.0002
%RSD	463.1	32.99	42.76	137.0	131.1	11.15	7.671
#1	-.0004	.0050	.0027	.0001	.0074	.0088	.0031
#2	.0008	.0031	.0049	.0087	.0003	.0075	.0028

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0018	.0069	.0019	-.0124
SDev	.0009	.0010	.0089	.0002	.0013
%RSD	58.49	54.56	129.4	11.97	10.30
#1	.0021	.0025	.0006	.0020	-.0115
#2	.0009	.0011	.0132	.0017	-.0133

Standardization Rpt. 05/03/06 10:20:47 AM

Method: ICP2 Standard: STDBLK
Run Time: 05/03/06 10:16:24

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.0081	.5170	-.0513	.0398	.0208	-.8757	.1436
SDev	.0179	.0155	.0682	.0038	.0043	.0060	.0050
%RSD	220.6	2.996	133.1	9.574	20.43	.6798	3.504
#1	-.0208	.5060	-.0995	.0371	.0238	-.8799	.1400
#2	.0046	.5279	-.0030	.0425	.0178	-.8715	.1471

Elem	Cd2265	Co2286	Cr	Cr	Cu	Cu	Fe2714
Avge	-.0023	-.0379	-.0123	.0137	.0150	-.0201	.0551
SDev	.0000	.0305	.0083	.0182	.0046	.0150	.0041
%RSD	.1461	80.51	67.33	133.6	30.57	74.61	7.435
#1	-.0023	-.0594	-.0182	.0008	.0117	-.0307	.0522
#2	-.0023	-.0163	-.0064	.0265	.0182	-.0095	.0580

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na5889	Ni	Ni
Avge	.2628	.0432	.0125	-.0078	11.43	-.0019	-.0292
SDev	.1496	.0081	.0016	.0056	.02	.0059	.0053
%RSD	56.92	18.75	13.00	72.54	.1579	311.7	18.22
#1	.1571	.0375	.0114	-.0038	11.41	-.0061	-.0329
#2	.3686	.0489	.0137	-.0118	11.44	.0023	-.0254

Elem	P_1782	2203/1	2203/2	Sb2068	1960/1	1960/2	Si2881
Avge	.2882	-.0492	.0511	-.0017	-.1125	.0299	.1131
SDev	.1046	.0883	.0080	.0313	.0732	.0091	.0031
%RSD	36.31	179.6	15.57	1863.	65.12	30.29	2.752
#1	.2142	-.1116	.0568	-.0238	-.1643	.0363	.1109
#2	.3622	.0133	.0455	.0205	-.0607	.0235	.1153

Elem	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn	Zn
Avge	-.0229	.2074	-.0231	-.0079	-.0076	.1231	.2209
SDev	.0227	.0086	.0043	.0091	.0155	.0002	.0035
%RSD	99.27	4.150	18.40	114.4	205.2	.1461	1.602
#1	-.0390	.2013	-.0261	-.0144	-.0185	.1230	.2184
#2	-.0068	.2135	-.0201	-.0015	.0034	.1233	.2234

Method: ICP2 Standard: CAL1
Run Time: 05/03/06 10:20:51

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.6850	9.510	43.16	7.070	53.42	134.3	8.492
SDev	.0117	.017	.12	.026	.13	.1	.010
%RSD	1.714	.1771	.2868	.3710	.2402	.0924	.1143
#1	.6933	9.522	43.07	7.051	53.33	134.2	8.485
#2	.6767	9.498	43.25	7.089	53.52	134.4	8.499

Elem	Cd2265	Co2286	Cr	Cr	Cu	Cu	Fe2714
Avge	7.960	21.30	.2596	8.997	2.938	7.224	1.709
SDev	.004	.01	.0052	.006	.005	.005	.005
%RSD	.0456	.0362	2.017	.0656	.1661	.0682	.2731
#1	7.957	21.30	.2633	8.993	2.934	7.228	1.705
#2	7.962	21.29	.2559	9.001	2.941	7.221	1.712

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na5889	Ni	Ni
Avge	13.29	5.355	7.205	4.142	38.90	.5179	12.17
SDev	.08	.001	.001	.043	.02	.0058	.03
%RSD	.5732	.0140	.0167	1.050	.0410	1.121	.2427
#1	13.35	5.354	7.204	4.111	38.89	.5137	12.15
#2	13.24	5.355	7.206	4.172	38.92	.5220	12.19

Elem	P_1782	2203/1	2203/2	Sb2068	1960/1	1960/2	Si2881
Avge	10.58	22.82	19.55	2.970	8.719	4.279	.9087
SDev	.09	.16	.02	.004	.159	.016	.0004
%RSD	.8410	.7035	.1194	.1318	1.821	.3756	.0492
#1	10.51	22.93	19.56	2.972	8.831	4.268	.9091
#2	10.64	22.71	19.53	2.967	8.607	4.290	.9084

Elem	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn	Zn
Avge	12.16	280.8	30.51	.7461	7.218	4.367	8.053
SDev	.00	.6	.04	.0224	.001	.011	.002
%RSD	.0137	.2280	.1298	3.007	.0204	.2421	.0290
#1	12.16	280.3	30.48	.7303	7.217	4.374	8.051
#2	12.16	281.2	30.54	.7620	7.219	4.359	8.054

Method: ICP2 Standard: CAL2
Run Time: 05/03/06 10:25:16

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	1.368	18.58	86.91	14.36	108.1	272.4	16.92
SDev	.004	.01	.11	.03	.2	.2	.01
%RSD	.2586	.0594	.1272	.2012	.1521	.0622	.0802
#1	1.365	18.58	86.83	14.34	108.0	272.2	16.91
#2	1.370	18.59	86.99	14.38	108.2	272.5	16.93

Elem	Cd2265	Co2286	Cr	Cr	Cu	Cu	Fe2714
Avge	16.03	42.84	.5166	18.06	5.919	14.53	3.427
SDev	.01	.00	.0002	.02	.005	.01	.005
%RSD	.0598	.0029	.0381	.1057	.0793	.0978	.1592
#1	16.02	42.84	.5167	18.05	5.922	14.52	3.423
#2	16.03	42.84	.5164	18.07	5.915	14.54	3.431

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na5889	Ni	Ni
Avge	25.86	10.76	14.46	8.339	65.33	1.031	24.65
SDev	.00	.00	.00	.022	.01	.001	.04
%RSD	.0131	.0197	.0082	.2636	.0100	.1168	.1759
#1	25.85	10.76	14.46	8.324	65.34	1.032	24.62
#2	25.86	10.76	14.46	8.355	65.33	1.031	24.68

Elem	P_1782	2203/1	2203/2	Sb2068	1960/1	1960/2	Si2881
Avge	21.71	45.63	39.34	5.971	17.56	8.538	1.707
SDev	.24	.06	.07	.018	.02	.009	.003
%RSD	1.093	.1217	.1771	.3063	.0882	.1108	.1808
#1	21.54	45.67	39.29	5.958	17.55	8.532	1.709
#2	21.88	45.59	39.39	5.983	17.57	8.545	1.705

Elem	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn	Zn
Avge	24.37	573.8	61.61	1.577	14.56	8.348	15.47
SDev	.02	1.0	.04	.004	.03	.000	.01
%RSD	.0618	.1679	.0725	.2612	.2295	.0057	.0580
#1	24.36	573.1	61.58	1.580	14.54	8.348	15.47
#2	24.38	574.5	61.64	1.574	14.58	8.347	15.48

Standardization Rpt. 05/03/06 10:34:03 AM

Method: ICP2 Standard: CAL3
Run Time: 05/03/06 10:29:42

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	2.743	37.05	173.8	29.05	218.4	547.6	33.69
SDev	.001	.01	.2	.14	.1	.0	.02
%RSD	.0336	.0185	.1226	.4784	.0647	.0073	.0517
#1	2.742	37.04	173.6	28.95	218.3	547.5	33.71
#2	2.743	37.05	174.0	29.15	218.5	547.6	33.68

Elem	Cd2265	Co2286	Cr	Cr	Cu	Cu	Fe2714
Avge	32.03	85.47	1.032	36.09	11.80	29.18	6.857
SDev	.00	.06	.000	.03	.01	.03	.010
%RSD	.0145	.0699	.0032	.0783	.0657	.1007	.1426
#1	32.03	85.51	1.032	36.11	11.81	29.16	6.864
#2	32.04	85.42	1.032	36.07	11.80	29.21	6.850

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na5889	Ni	Ni
Avge	50.17	21.55	28.85	16.77	120.2	2.042	49.51
SDev	.06	.02	.02	.03	.0	.008	.09
%RSD	.1136	.0931	.0537	.2020	.0030	.3873	.1762
#1	50.21	21.56	28.86	16.75	120.2	2.047	49.45
#2	50.13	21.54	28.83	16.79	120.2	2.036	49.57

Elem	P_1782	2203/1	2203/2	Sb2068	1960/1	1960/2	Si2881
Avge	43.63	90.70	78.57	11.97	34.83	17.00	3.296
SDev	.01	.25	.14	.03	.07	.10	.002
%RSD	.0147	.2735	.1773	.2350	.2048	.6109	.0548
#1	43.62	90.88	78.47	11.95	34.88	16.93	3.294
#2	43.63	90.53	78.67	11.99	34.78	17.08	3.297

Elem	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn	Zn
Avge	48.70	1178.	124.1	3.247	29.21	16.22	30.10
SDev	.08	1.	.0	.030	.01	.01	.00
%RSD	.1670	.0568	.0335	.9189	.0241	.0326	.0060
#1	48.76	1177.	124.1	3.226	29.22	16.23	30.10
#2	48.65	1178.	124.2	3.268	29.21	16.22	30.10

ethod: ICP2 Standard: CALHIGH
Run Time: 05/03/06 10:34:07

Elem	Cr	Cu	Ni	Zn
Avge	29.04	318.0	55.22	419.3
SDev	1.43	15.5	2.72	20.3
%RSD	4.939	4.871	4.929	4.831
#1	30.05	328.9	57.15	433.7
#2	28.02	307.0	53.30	405.0

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ethod: ICP2 Slope = Conc(SIR)/IR

lement	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
g3280	328.068	Multiple	Standards	.072592	.000589	05/03/06 10:29:42
Al3082	308.215	Multiple	Standards	.277280	-.143205	05/03/06 10:29:42
As1890	189.042	Multiple	Standards	.011526	.000603	05/03/06 10:29:42
_2496	249.678	Multiple	Standards	.069977	-.002725	05/03/06 10:29:42
a4934	493.409	Multiple	Standards	.009257	-.000151	05/03/06 10:29:42
Be3130	313.042	Multiple	Standards	.003644	.003219	05/03/06 10:29:42
a3179	317.933	Multiple	Standards	.298584	-.042824	05/03/06 10:29:42
d2265	226.502	Multiple	Standards	.062523	.000155	05/03/06 10:29:42
Co2286	228.616	Multiple	Standards	.023439	.000893	05/03/06 10:29:42
r	267.716	Multiple	Standards	.055510	-.000749	05/03/06 10:29:42
r	298.919	Multiple	Standards	2.12379	.024943	05/03/06 10:34:07
u	324.754	Multiple	Standards	.068724	.001394	05/03/06 10:29:42
Cu	221.810	Multiple	Standards	.192283	-.003978	05/03/06 10:34:07
e2714	271.441	Multiple	Standards	1.49203	-.081977	05/03/06 10:29:42
_7664	766.491	Multiple	Standards	.391640	-.103738	05/03/06 10:29:42
Mg2790	279.078	Multiple	Standards	.467348	-.020067	05/03/06 10:29:42
n2576	257.610	Multiple	Standards	.069374	-.000862	05/03/06 10:29:42
o2020	202.030	Multiple	Standards	.119829	.000952	05/03/06 10:29:42
Na5889	588.989	Multiple	Standards	.018382	-.210063	05/03/06 10:29:42
Ni	231.604	Multiple	Standards	.040626	.001214	05/03/06 10:29:42
i	243.789	Multiple	Standards	1.09795	.000905	05/03/06 10:34:07
_1782	178.287	Multiple	Standards	.047110	-.013475	05/03/06 10:29:42
2203/1	220.351	Multiple	Standards	.021954	.001066	05/03/06 10:29:42
203/2	220.352	Multiple	Standards	.025516	-.001290	05/03/06 10:29:42
b2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.169022	.000299	05/03/06 10:29:42
960/1	196.021	Multiple	Standards	.056578	.006345	05/03/06 10:29:42
960/2	196.022	Multiple	Standards	.117636	-.003522	05/03/06 10:29:42
Si2881	288.158	Multiple	Standards	.654548	-.074023	05/03/06 10:29:42
n1899	189.989	Multiple	Standards	.041028	.000940	05/03/06 10:29:42
r4215	421.552	Multiple	Standards	.001740	-.000272	05/03/06 10:29:42
Ti3349	334.941	Multiple	Standards	.016240	.000406	05/03/06 10:29:42
l1908	190.864	Multiple	Standards	.619776	.005069	05/03/06 10:29:42
_2924	292.402	Multiple	Standards	.068630	.000541	05/03/06 10:29:42
Zn	213.856	Multiple	Standards	.065884	-.014643	05/03/06 10:29:42
Zn	206.200	Multiple	Standards	.138318	-.018358	05/03/06 10:34:07

Standardization Readback Report 05/03/06 10:37:58 AM page 1

Method: ICP2

lement	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
g3280	328.068	STDBLK	.000000	-.000002	.000002
		CAL1	.050000	.050314	-.000314
		CAL2	.100000	.099879	.000121
		CAL3	.200000	.199690	.000310

CorCoef: 1.00000

lement	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
l3082	308.215	STDBLK	.000000	.000138	-.000138
		CAL1	2.50000	2.49378	.006223
		CAL2	5.00000	5.00947	-.009469
		CAL3	10.0000	10.1292	-.129194

CorCoef: 0.99998

lement	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
s1890	189.042	STDBLK	.000000	.000012	-.000012
		CAL1	.500000	.498035	.001965
		CAL2	1.00000	1.00231	-.002310
		CAL3	2.00000	2.00381	-.003805

CorCoef: 1.00000

lement	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STDBLK	.000000	.000059	-.000059
		CAL1	.500000	.492011	.007989
		CAL2	1.00000	1.00196	-.001957
		CAL3	2.00000	2.03004	-.030041

CorCoef: 0.99996

lement	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STDBLK	.000000	.000041	-.000041
		CAL1	.500000	.494417	.005583
		CAL2	1.00000	1.00036	-.000357
		CAL3	2.00000	2.02162	-.021620

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STDBLK	.000000	.000028	-.000028
		CAL1	.500000	.492469	.007531
		CAL2	1.00000	.995711	.004289
		CAL3	2.00000	1.99855	.001453

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	STDBLK	.000000	.000049	-.000049
		CAL1	2.50000	2.49276	.007242
		CAL2	5.00000	5.01016	-.010165
		CAL3	10.0000	10.0177	-.017692

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STDBLK	.000000	.000012	-.000012
		CAL1	.500000	.497816	.002184
		CAL2	1.00000	1.00226	-.002259
		CAL3	2.00000	2.00289	-.002892

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STDBLK	.000000	.000005	-.000005
		CAL1	.500000	.500122	-.000122
		CAL2	1.00000	1.00507	-.005072
		CAL3	2.00000	2.00412	-.004117

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr	267.716	STDBLK	.000000	.000009	-.000009
		CAL1	.500000	.498654	.001346
		CAL2	1.00000	1.00170	-.001696
		CAL3	2.00000	2.00286	-.002855

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe	298.919	STDBLK	.000000	-.001194	.001194
		CAL1	.500000	.576250	-.076250
		CAL2	1.00000	1.12206	-.122055
		CAL3	2.00000	2.21693	-.216929
		CALHIGH	100.000	61.6981	38.3019

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn	324.754	STDBLK	.000000	.000015	-.000015
		CAL1	.500000	.497890	.002110
		CAL2	1.00000	.999764	.000236
		CAL3	2.00000	2.00707	-.007071

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu	221.810	STDBLK	.000000	-.001100	.001100
		CAL1	.500000	.560893	-.060893
		CAL2	1.00000	1.13408	-.134084
		CAL3	2.00000	2.26545	-.265454
		CALHIGH	100.000	61.1402	38.8598

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STDBLK	.000000	.000273	-.000273
		CAL1	2.50000	2.46735	.032650
		CAL2	5.00000	5.03154	-.031542
		CAL3	10.0000	10.1486	-.148563

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
K_7664	766.491	STDBLK	.000000	-.000797	.000797
		CAL1	5.00000	5.10250	-.102502
		CAL2	10.0000	10.0227	-.022670
		CAL3	20.0000	19.5447	.455347

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
g2790	279.078	STDBLK	.000000	.000120	-.000120
		CAL1	2.50000	2.48237	.017634
		CAL2	5.00000	5.00949	-.009489
		CAL3	10.0000	10.0511	-.051057

orCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
n2576	257.610	STDBLK	.000000	.000005	-.000005
		CAL1	.500000	.498979	.001021
		CAL2	1.00000	1.00239	-.002393
		CAL3	2.00000	2.00025	-.000246

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
b2020	202.030	STDBLK	.000000	.000020	-.000020
		CAL1	.500000	.497226	.002774
		CAL2	1.00000	1.00025	-.000248
		CAL3	2.00000	2.01060	-.010600

orCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
a5889	588.989	STDBLK	.000000	-.000026	.000026
		CAL1	.500000	.505072	-.005072
		CAL2	1.00000	.990888	.009112
		CAL3	2.00000	1.99908	.000921

orCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
i	231.604	STDBLK	.000000	.000029	-.000029
		CAL1	.500000	.495767	.004233
		CAL2	1.00000	1.00252	-.002524
		CAL3	2.00000	2.01259	-.012585

orCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
i	243.789	STDBLK	.000000	-.001170	.001170
		CAL1	.500000	.569485	-.069485
		CAL2	1.00000	1.13338	-.133379
		CAL3	2.00000	2.24267	-.242669
		CALHIGH	100.000	60.6317	39.3683

orCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
P_1782	178.287	STDBLK	.000000	.000102	-.000102
		CAL1	.500000	.484824	.015176
		CAL2	1.00000	1.00941	-.009409
		CAL3	2.00000	2.04188	-.041883

orCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STDBLK	.000000	-.000014	.000014
		CAL1	.500000	.502075	-.002075
		CAL2	1.00000	1.00282	-.002823
		CAL3	2.00000	1.99243	.007568

orCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STDBLK	.000000	.000015	-.000015
		CAL1	.500000	.497436	.002564
		CAL2	1.00000	1.00258	-.002578
		CAL3	2.00000	2.00338	-.003383

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
b2203	220.353	NONE	.000000	.000000	.000000
		NONE	10.0000	.000000	10.0000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
e1960	196.026	NONE	.000000	.000000	.000000
		NONE	10.0000	.000000	10.0000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STDBLK	.000000	.000014	-.000014
		CAL1	.500000	.502225	-.002225
		CAL2	1.00000	1.00945	-.009450
		CAL3	2.00000	2.02351	-.023512

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
960/1	196.021	STDBLK	.000000	-.000018	.000018
		CAL1	.500000	.499655	.000345
		CAL2	1.00000	.999890	.000110
		CAL3	2.00000	1.97675	.023251

orCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
960/2	196.022	STDBLK	.000000	-.000002	.000002
		CAL1	.500000	.499848	.000152
		CAL2	1.00000	1.00089	-.000894
		CAL3	2.00000	1.99669	.003314

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
i2881	288.158	STDBLK	.000000	.000001	-.000001
		CAL1	.500000	.520793	-.020793
		CAL2	1.00000	1.04317	-.043175
		CAL3	2.00000	2.08309	-.083085

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
n1899	189.989	STDBLK	.000000	-.000000	.000000
		CAL1	.500000	.499898	.000102
		CAL2	1.00000	1.00062	-.000624
		CAL3	2.00000	1.99916	.000839

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
r4215	421.552	STDBLK	.000000	.000089	-.000089
		CAL1	.500000	.488405	.011595
		CAL2	1.00000	.998388	.001612
		CAL3	2.00000	2.04960	-.049603

orCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
i3349	334.941	STDBLK	.000000	.000031	-.000031
		CAL1	.500000	.495923	.004077
		CAL2	1.00000	1.00096	-.000958
		CAL3	2.00000	2.01622	-.016222

orCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
l1908	190.864	STDBLK	.000000	.000142	-.000142
		CAL1	.500000	.467501	.032499
		CAL2	1.00000	.982282	.017718
		CAL3	2.00000	2.01723	-.017233

orCoef: 0.99978

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
_2924	292.402	STDBLK	.000000	.000021	-.000021
		CAL1	.500000	.495888	.004112
		CAL2	1.00000	.999810	.000190
		CAL3	2.00000	2.00528	-.005279

orCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn	213.856	STDBLK	.000000	-.000091	.000091
		CAL1	.500000	.515897	-.015897
		CAL2	1.00000	1.00481	-.004811
		CAL3	2.00000	1.96843	.031575

orCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn	206.200	STDBLK	.000000	-.001327	.001327
		CAL1	.500000	.585617	-.085617
		CAL2	1.00000	1.13626	-.136261
		CAL3	2.00000	2.22536	-.225355
		CALHIGH	100.000	57.9828	42.0172

CorCoef: 0.99988

Analysis Report QC Standard 05/03/06 10:43:33 AM page 1

Method: ICP2 Sample Name: ICV Operator:
Run Time: 05/03/06 10:39:12
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.9406	4.917	.9940	1.036	1.028	1.010	4.898
SDev	.0026	.002	.0014	.004	.002	.002	.014
%RSD	.2709	.0470	.1424	.3699	.2110	.2297	.2802
#1	Q.9388	4.916	.9930	1.033	1.026	1.008	4.888
#2	Q.9424	4.919	.9950	1.039	1.029	1.012	4.908
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	5.000	1.000	1.000	1.000	1.000	5.000
Range	5.000	5.000	5.000	5.000	5.000	5.000	5.000

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.028	1.039	1.008	1.014	4.826	5.158	4.917
SDev	.002	.003	.003	.002	.007	.049	.014
%RSD	.2135	.2691	.2784	.1485	.1376	.9416	.2879
#1	1.027	1.037	1.006	1.013	4.821	5.124	4.907
#2	1.030	1.041	1.010	1.015	4.831	5.192	4.927
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	5.000	5.000	5.000
Range	5.000	5.000	5.000	5.000	5.000	5.000	5.000

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9998	1.011	.9978	1.020	Q1.053	.9858	1.003
SDev	.0016	.004	.0019	.003	.002	.0055	.005
%RSD	.1649	.4079	.1865	.3337	.1583	.5620	.5326
#1	.9987	1.008	.9965	1.017	Q1.052	.9819	.9994
#2	1.001	1.014	.9991	1.022	Q1.054	.9898	1.007
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	5.000	5.000	5.000	5.000	5.000		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9974	1.004	1.026	1.002	1.005	1.019	.9675
SDev	.0054	.005	.004	.008	.004	.016	.0030
%RSD	.5423	.5298	.4270	.7781	.4060	1.600	.3095
#1	.9935	1.000	1.023	.9968	1.002	1.008	.9654
#2	1.001	1.008	1.029	1.008	1.008	1.031	.9696
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	5.000	5.000	5.000			5.000	5.000

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.010	.9952	.9845	.9955	.9764
SDev	.002	.0026	.0114	.0034	.0020
%RSD	.2189	.2582	1.155	.3376	.2029
#1	1.008	.9934	.9765	.9931	.9750
#2	1.011	.9970	.9925	.9979	.9778
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	5.000	5.000	5.000	5.000	5.000

Analysis Report Blank Sample 05/03/06 10:50:16 AM page 1

ethod: ICP2 Sample Name: ICB Operator:
Run Time: 05/03/06 10:45:55
Comment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0028	-.0003	.0008	.0002	-.0001	.0015
SDev	.0007	.0033	.0010	.0014	.0003	.0000	.0003
%RSD	139.9	118.9	296.9	169.2	130.9	2.921	22.67
#1	-.0000	-.0052	.0004	.0018	.0004	-.0001	.0017
#2	-.0010	-.0004	-.0010	-.0002	.0000	-.0001	.0013

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0003	.0013	.0007	-.0811	-.0074	-.0001
SDev	.0002	.0001	.0006	.0001	.0210	.0109	.0058
%RSD	132.3	54.86	42.21	10.19	25.84	147.5	4344.
#1	.0003	-.0002	.0017	.0008	-.0663	.0003	.0040
#2	.0000	-.0004	.0009	.0007	-.0959	-.0151	-.0042

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0006	.0007	.0006	.0074	.0006	-.0001
SDev	.0001	.0015	.0021	.0010	.0006	.0046	.0001
%RSD	23.80	246.8	306.0	180.8	8.691	793.1	89.86
#1	-.0003	.0017	.0022	.0013	.0070	-.0027	-.0001
#2	-.0004	-.0004	-.0008	-.0002	.0079	.0038	-.0000

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0012	-.0005	.0029	.0004	-.0047	.0006
SDev	.0016	.0007	.0003	.0046	.0012	.0090	.0013
%RSD	1081.	59.23	59.97	156.3	325.1	193.1	214.1
#1	-.0010	.0007	-.0003	-.0003	.0012	.0017	.0015
#2	.0012	.0017	-.0008	.0062	-.0005	-.0110	-.0003

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0001	.0174	.0001	-.0105
SDev	.0001	.0004	.0044	.0003	.0001
%RSD	58.01	694.1	25.17	234.8	1.145
#1	.0003	.0003	.0205	.0004	-.0104
#2	.0001	-.0002	.0143	-.0001	-.0106

Analysis Report QC Standard 05/03/06 10:55:49 AM page 1

Method: ICP2 Sample Name: CRDL Operator:
Run Time: 05/03/06 10:51:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0109	Q.1425	.0313	.0418	Q.0109	Q.0048	.0504
SDev	.0003	.0014	.0006	.0003	.0000	.0000	.0003
%RSD	2.695	.9653	1.885	.6978	.1700	.2802	.5848
#1	.0106	Q.1435	.0308	.0420	Q.0109	Q.0048	.0506
#2	.0111	Q.1415	.0317	.0416	Q.0109	Q.0048	.0502
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass
Value	.0100	.1000	.0300	.0400	.0400	.0400	.0500
Range	30.00	30.00	30.00	30.00	30.00	30.00	30.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0051	.0433	.0105	.0221	Q.0826	.2491	.0520
SDev	.0000	.0002	.0001	.0000	.0069	.0261	.0011
%RSD	.7180	.4953	.9267	.1214	8.292	10.46	2.139
#1	.0052	.0431	.0105	.0221	Q.0777	.2307	.0512
#2	.0051	.0434	.0104	.0221	Q.0874	Q.2676	.0528
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.0050	.0400	.0100	.0200	.0400	.2000	.0500
Range	30.00	30.00	30.00	30.00	30.00	30.00	30.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0411	.0417	.0527	.0224	.1974	.0276	.0245
SDev	.0001	.0026	.0002	.0008	.0025	.0016	.0010
%RSD	.2684	6.101	.4609	3.478	1.278	5.754	4.131
#1	.0411	.0435	.0525	.0229	.1992	.0265	.0252
#2	.0412	.0399	.0529	.0218	.1956	.0287	.0238
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0400	.0400	.0500	.0200	.2000		
Range	30.00	30.00	30.00	30.00	30.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.0255	.0431	.0269	.0451	.0420	.0368	.0431
SDev	.0001	.0019	.0011	.0013	.0023	.0021	.0014
%RSD	.5669	4.469	4.011	2.760	5.387	5.654	3.253
#1	Q.0256	.0417	.0276	.0443	.0404	.0353	.0422
#2	Q.0254	.0444	.0261	.0460	.0436	.0383	.0441
Errors	QC Fail	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.2000	.0400	.0250			.0400	.0400
Range	30.00	50.00	50.00			30.00	30.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	.0099	.0517	.1614	.0211	.0211
SDev	.0000	.0002	.0067	.0005	.0002
%RSD	.0401	.3596	4.171	2.355	1.014
#1	.0100	.0516	.1567	.0208	.0213
#2	.0099	.0519	.1662	.0215	.0210
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0100	.0500	.2000	.0200	.0200
Range	30.00	30.00	50.00	30.00	30.00

Analysis Report QC Standard 05/03/06 11:00:14 AM page 1

ethod: ICP2 Sample Name: ICSA Operator:
Run Time: 05/03/06 10:55:53
Comment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	488.1	.0010	.0200	.0020	-.0002	468.8
SDev	.0005	.7	.0002	.0011	.0001	.0000	.0
%RSD	48.59	.1338	20.59	5.621	4.095	5.059	.0052
#1	.0007	487.6	.0008	.0192	.0019	-.0002	468.8
#2	.0014	488.6	.0011	.0208	.0020	-.0002	468.8
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	500.0	.0000	.0000	.0000	.0000	500.0
Range	.0100	100.0	.0300	.0400	.0400	.0400	100.0

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	Q-.0101	-.0013	-.0024	196.9	.0482	542.3
SDev	.0000	.0006	.0004	.0005	.1	.0462	.3
%RSD	25.57	6.334	28.44	21.81	.0443	95.77	.0595
#1	-.0001	Q-.0106	-.0016	-.0028	196.9	.0156	542.0
#2	-.0001	-.0097	-.0010	-.0021	197.0	.0809	542.5
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	200.0	.0000	500.0
Range	.0050	.0100	.0100	.0200	40.00	.2000	100.0

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0018	-.0003	.0314	-.0004	.0159	.3495	-.1686
SDev	.0001	.0004	.0019	.0000	.0006	.0019	.0016
%RSD	3.850	131.4	6.149	10.03	3.996	.5454	.9542
#1	.0018	-.0006	.0300	-.0004	.0154	.3481	-.1697
#2	.0019	-.0000	.0328	-.0004	.0163	.3508	-.1674
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000	.0000	.0000	.0000	.0000		
Range	.0400	.0400	.0500	.0200	.0400		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0041	.0020	.0105	-.0027	.0044	.0264	.0039
SDev	.0017	.0021	.0054	.0015	.0024	.0037	.0022
%RSD	41.70	105.0	51.66	57.02	55.96	13.90	57.73
#1	.0029	.0005	.0067	-.0037	.0026	.0238	.0055
#2	.0053	.0036	.0143	-.0016	.0061	.0290	.0023
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.0000	.0000	.0000			.0000	.0000
Range	.0400	.0400	.0250			.0400	.0400

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	.0063	-.0025	Q.2339	-.0030	-.0153
SDev	.0000	.0002	.0035	.0006	.0002
%RSD	.1204	7.055	1.488	18.67	1.029
#1	.0063	-.0026	Q.2314	-.0034	-.0152
#2	.0063	-.0023	Q.2363	-.0026	-.0154
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.2000	.0200	.0200

Analysis Report QC Standard 05/03/06 11:04:38 AM page 1

Method: ICP2 Sample Name: ICSAB Operator:
Run Time: 05/03/06 11:00:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.074	486.8	1.060	1.158	1.135	1.055	468.3
SDev	.020	5.4	.024	.025	.020	.019	7.7
%RSD	1.837	1.104	2.246	2.191	1.778	1.798	1.652
#1	1.060	483.0	1.043	1.140	1.121	1.041	462.8
#2	1.088	490.6	1.077	1.176	1.149	1.068	473.8
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	500.0	1.000	1.000	1.000	1.000	500.0
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.035	1.005	1.030	1.105	198.6	Q1.406	544.4
SDev	.018	.018	.020	.020	3.6	.029	9.5
%RSD	1.760	1.834	1.904	1.838	1.803	2.050	1.745
#1	1.023	.9915	1.017	1.091	196.0	Q1.385	537.7
#2	1.048	1.018	1.044	1.119	201.1	Q1.426	551.1
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	1.000	1.000	1.000	1.000	200.0	1.000	500.0
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.045	1.059	1.172	1.016	.9944	1.347	.8474
SDev	.019	.020	.024	.018	.0198	.023	.0026
%RSD	1.790	1.893	2.069	1.754	1.995	1.711	.3105
#1	1.032	1.045	1.155	1.004	.9804	1.331	.8492
#2	1.059	1.073	1.189	1.029	1.008	1.363	.8455
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	1.000	1.000	1.000	1.000		
Range	20.00	20.00	20.00	20.00	20.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.014	1.071	1.127	1.056	1.079	1.085	1.004
SDev	.006	.011	.025	.021	.006	.020	.023
%RSD	.5845	1.049	2.203	2.035	.5664	1.886	2.317
#1	1.010	1.063	1.110	1.040	1.075	1.071	.9877
#2	1.018	1.079	1.145	1.071	1.083	1.100	1.021
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.000	1.000	1.000			1.000	1.000
Range	20.00	20.00	20.00			20.00	20.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	1.067	1.035	1.137	1.033	1.049
SDev	.020	.019	.087	.020	.019
%RSD	1.832	1.799	7.656	1.916	1.816
#1	1.053	1.022	1.075	1.019	1.035
#2	1.081	1.048	1.198	1.047	1.062
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	1.000	1.000	1.000	1.000
Range	20.00	20.00	20.00	20.00	20.00

Analysis Report QC Standard 05/03/06 11:11:20 AM page 1

Method: ICP2 Sample Name: CCVHIGH Operator:
Run Time: 05/03/06 11:06:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.2074	10.54	2.068	2.187	2.128	2.088	10.41
SDev	.0004	.01	.002	.002	.001	.003	.02
%RSD	.2105	.1319	.1020	.0835	.0503	.1261	.1920
#1	.2070	10.55	2.069	2.186	2.128	2.090	10.42
#2	.2077	10.53	2.066	2.189	2.127	2.087	10.40
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.2000	10.00	2.000	2.000	2.000	2.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.106	2.057	2.059	2.090	10.53	20.06	10.56
SDev	.003	.002	.005	.001	.02	.03	.02
%RSD	.1211	.0823	.2382	.0289	.2036	.1663	.1989
#1	2.108	2.058	2.063	2.091	10.55	20.08	10.58
#2	2.104	2.056	2.056	2.090	10.52	20.04	10.55
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.000	2.000	2.000	2.000	10.00	20.00	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.059	2.057	2.068	2.138	2.049	2.040	2.095
SDev	.004	.001	.004	.000	.006	.002	.000
%RSD	.1890	.0243	.1940	.0154	.3105	.0739	.0129
#1	2.062	2.056	2.070	2.138	2.045	2.039	2.096
#2	2.056	2.057	2.065	2.138	2.054	2.042	2.095
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	2.000	2.000	2.000	2.000	2.000		
Range	10.00	10.00	10.00	10.00	10.00		

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.077	2.055	2.083	2.040	2.062	2.082	2.047
SDev	.000	.001	.003	.001	.001	.006	.000
%RSD	.0155	.0430	.1489	.0429	.0430	.2877	.0098
#1	2.077	2.054	2.085	2.039	2.061	2.078	2.047
#2	2.077	2.055	2.081	2.041	2.063	2.086	2.047
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	2.000	2.000	2.000			2.000	2.000
Range	10.00	10.00	10.00			10.00	10.00

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn

Units	ppm	ppm	ppm	ppm	ppm
Avge	2.142	2.096	2.077	2.080	2.034
SDev	.001	.001	.026	.003	.002
%RSD	.0381	.0587	1.246	.1255	.0812
#1	2.142	2.097	2.058	2.082	2.036
#2	2.141	2.095	2.095	2.078	2.033
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.000	2.000	2.000	2.000	2.000
Range	10.00	10.00	10.00	10.00	10.00

Analysis Report Blank Sample 05/03/06 11:18:02 AM page 1

Method: ICP2 Sample Name: CCB-01 Operator:
Run Time: 05/03/06 11:13:41
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0125	.0012	.0030	.0004	.0000	.0131
SDev	.0001	.0030	.0001	.0012	.0001	.0000	.0004
%RSD	39.29	24.05	9.713	41.56	19.66	109.9	3.206
#1	.0004	.0146	.0011	.0038	.0004	.0001	.0134
#2	.0002	.0104	.0012	.0021	.0003	.0000	.0129

Elem	Cd2265	Co2286	Cr	Cu	Fe2714	K_7664	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0008	-.0001	.0018	-.0695	.0474	.0128
SDev	.0001	.0003	.0002	.0001	.0053	.0118	.0038
%RSD	27.37	35.31	236.9	8.510	7.616	24.78	29.42
#1	.0004	.0010	.0000	.0019	-.0658	.0557	.0154
#2	.0003	.0006	-.0002	.0017	-.0733	.0391	.0101

Elem	Mn2576	Mo2020	Na5889	Ni	P_1782	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0017	.0062	.0018	.0021	.0011	-.0003
SDev	.0001	.0004	.0004	.0001	.0008	.0000	.0015
%RSD	37.83	21.17	5.957	8.827	40.26	2.832	503.6
#1	-.0001	.0015	.0064	.0019	.0027	.0011	.0008
#2	-.0002	.0020	.0059	.0016	.0015	.0011	-.0014

Elem	Pb2203	Se1960	Sb2068	1960/1	1960/2	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0045	-.0006	.0024	.0055	.0024	.0020
SDev	.0010	.0036	.0006	.0035	.0036	.0018	.0012
%RSD	639.7	79.55	89.77	146.1	65.26	74.07	57.04
#1	.0009	.0020	-.0010	-.0001	.0030	.0036	.0028
#2	-.0006	.0070	-.0002	.0048	.0081	.0011	.0012

Elem	Sr4215	Ti3349	Tl1908	V_2924	Zn
Units	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0003	.0246	.0003	-.0134
SDev	.0000	.0002	.0009	.0001	.0001
%RSD	14.15	74.45	3.576	28.65	.5033
#1	.0003	.0005	.0240	.0002	-.0133
#2	.0003	.0002	.0252	.0003	-.0134

Volatiles

Sample # 227779

Injection Log

Directory: d:\hpdata\032406

ne	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
	1	b21856.d	1.	VIBLK	ISSS	24 Mar 06 07:5
	2	b21857.d	1.	VIBLK	ISSS	24 Mar 06 08:1
	3	b21858.d	1.	VIBLK	ISSS	24 Mar 06 08:3
4	4	b21859.d	1.	VIBLK	ISSS	24 Mar 06 08:5
	5	b21860.d	1.	VIBLK	ISSS	24 Mar 06 09:2
	6	b21861.d	1.	VIBLK	ISSS	24 Mar 06 09:4
	7	b21862.d	1.	VIBLK	ISSS	24 Mar 06 10:0
8	8	b21863.d	1.	VSTD	ISSS	24 Mar 06 10:2
	1	b21864.d	1.	VBLK	ISSS	24 Mar 06 11:3
0	2	b21865.d	1.	VBLK	ISSS	24 Mar 06 11:5
11	3	b21866.d	1.	VBLK	ISSS	24 Mar 06 12:1
2	4	b21867.d	1.	VBLK	ISSS	24 Mar 06 12:3
3	5	b21868.d	1.	VBLK	ISSS	24 Mar 06 12:5
14	6	b21869.d	1.	VBLK	ISSS	24 Mar 06 13:1
15	7	b21870.d	1.	VBLK	ISSS	24 Mar 06 13:[illegible]
6	8	b21871.d	1.	VBLK	ISSS	24 Mar 06 [illegible]
7	9	b21872.d	1.	VBLK	ISSS	24 Mar 06 14:2
18	10	b21873.d	1.	VBLK	ISSS	24 Mar 06 14:4
19	11	b21874.d	1.	VSTD-0.5/1PPB	ISSS+VOC (1:10)	24 Mar 06 15:0
0	12	b21875.d	1.	VSTD-0.5/1PPB	ISSS+VOC (1:10)	24 Mar 06 15:2
21	13	b21876.d	1.	VSTD-1/2PPB	ISSS+VOC (1:10)	24 Mar 06 15:4
22	14	b21877.d	1.	VSTD-1/2PPB	ISSS+VOC (1:10)	24 Mar 06 16:0
3	15	b21878.d	1.	VSTD-2/4PPB	ISSS+VOC,AA,SS (1:10)	24 Mar 06 16:2
4	16	b21879.d	1.	VSTD-2/4PPB	ISSS+VOC,AA,SS (1:10)	24 Mar 06 16:4
25	17	b21880.d	1.	VSTD-5/10PPB	ISSS+VOC,AA,SS (1:10)	24 Mar 06 17:0
26	18	b21881.d	1.	VSTD-5/10PPB	ISSS+VOC,AA,SS (1:10)	24 Mar 06 17:2
7	19	b21882.d	1.	VSTD-10/20PPB	ISSS+VOC,AA,SS (1:10)	24 Mar 06 17:4
	20	b21883.d	1.	VSTD-10/20PPB	ISSS+VOC,AA,SS (1:10)	24 Mar 06 18:0
29	21	b21884.d	1.	VSTD-20/40PPB	ISSS+VOC,AA,SS	24 Mar 06 18:2
30	22	b21885.d	1.	VSTD-20/40PPB	ISSS+VOC,AA,SS	24 Mar 06 18:4
31	23	b21886.d	1.	VSTD-50/100PPB	ISSS+VOC,AA,SS	24 Mar 06 19:0
32	24	b21887.d	1.	VSTD-50/100PPB	ISSS+VOC,AA,SS	24 Mar 06 19:3
33	25	b21888.d	1.	VSTD-100/200PPB	ISSS+VOC,AA,SS	24 Mar 06 19:5
34	26	b21889.d	1.	VSTD-100/200PPB	ISSS+VOC,AA,SS	24 Mar 06 [illegible]
35	27	b21890.d	1.	VSTD-120/240PPB	ISSS+VOC,AA,SS	24 Mar 06 [illegible]
36	28	b21891.d	1.	VSTD-120/240PPB	ISSS+VOC,AA,SS	24 Mar 06 20:5
37	29	b21892.d	1.	VSTD-150/300PPB	ISSS+VOC,AA,SS	24 Mar 06 21:1
38	30	b21893.d	1.	VSTD-150/300PPB	ISSS+VOC,AA,SS	24 Mar 06 21:3
39	31	b21894.d	1.	VIBLK	ISSS	24 Mar 06 21:5
40	32	b21895.d	1.	VIBLK	ISSS	24 Mar 06 22:1
41	33	b21896.d	1.	2ND SOURCE 50/100PPB	ISSS	24 Mar 06 22:3
42	34	b21897.d	1.	2ND SOURCE 50/100PPB	ISSS	24 Mar 06 [illegible]
43	35	b21898.d	1.	3RD SOURCE 50PPB	ISSS T-BUTYLBENZENE	24 Mar 06 23:1
44	36	b21899.d	1.	3RD SOURCE 50PPB	ISSS T-BUTYLBENZENE	24 Mar 06 23:3
45	37	b21900.d	1.	VIBLK	ISSS	24 Mar 06 23:5
46	38	b21901.d	1.	VIBLK	ISSS	25 Mar 06 00:1
47	39	b21902.d	1.	VIBLK	ISSS	25 Mar 06 00:3
48	40	b21903.d	1.	VIBLK	ISSS	25 Mar 06 00:5
49	41	b21904.d	1.	VIBLK	ISSS	25 Mar 06 01:1
50	42	b21905.d	1.	VIBLK	ISSS	25 Mar 06 01:4
51	43	b21906.d	1.	VSTD-1/10/20PPB	ISSS+EXTRAS (1:100)	25 Mar 06 02:0
52	44	b21907.d	1.	VSTD-1/10/20PPB	ISSS+EXTRAS (1:100)	25 Mar 06 [illegible]
5[illegible]	45	b21908.d	1.	VSTD-5/50/100PPB	ISSS+EXTRAS (1:10)	25 Mar 06 [illegible]
	46	b21909.d	1.	VSTD-5/50/100PPB	ISSS+EXTRAS (1:10)	25 Mar 06 03:0
55	47	b21910.d	1.	VSTD-10/100/200PPB	ISSS+EXTRAS (1:10)	25 Mar 06 03:2
56	48	b21911.d	1.	VSTD-10/100/200PPB	ISSS+EXTRAS (1:10)	25 Mar 06 03:4
57	49	b21912.d	1.	VSTD-20/200/400PPB	ISSS+EXTRAS (1:10)	25 Mar 06 04:0

3/28/06

Injection Log

Directory: d:\hpdata\032406

ine	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
	50	b21913.d	1.	VSTD-20/200/400PPB	ISSS+EXTRAS (1:10)	25 Mar 06 [illegible]
[illegible]	51	b21914.d	1.	VSTD-50/500/1000PPB	ISSS+EXTRAS	25 Mar 06 [illegible]
0	1	b21915.d	1.	VSTD-50/500/1000PPB	ISSS+EXTRAS	25 Mar 06 05:0
61	2	b21916.d	1.	VSTD-100/1000/2000PPB	ISSS+EXTRAS	25 Mar 06 05:2
62	3	b21917.d	1.	VSTD-100/1000/2000PPB	ISSS+EXTRAS	25 Mar 06 05:4
3	4	b21918.d	1.	VSTD-120/1200/2400PPB	ISSS+EXTRAS	25 Mar 06 06:0
4	5	b21919.d	1.	VSTD-120/1200/2400PPB	ISSS+EXTRAS	25 Mar 06 06:2
65	6	b21920.d	1.	VSTD-150/1500/3000PPB	ISSS+EXTRAS	25 Mar 06 06:4
6	7	b21921.d	1.	VSTD-150/1500/3000PPB	ISSS+EXTRAS	25 Mar 06 07:0
7	8	b21922.d	1.	VIBLK	ISSS+EXTRAS	25 Mar 06 07:2
68	9	b21923.d	1.	VIBLK	ISSS+EXTRAS	25 Mar 06 07:4
69	10	b21924.d	1.	2ND SOURCE 50/500/1000PPB	ISSS+EXTRAS	25 Mar 06 08:1
0	11	b21925.d	1.	2ND SOURCE 50/500/1000PPB	ISSS+EXTRAS	25 Mar 06 08:3

Daily Standards

STD	ASI or Lot #	Exp Date
IS		
SS	S04032406	3/31/06
ISSS	S01032106	9/21/06
VOC STD	S01032406	3/31/06
AA	S02032106	4/4/06
MS Mix		
QC Check		
2ND Source	S01031706	3/31/06
GRO STD		
TCLP Mix		
Other VOC (1:10)	S03032406	3/25/06
Other AA (1:10)	S03032406	3/25/06
Other SS (1:10)	S05032406	3/25/06
Other 3rd Source	S11022806	3/28/06
Other C.m #1	S06032406	4/24/06
Other C.m #2	S08032406	4/24/06
Other C.m #1 (1:10)	S10032406	3/31/06
Other cm #2 (1:10)	S12032406	3/31/06
Other Cm#1 (1:100)	S11032406	3/31/06
Other Cm#2 (1:100)	S13032406	3/31/06
Other AA 2nd Source	S02032206	4/5/06
Other Cm#1 2nd Source	S07032406	4/24/06
Other Cm #2 2nd Source	S09032406	4/24/06
Other		
Other		

Analyst: [signature] Date: 3/27/06

Injection Log

Directory: d:\hpdata\032706

...e	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
	1	b21926.d	1.	VIBLK	ISSS	27 Mar 06 09:0
	2	b21927.d	1.	VIBLK	ISSS	27 Mar 06 09:2
	3	b21928.d	1.	VIBLK	ISSS	27 Mar 06 09:4
	4	b21929.d	1.	VIBLK	ISSS	27 Mar 06 10:0
	5	b21930.d	1.	2ND SOURCERR 50/100PPB	ISSS	27 Mar 06 10:2
	6	b21931.d	1.	2ND SOURCE STD CHECK	ISSS 50/100PPB CONFIRM STANDARD	27 Mar 06 10:4
	7	b21932.d	1.	VIBLK	ISSS	27 Mar 06 11:0
	8	b21933.d	1.	VIBLK	ISSS	27 Mar 06 11:2
	9	b21934.d	1.	VSTD1-03-27-06	ISSS+EXTRAS 50/500/1000PPB	27 Mar 06 11:4
	10	b21935.d	1.	VSTD2-03-27-06	ISSS+EXTRAS 50/500/1000PPB	27 Mar 06 12:0
11	11	b21936.d	1.	VSTD3-03-27-06	ISSS+VOC+AA 50/100PPB	27 Mar 06 12:2
12	12	b21937.d	1.	VSTD4-03-27-06	ISSS+VOC+AA 50/100PPB	27 Mar 06 [illegible]
	13	b21938.d	1.	LCS-	ISSS+MS	27 Mar 06 13:0
	14	b21939.d	1.	LCS-	ISSS+MS	27 Mar 06 13:2
15	15	b21940.d	1.	VBLK1-03-27-06	ISSS	27 Mar 06 13:4
	16	b21941.d	1.	VBLK2-03-27-06	ISSS	27 Mar 06 14:0
	17	b21942.d	1.	226216-1 MORELAND 5ML	127269 ISSS	27 Mar 06 14:3
18	18	b21943.d	1.	226240-1 JJ&G 5ML	127271 ISSS	27 Mar 06 14:5
19	19	b21944.d	1.	226216-1MS MORELAND 5ML	127269 ISSS	27 Mar 06 15:1
	20	b21945.d	1.	226240-1MS JJ&G 5ML	127271 ISSS	27 Mar 06 15:3
21	21	b21946.d	1.	226216-1MSD MORELAND 5ML	127269 ISSS	27 Mar 06 15:5
22	22	b21947.d	1.	226240-1MSD JJ&G 5ML	127271 ISSS	27 Mar 06 16:1
	23	b21948.d	1.	226216-3 MORELAND 5ML	127269 ISSS	27 Mar 06 16:3
	24	b21949.d	1.	226240-2 JJ&G 5ML	127271 ISSS	27 Mar 06 16:5
	25	b21950.d	1.	226216-5 MORELAND 5ML	127269 ISSS	27 Mar 06 17:1
26	26	b21951.d	1.	226240-3 JJ&G 5ML	127271 ISSS	27 Mar 06 17:3
	27	b21952.d	1.	226216-7 MORELAND 5ML	127269 ISSS	27 Mar 06 17:5
	28	b21953.d	1.	226240-4 JJ&G 5ML	127271 ISSS	27 Mar 06 18:1
29	29	b21954.d	1.	226216-9 MORELAND 5ML	127269 ISSS	27 Mar 06 18:3
	30	b21955.d	1.	226240-5 JJ&G 5ML	127271 ISSS	27 Mar 06 [illegible]
1	31	b21956.d	1.	226216-11 MORELAND 5ML	127269 ISSS	27 Mar 06 [illegible]
32	32	b21957.d	1.	226240-6 JJ&G 5ML	127271 ISSS	27 Mar 06 19:3
33	33	b21958.d	1.	226216-13 MORELAND 5ML	127269 ISSS	27 Mar 06 19:5
4	34	b21959.d	1.	226240-7 JJ&G 5ML	127271 ISSS	27 Mar 06 20:2
5	35	b21960.d	1.	226216-15 MORELAND 5ML	127269 ISSS	27 Mar 06 20:4
36	36	b21961.d	1.	226240-8 JJ&G 5ML	127271 ISSS APP2	27 Mar 06 21:0
7	37	b21962.d	1.	226216-17 MORELAND 5ML	127269 ISSS	27 Mar 06 21:2
8	38	b21963.d	1.	226240-9 JJ&G 5ML	127271 ISSS APP2	27 Mar 06 21:4
39	39	b21964.d	1.	226216-19 MORELAND 5ML	127269 ISSS	27 Mar 06 22:0
40	40	b21965.d	1.	226240-10 JJ&G 5ML	127271 ISSS APP2	27 Mar 06 22:2
1	41	b21966.d	1.	226216-20 MORELAND 5ML	127269 ISSS FB	27 Mar 06 22:4
42	42	b21967.d	1.	226240-11 JJ&G 5ML	127271 ISSS APP2	27 Mar 06 23:0
43	43	b21968.d	1.	226216-24 MORELAND 5ML	127269 ISSS TB	27 Mar 06 23:2
4	44	b21969.d	1.	226240-12 JJ&G 5ML	127271 ISSS APP2	27 Mar 06 23:4
5	45	b21970.d	1.	VSTD5-03-27-06	ISSS+EXTRAS 50/500/1000PPB	28 Mar 06 00:0
46	46	b21971.d	1.	VSTD6-03-27-06	ISSS+EXTRAS 50/500/1000PPB	28 Mar 06 00:2
7	47	b21972.d	1.	VSTD7-03-27-06	ISSS+VOC+AA 50/100PPB	28 Mar 06 [illegible]
48	48	b21973.d	1.	VSTD8-03-27-06	ISSS+VOC+AA 50/100PPB	28 Mar 06 [illegible]
	49	b21974.d	1.	VIBLK	ISSS	28 Mar 06 01:2
50	50	b21975.d	1.	VIBLK	ISSS	28 Mar 06 01:4
51	51	b21976.d	1.	VBLK3-03-27-06	ISSS	28 Mar 06 02:0
52	1	b21977.d	1.	VBLK4-03-27-06	ISSS	28 Mar 06 02:2

Injection Log

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ine	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
	2	b21978.d	1.	226240-16 JJ&G 5ML	127269 ISSS TB APP2	28 Mar 06 0
7	3	b21979.d	1.	226240-13 JJ&G 5ML	127271 ISSS APP2	28 Mar 06 03:1
55	4	b21980.d	1.	226240-15 JJ&G 5ML	127269 ISSS FB APP2	28 Mar 06 03:3
56	5	b21981.d	1.	226240-14 JJ&G 5ML	127271 ISSS APP2	28 Mar 06 03:5
57	6	b21982.d	1.	VIBLK	ISSS	28 Mar 06 04:1
58	7	b21983.d	1.	VIBLK	ISSS	28 Mar 06 04:3
59	8	b21984.d	1.	VIBLK	ISSS	28 Mar 06 04:5
60	9	b21985.d	1.	VIBLK	ISSS	28 Mar 06 05:1

Daily Standards

STD	ASI or Lot #	Exp Date
IS		
SS		
ISSS	S01032106	9/21/06
VOC STD	S01032406	3/31/06
AA	S02032106	4/4/06
MS Mix	S01032206	4/5/06
QC Check		
2ND Source	S01032706	4/3/06
GRO STD		
TCLP Mix		
Other Custom Mix #1	S06032406	4/24/06
Other Custom Mix #2	S08032406	4/24/06
Other		
Other		
Other		
Other		
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Other		
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Other		
Other		

Analyst: [illegible] Date: 3/28/06

✓ LW 5/27/06

Calibration Table Report

Method: 8260PT2.M

Title: SW-846 Method 8260/624

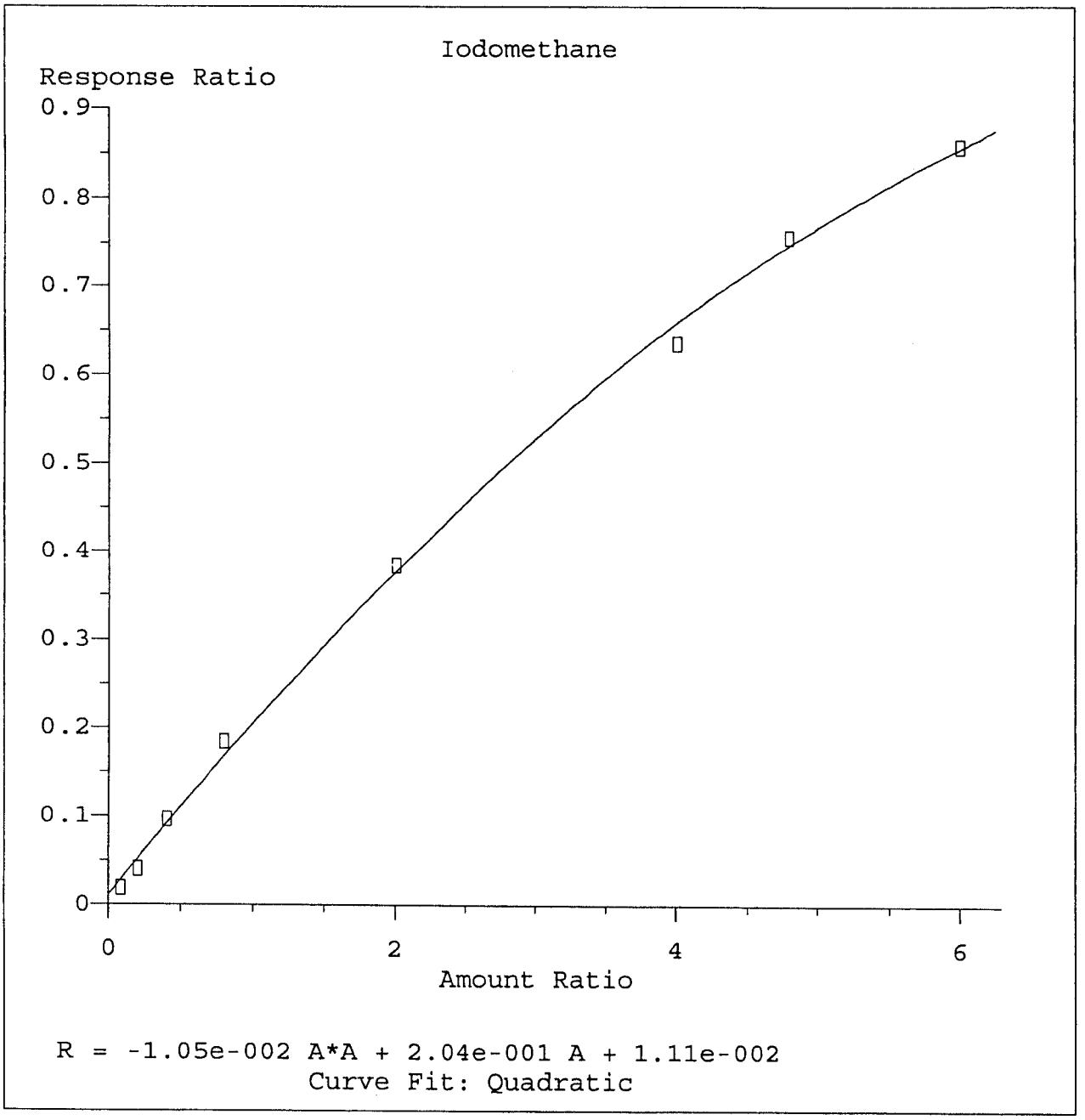
Last Calibration: Mon Mar 27 10:16:12 2006

Calibration Files

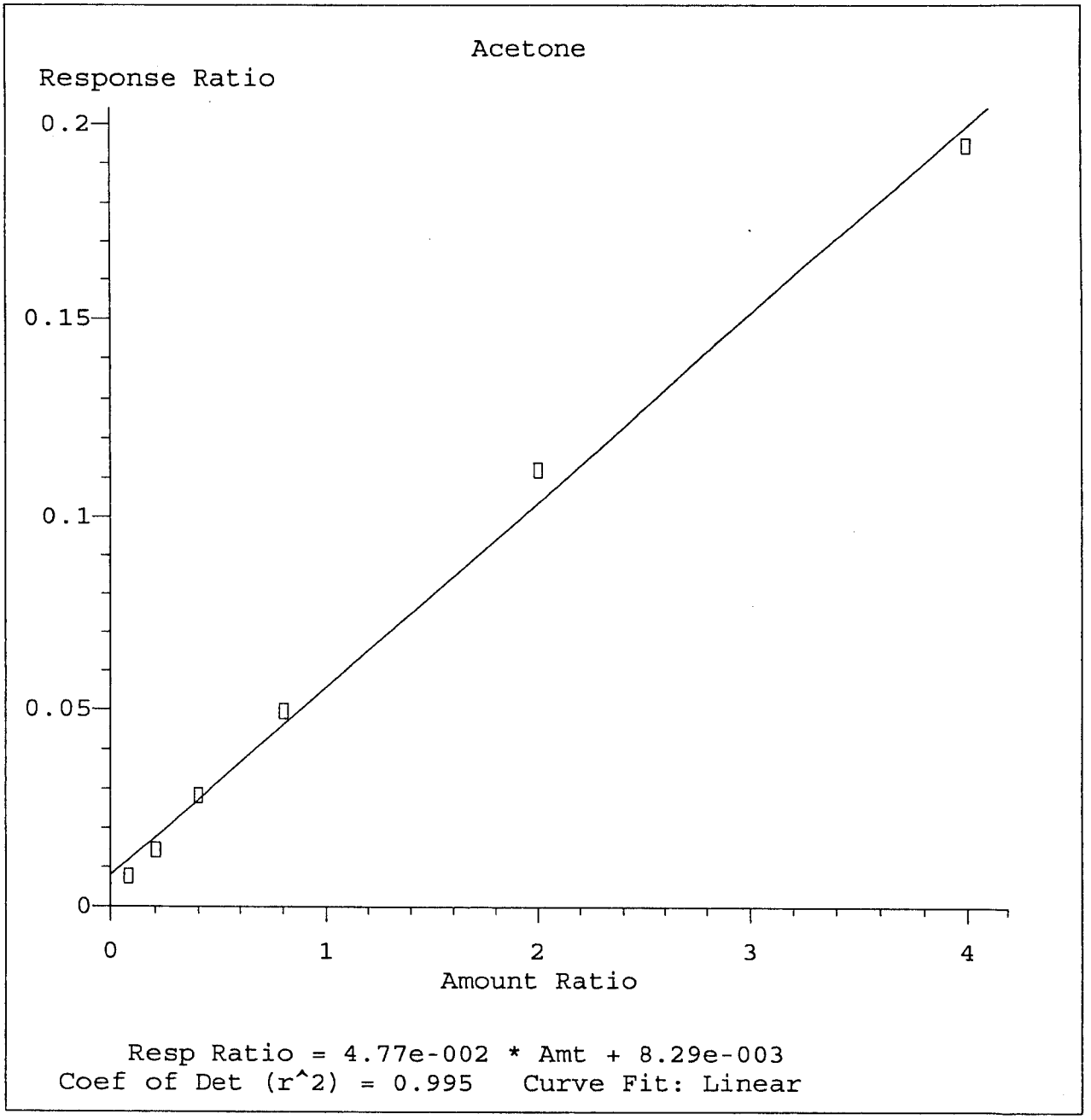
Compound	2	5	10	20	50	100	120	150	Avg	%RSD	
	B21879.D	B21881.D	B21883.D	B21885.D	B21887.D	B21889.D	B21891.D	B21893.D			
Fluorobenzene	ISTD										
Dichlorodifluoromethane	0.294	0.299	0.289	0.303	0.275	0.262	0.265	0.256	0.280	6.478	
Chloromethane	0.538	0.504	0.437	0.425	0.389	0.385	0.392	0.414	✓ 0.436	12.973	
Vinyl Chloride	0.419	0.382	0.388	0.381	0.358	0.337	0.335	0.323	0.365	✓ 8.948	
Bromomethane	0.070	0.067	0.093	0.097	0.088	0.080	0.078	0.073	0.081	13.356	
Chloroethane	0.222	0.218	0.211	0.212	0.193	0.185	0.185	0.179	0.201	8.439	
Trichlorofluoromethane	0.423	0.435	0.448	0.438	0.400	0.388	0.388	0.372	0.411	6.822	
Diethyl Ether	0.151	0.147	0.154	0.148	0.143	0.138	0.138	0.133	0.144	5.167	
1,1-Dichloroethene	0.239	0.241	0.257	0.253	0.238	0.232	0.236	0.229	0.241	✓ 4.039	
Acrolein	0.029	0.021	0.025	0.024	0.025	0.022	0.024	0.025	0.024	9.558	
Carbon Disulfide	0.744	0.780	0.816	0.849	0.806	0.807	0.812	0.789	0.800	3.793	
Iodomethane	0.237	0.202	0.240	0.231	0.192	0.159	0.158	0.143	0.195	19.896	0.999
Acetone	0.095	0.072	0.071	0.062	0.056	0.049			0.068	24.199	0.995
Methylene Chloride	0.543	0.371	0.304	0.269	0.240	0.236	0.234	0.229	0.303	35.727	1.000
trans-1,2-Dichloroethene	0.267	0.279	0.298	0.299	0.279	0.273	0.278	0.275	0.281	4.061	
Acrylonitrile	0.076	0.072	0.078	0.076	0.074	0.064	0.070	0.069	0.072	6.251	
Methyl-tert-butyl Ether	0.540	0.542	0.594	0.594	0.598	0.581	0.593	0.588	0.579	4.117	
Allyl chloride	0.124	0.129	0.136	0.138	0.121	0.113	0.112	0.105	0.122	9.766	
1,1-Dichloroethane	0.487	0.497	0.506	0.527	0.498	0.493	0.501	0.500	✓ 0.501	2.356	
Vinyl Acetate	0.297	0.308	0.350	0.375	0.385	0.382	0.388	0.399	0.360	10.681	
2,2-Dichloropropane	0.228	0.246	0.259	0.283	0.299	0.316	0.332	0.336	0.287	13.970	
cis-1,2-Dichloroethene	0.227	0.238	0.249	0.255	0.258	0.255	0.262	0.261	0.250	4.873	
2-Butanone	0.120	0.097	0.098	0.092	0.089	0.077	0.090	0.083	0.093	13.765	
Methyl Acrylate	0.141	0.137	0.159	0.165	0.170	0.157	0.170	0.169	0.159	8.194	
Bromochloromethane	0.106	0.103	0.102	0.095	0.088	0.085	0.085	0.082	0.093	10.213	
Propionitrile	0.025	0.025	0.029	0.027	0.029	0.024	0.027	0.027	0.026	6.249	
Chloroform	0.446	0.473	0.472	0.470	0.461	0.452	0.459	0.455	0.461	✓ 2.133	
Methacrylonitrile	0.064	0.068	0.077	0.080	0.081	0.075	0.081	0.081	0.076	8.627	
1,1,1-Trichloroethane	0.350	0.366	0.375	0.403	0.396	0.400	0.412	0.413	0.389	5.905	
Tetrahydrofuran	0.099	0.073	0.072	0.066	0.064	0.056	0.061	0.060	0.069	19.365	0.997
1-Chlorobutane	0.555	0.574	0.587	0.610	0.579	0.564	0.577	0.569	0.577	2.876	
Dibromofluoromethane	0.231	0.230	0.227	0.226	0.218	0.208			0.223	3.998	
2-Chloroethylvinyl ether			0.001	0.002	0.002	0.002	0.002	0.003	0.002	23.076	0.995
Carbon Tetrachloride	0.229	0.239	0.269	0.284	0.296	0.303	0.316	0.313	0.281	11.706	
1,1-Dichloropropene	0.412	0.399	0.426	0.438	0.424	0.416	0.431	0.424	0.421	2.854	
1,2-Dichloroethane-d4	0.334	0.324	0.326	0.314	0.299	0.276			0.312	6.909	
Benzene	1.033	1.027	1.037	1.048	1.023	1.006	1.029	1.025	1.028	1.158	
1,2-Dichloroethane	0.358	0.354	0.371	0.356	0.348	0.332	0.332	0.325	0.347	4.574	

	1,4-Difluorobenzene	ISTD									
	Trichloroethene	0.274	0.287	0.289	0.294	0.288	0.293	0.297	0.292	0.289	2.415
	1,2-Dichloropropane	0.311	0.297	0.314	0.325	0.321	0.328	0.334	0.333	0.321	✓ 3.857
	Dibromomethane	0.129	0.134	0.139	0.14	0.141	0.137	0.141	0.138	0.137384	3.05168
	Bromodichloromethane	0.306	0.317	0.338	0.363	0.383	0.402	0.407	0.405	0.365284	11.1264
	2-Nitropropane	0.027	0.027	0.03	0.033	0.039	0.042	0.047	0.048	0.036564	23.6831 0.995
	cis-1,3-Dichloropropene	0.303	0.318	0.379	0.431	0.484	0.508	0.518	0.518	0.432123	20.6575 1.000
	Methyl methacrylate	0.196	0.195	0.228	0.241	0.258	0.244	0.256	0.255	0.234083	11.0385
	4-Methyl-2-Pentanone	0.069	0.072	0.084	0.091	0.098	0.09	0.097	0.097	0.087344	12.9724
	Toluene	0.862	0.823	0.832	0.835	0.825	0.812	0.824	0.817	0.828782	✓1.81941
	trans-1,3-Dichloropropene	0.246	0.26	0.301	0.341	0.395	0.428	0.436	0.44	0.355924	22.3848 0.999
	1,1,2-Trichloroethane	0.202	0.211	0.218	0.226	0.221	0.217	0.219	0.221	0.216685	3.31808
	Tetrachloroethene	0.235	0.25	0.257	0.258	0.243	0.243	0.248	0.244	0.247235	3.06787
	Ethyl methacrylate	0.227	0.244	0.305	0.325	0.352	0.343	0.357	0.353	0.313161	16.3089 1.000
	1,3-Dichloropropane	0.418	0.42	0.446	0.46	0.465	0.451	0.458	0.455	0.446489	4.06371
	Dibromochloromethane	0.139	0.14	0.17	0.188	0.212	0.223	0.228	0.231	0.19123	19.9095 0.999
	2-Hexanone	0.125	0.127	0.157	0.166	0.173	0.159	0.173	0.169	0.15611	12.4392
	1,2-Dibromoethane	0.189	0.189	0.205	0.212	0.217	0.214	0.22	0.22	0.208067	6.18184
	Chlorobenzene-d5	ISTD									
	Toluene-d8	1.457	1.47	1.415	1.426	1.366	1.313			1.40792	4.2131
	Chlorobenzene	1.247	1.048	0.967	0.968	0.898	0.883	0.887	0.871	✓0.971237	13.0205
	Ethylbenzene-d10	1.907	1.903	1.851	1.85	1.762	1.693			1.82749	4.60666
	1,1,1,2-Tetrachloroethane	0.203	0.217	0.233	0.262	0.273	0.288	0.29	0.289	0.256948	13.5435
	Ethylbenzene	1.842	1.892	1.875	1.953	1.863	1.855	1.867	1.843	1.87379	✓1.9185
	Xylene (m+p)	1.356	1.393	1.456	1.514	1.436	1.42	1.445	1.404	1.42785	3.3025
	Styrene	0.766	0.877	0.955	1.008	1.009	1.015	1.033	1.011	0.959128	9.67825
	Xylene (o)	1.166	1.265	1.369	1.452	1.425	1.428	1.443	1.413	1.36998	7.44606
	Bromoform	0.07	0.086	0.097	0.11	0.13	0.14	0.149	0.151	✓0.116579	26.1575 0.998
	Isopropylbenzene	1.307	1.435	1.551	1.685	1.646	1.633	1.678	1.639	1.57181	8.5665
	1,4-Dichlorobenzene-d4	ISTD									
	1,4-Dichloro-2-Butene	0.156	0.157	0.175	0.186	0.196	0.187	0.201	0.201	0.182149	9.99642
	4-Bromofluorobenzene	1.171	1.166	1.143	1.125	1.077	1.03			1.1186	4.93864
	Bromobenzene	1.37	1.415	1.384	1.407	1.353	1.346	1.379	1.375	1.37869	1.72449
	1,2,3-Trichloropropane	0.695	0.72	0.808	0.851	0.898	0.883	0.972	0.977	0.850439	12.35
	1,1,2,2-Tetrachloroethane	0.624	0.637	0.673	0.674	0.669	0.636	0.67	0.672	✓0.656864	3.16968
	n-Propylbenzene	3.942	4.216	4.503	4.665	4.479	4.471	4.64	4.563	4.43495	5.4551
	2-Chlorotoluene	0.625	0.686	0.681	0.692	0.679	0.677	0.698	0.693	0.678842	3.40111
	4-Chlorotoluene	0.669	0.706	0.725	0.714	0.698	0.702	0.72	0.705	0.704812	2.46732
	1,3,5-Trimethylbenzene	2.367	2.668	2.821	2.915	2.856	2.832	2.923	2.873	2.78187	6.6712
	tert-Butylbenzene	1.943	2.162	2.3	2.436	2.416	2.369	2.457	2.441	2.31541	7.76214
	sec-Butylbenzene	0.54	0.629	0.681	0.733	0.7	0.688	0.712	0.713	0.674472	9.28464
	1,2,4-Trimethylbenzene	2.259	2.689	2.822	2.918	2.835	2.826	2.893	2.849	2.76125	7.7521
	1,3-Dichlorobenzene	1.29	1.31	1.333	1.359	1.311	1.302	1.324	1.293	1.31516	1.74376
	1,4-Dichlorobenzene	1.45	1.374	1.372	1.381	1.307	1.322	1.342	1.305	1.35665	3.56577
	Isopropyltoluene	2.355	2.606	2.907	3.005	2.913	2.924	3.008	2.94	2.83244	8.13971
	1,2-Dichlorobenzene	1.175	1.205	1.232	1.236	1.188	1.185	1.201	1.179	1.20001	1.92854
	n-Butylbenzene	2.504	2.766	3.014	3.211	3.089	3.107	3.213	3.105	3.00112	8.17261
	Hexachloroethane	0.167	0.186	0.209	0.247	0.288	0.318	0.337	0.343	0.261848	26.646 0.998

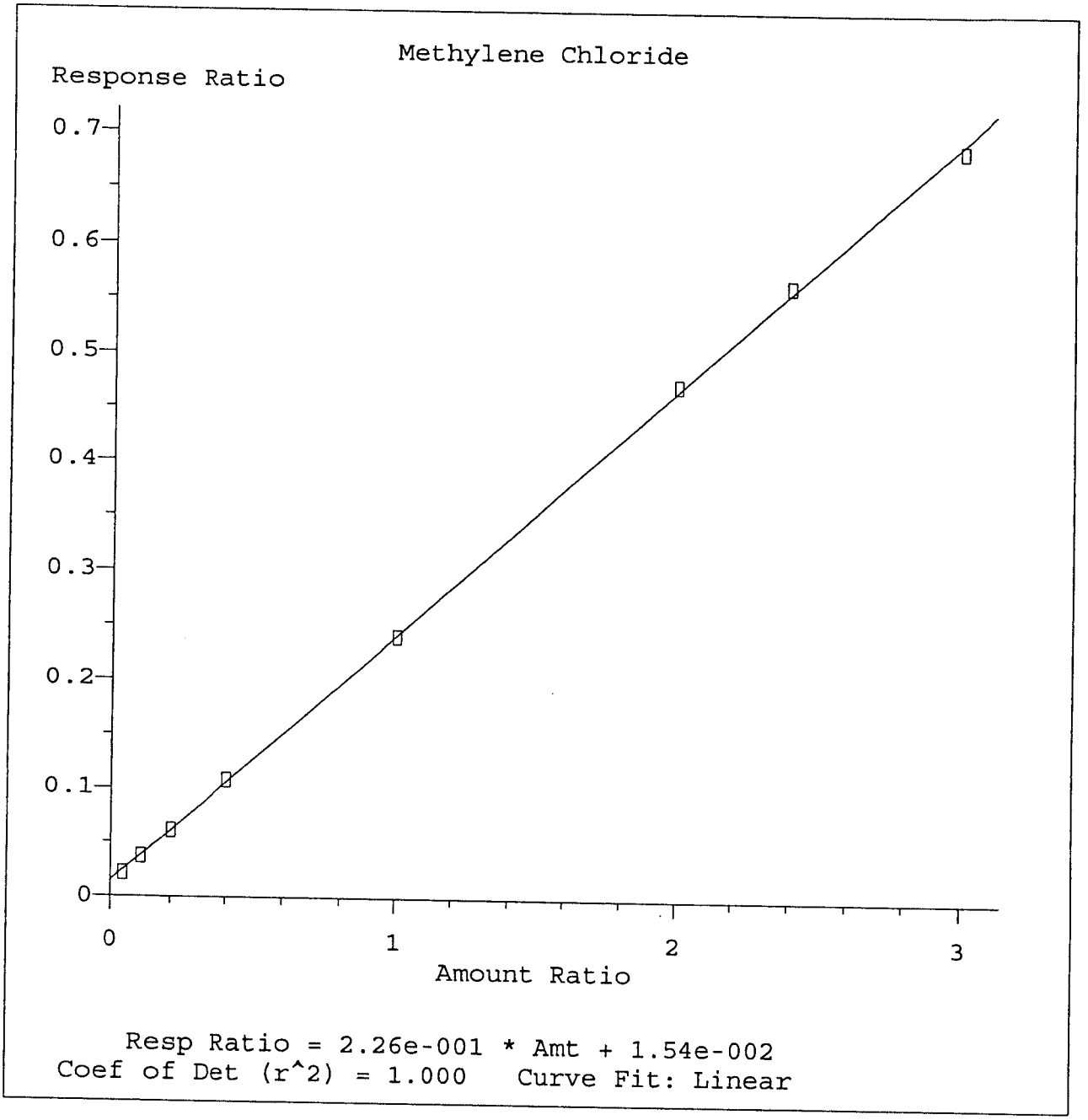
	1,2-Dibromo-3-chloropropane	0.075	0.079	0.104	0.105	0.125	0.116	0.129	0.134	0.108327	20.2853	0.995
	Nitrobenzene		0.01	0.011	0.014	0.014	0.014	0.017	0.017	0.013982	19.1905	0.996
	1,2,4-Trichlorobenzene	0.711	0.695	0.744	0.778	0.783	0.802	0.826	0.774	0.764275	5.8299	
	Naphthalene	1.134	1.249	1.5	1.673	1.716	1.63	1.743	1.727	1.54639	15.1414	0.999
	Hexachlorobutadiene	0.223	0.249	0.26	0.271	0.261	0.251	0.258	0.254	0.25314	5.58553	
	1,2,3-Trichlorobenzene	0.717	0.689	0.718	0.762	0.732	0.733	0.752	0.721	0.728105	3.11907	
	Mon Mar 27 10:49:12 2006											



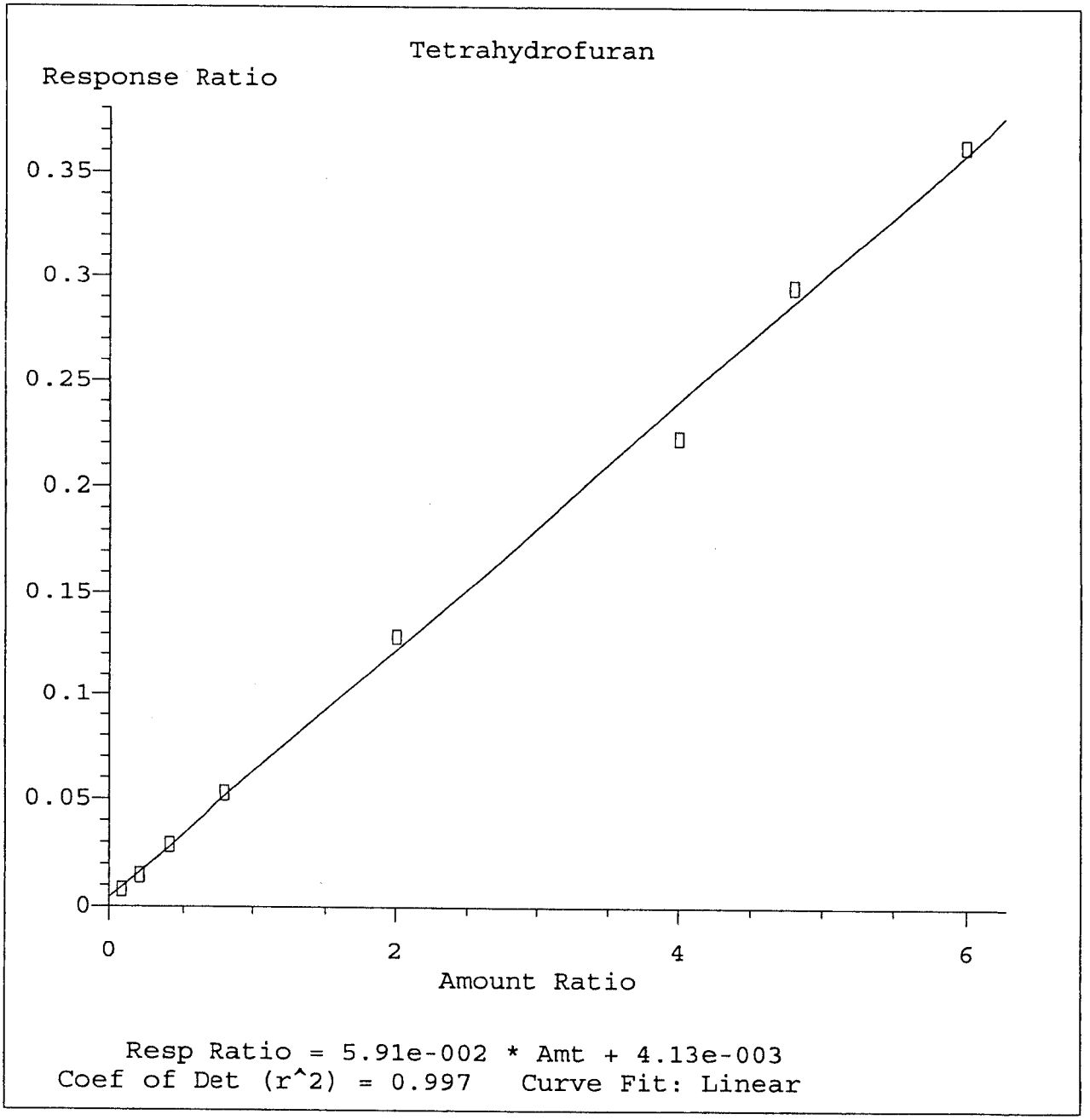
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



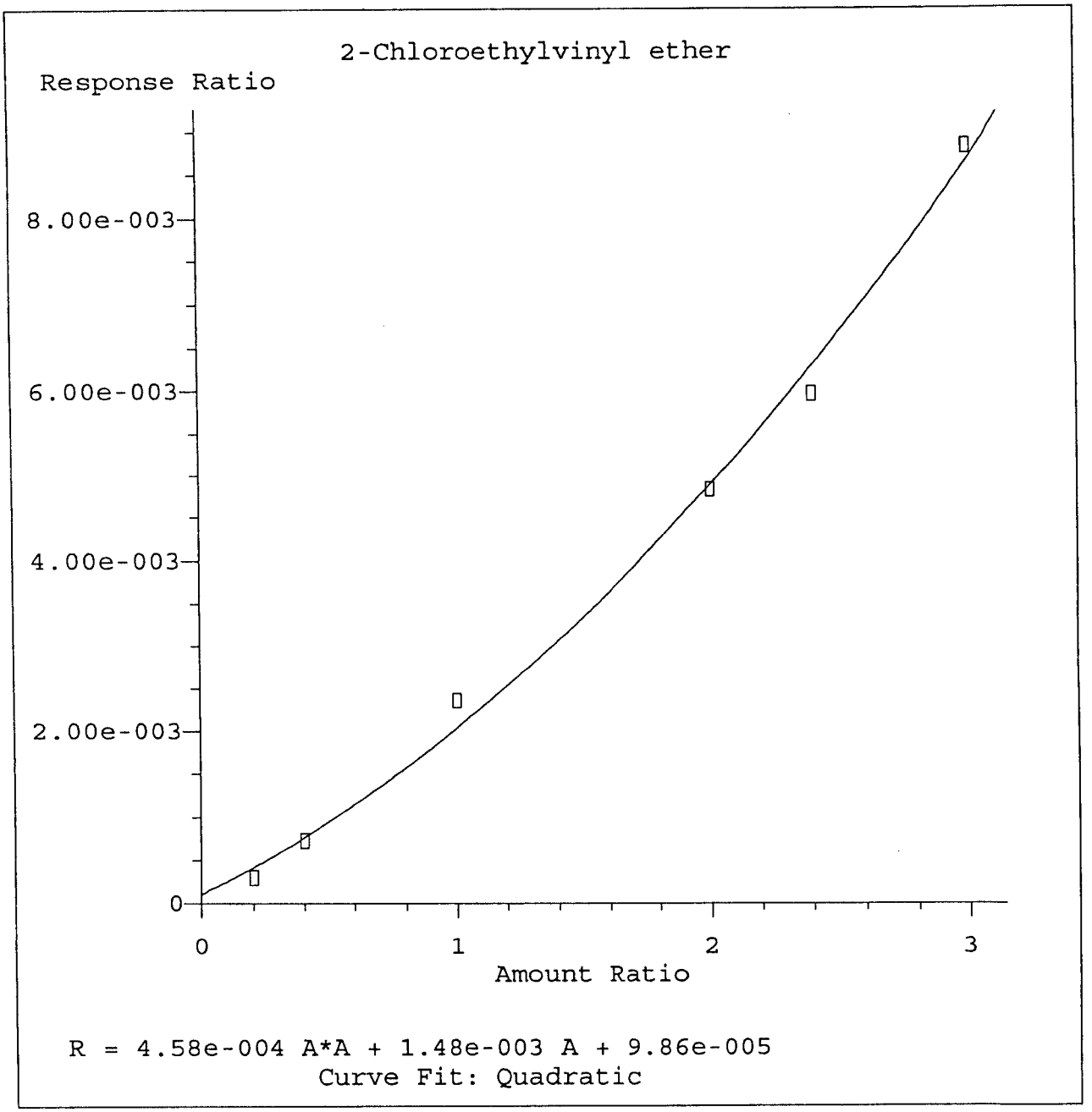
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



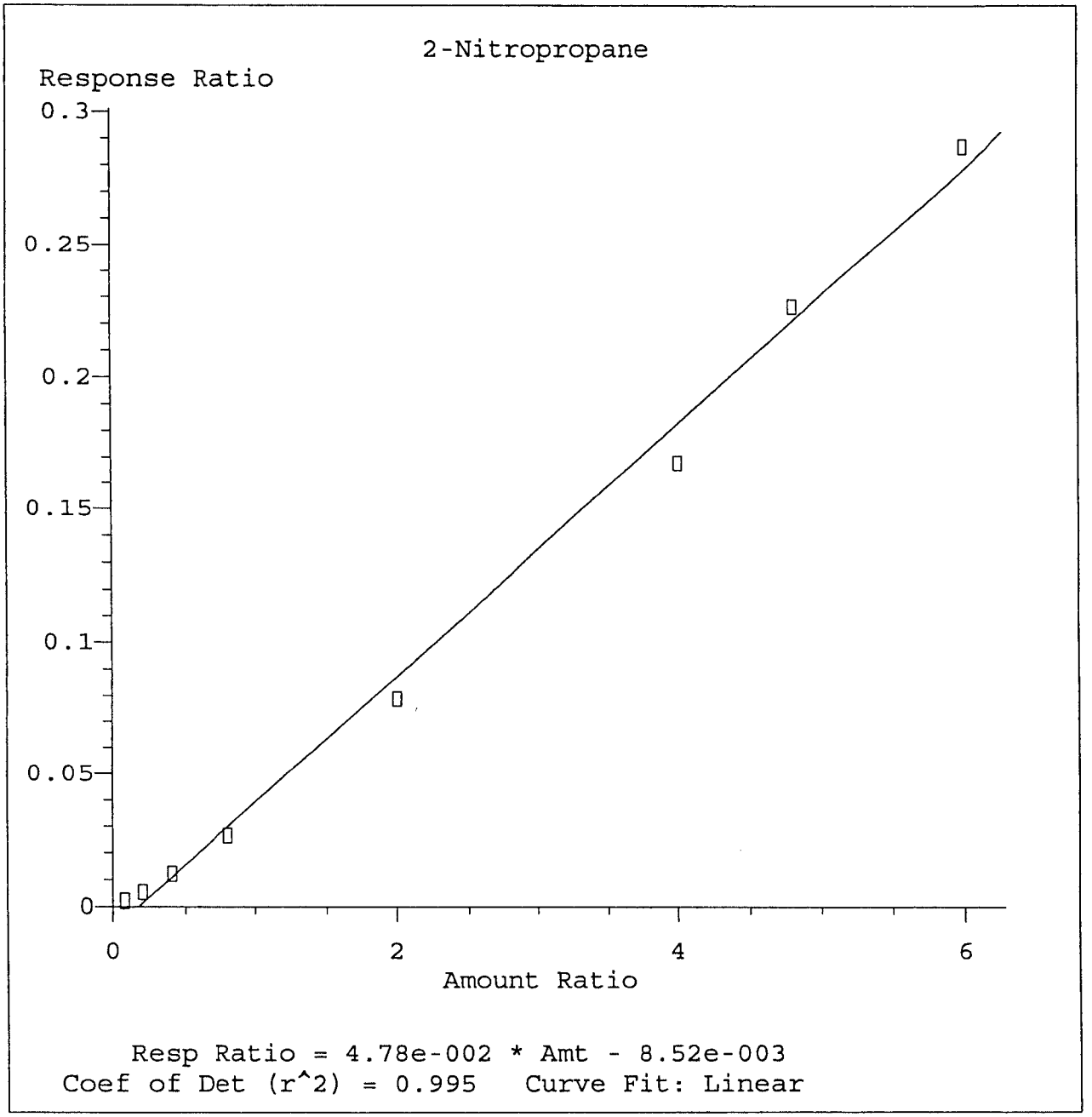
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



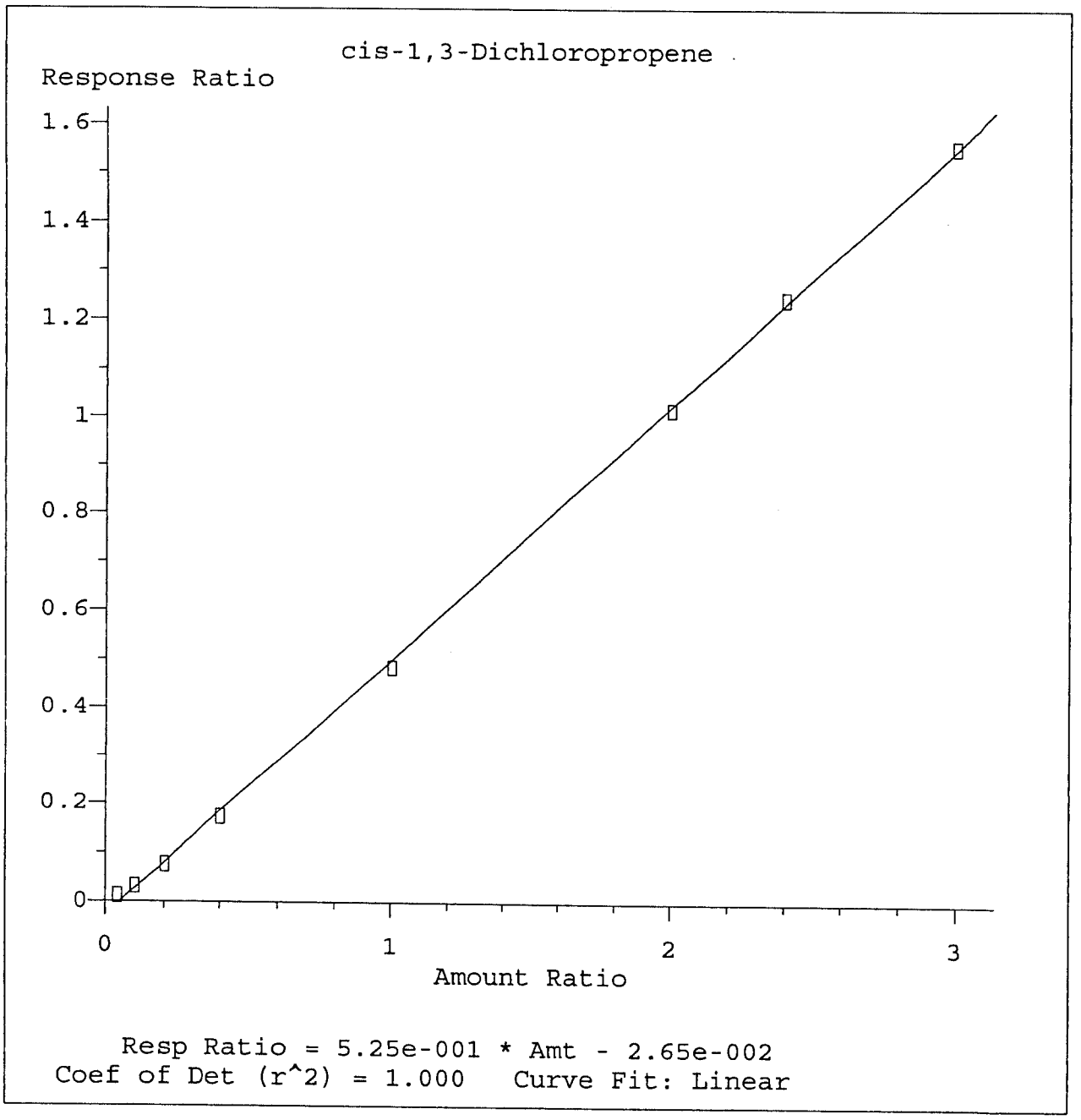
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



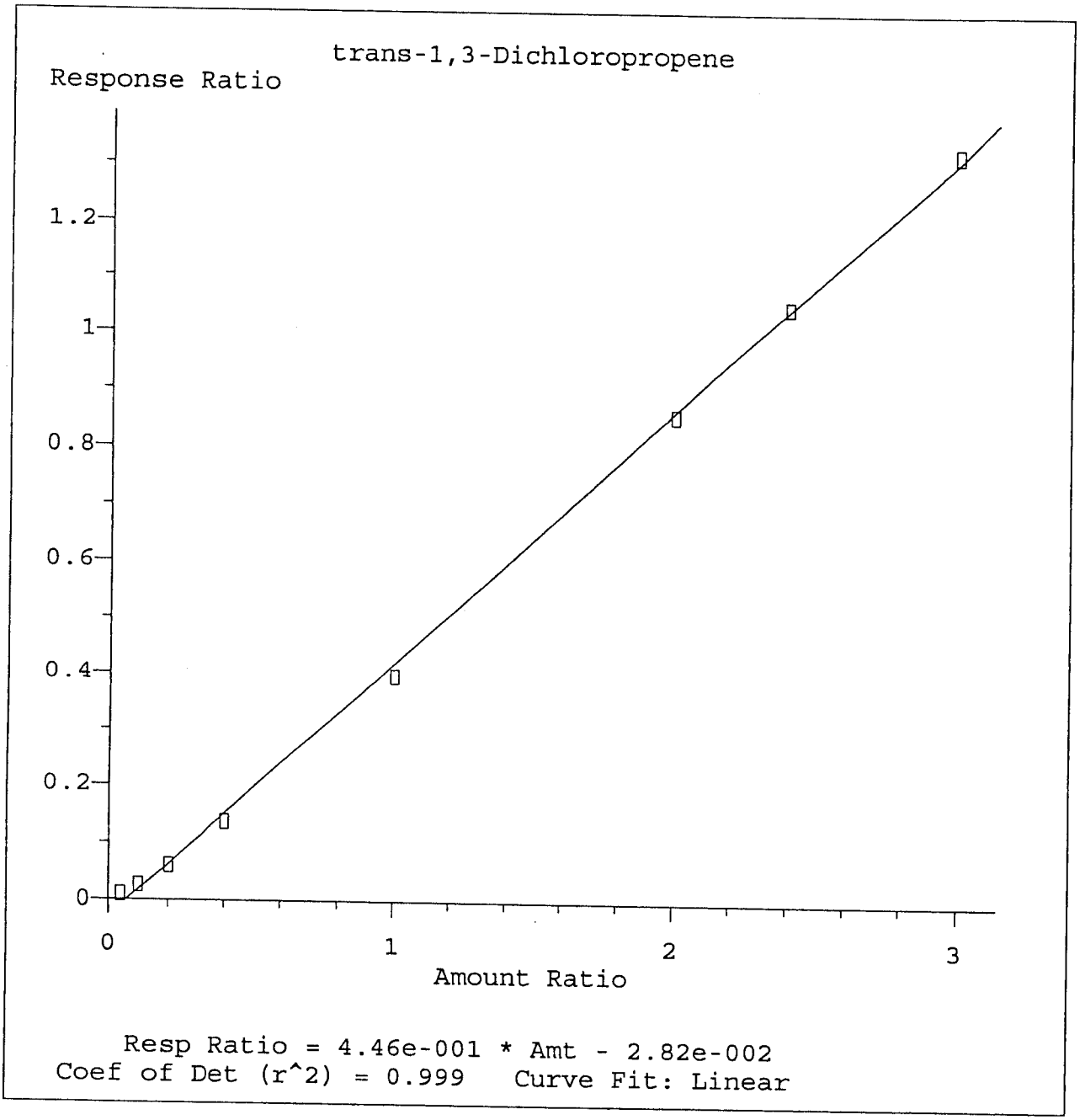
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



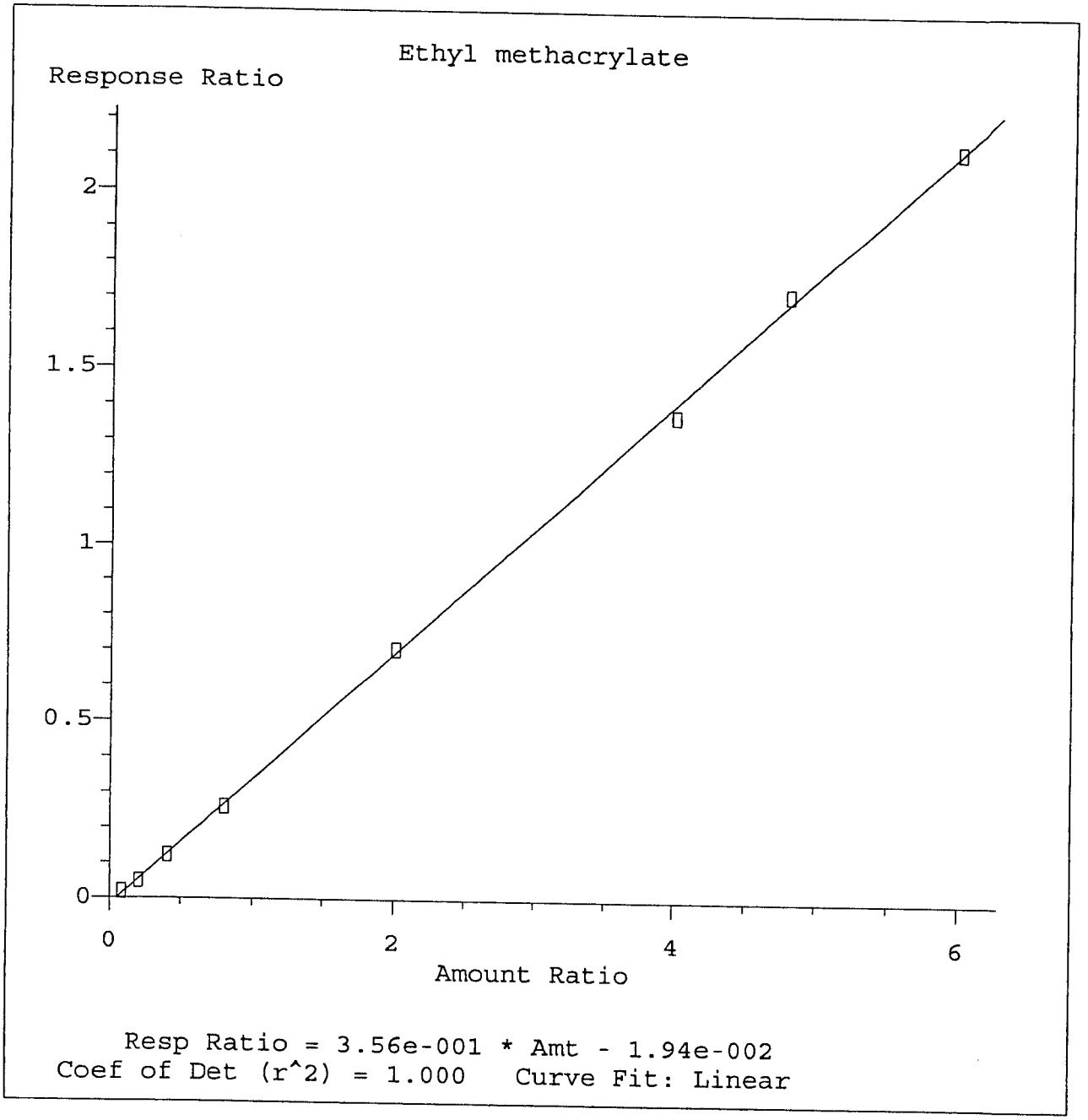
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



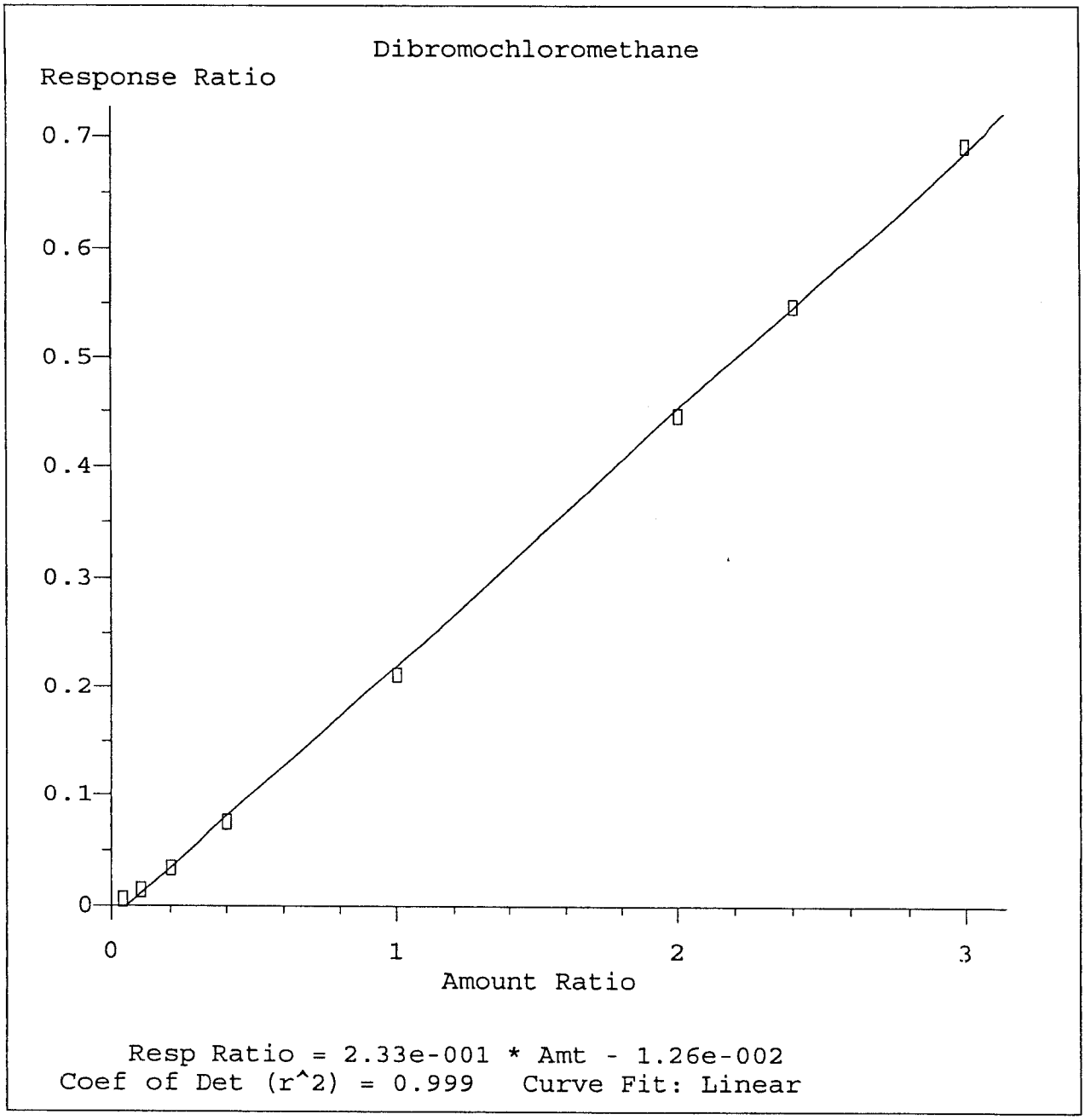
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



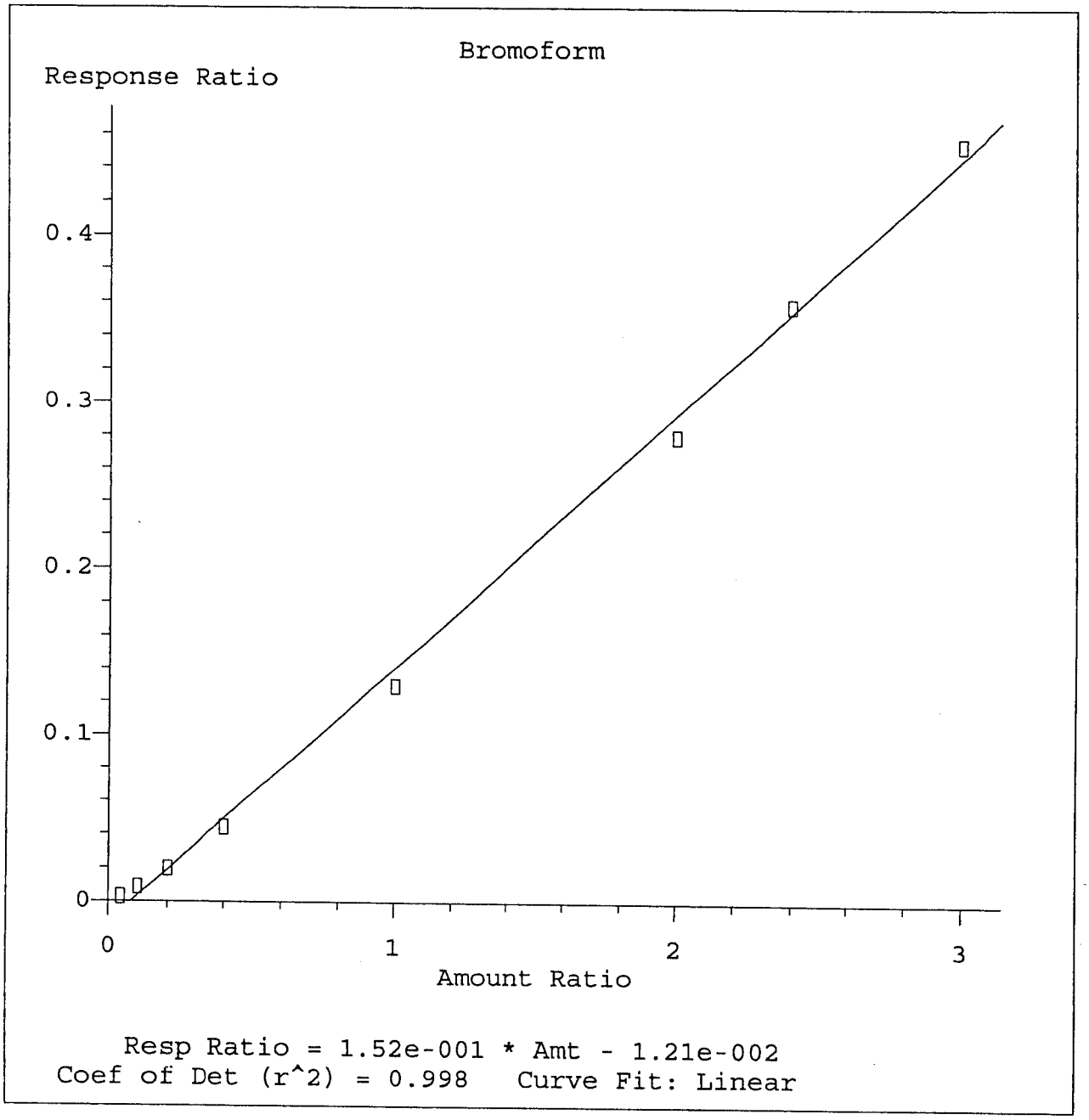
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



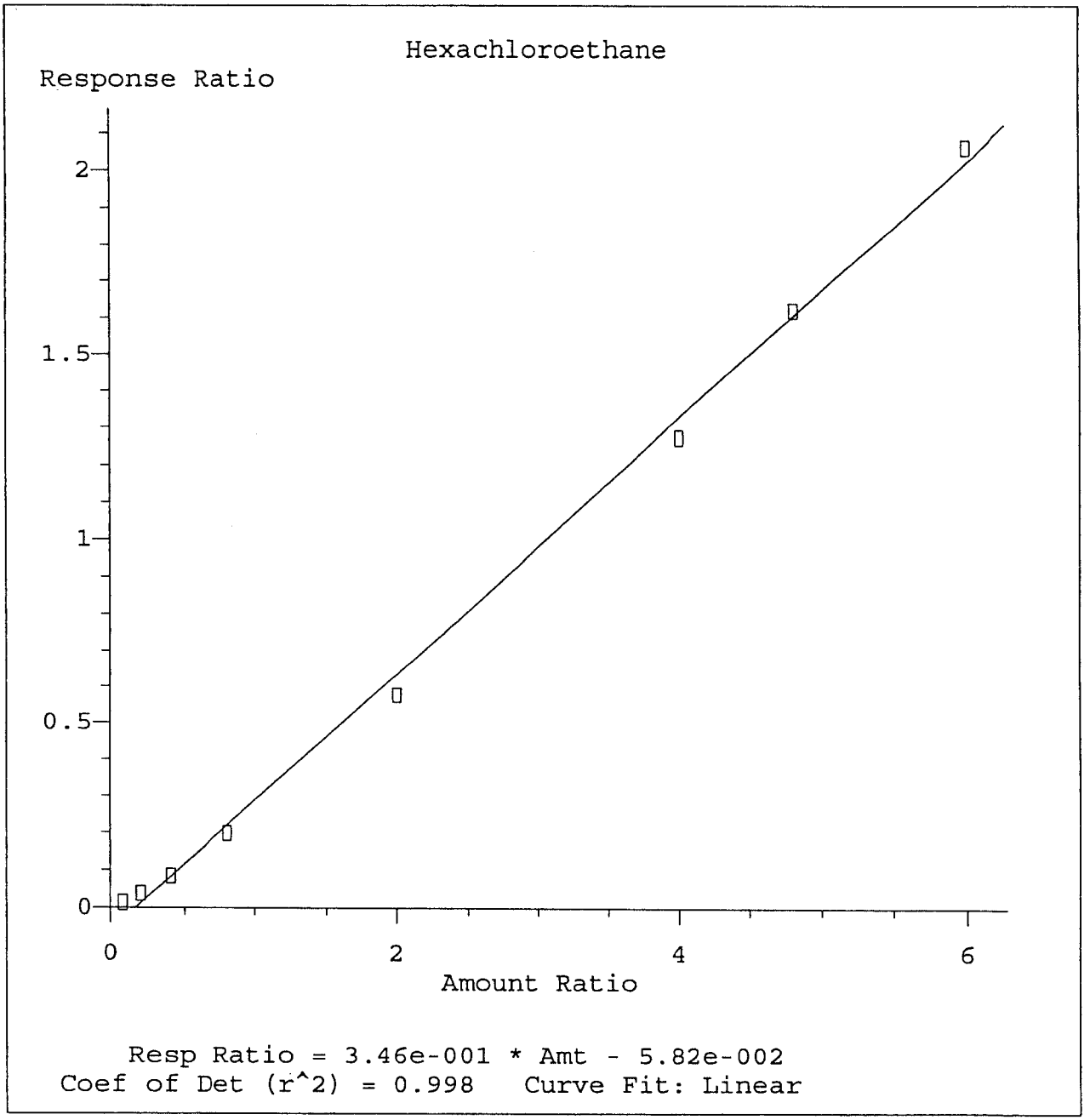
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



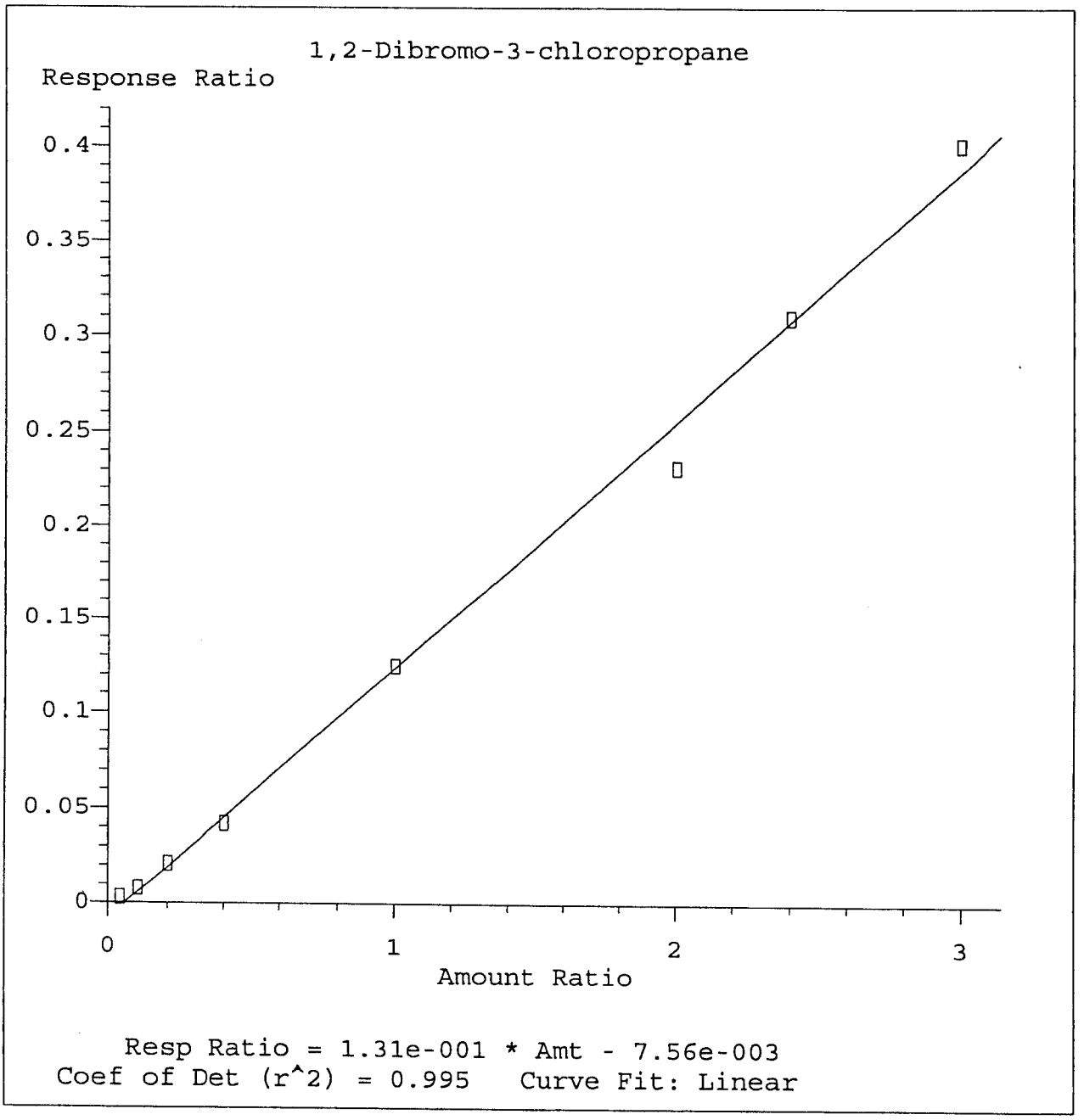
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



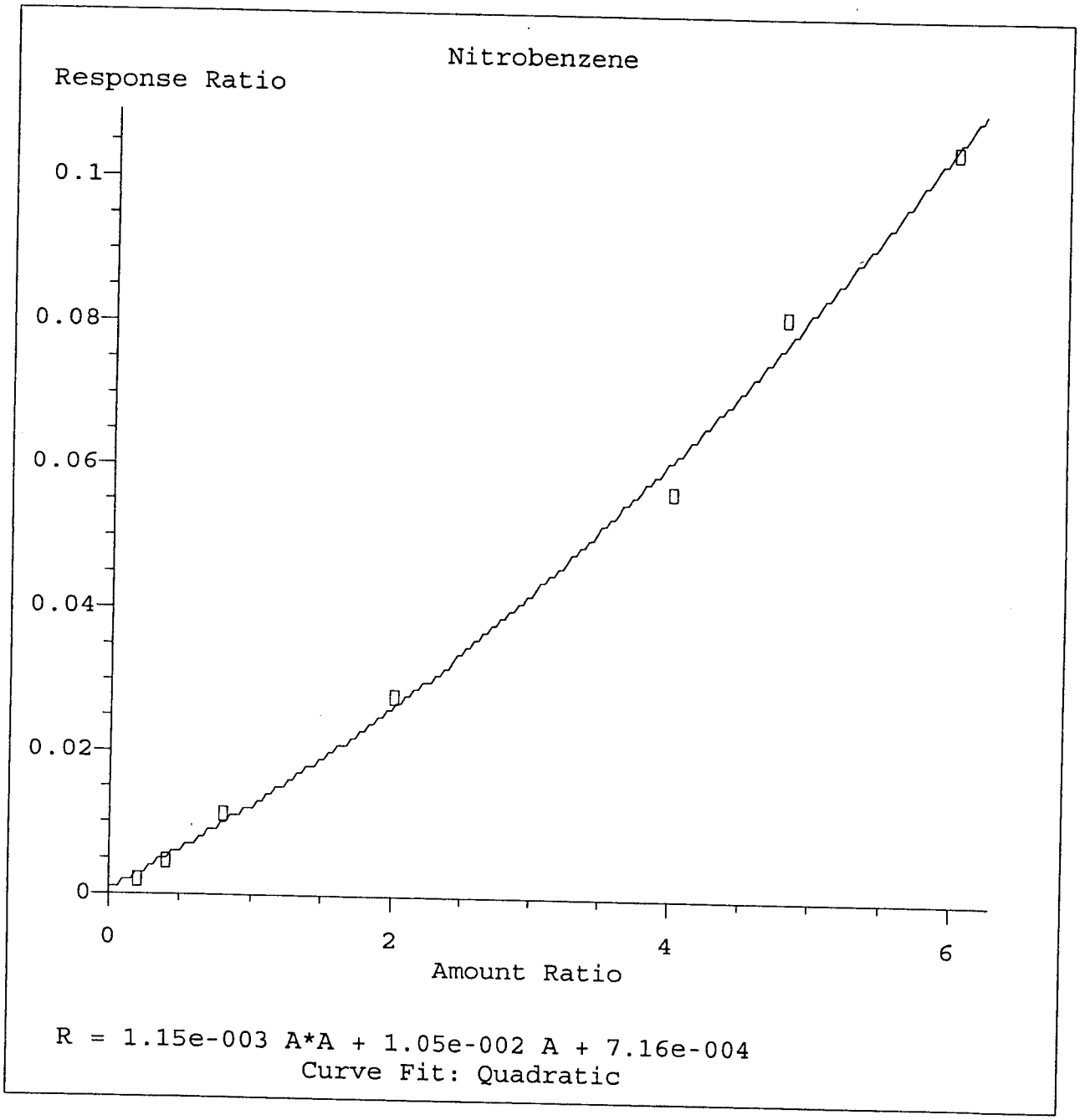
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



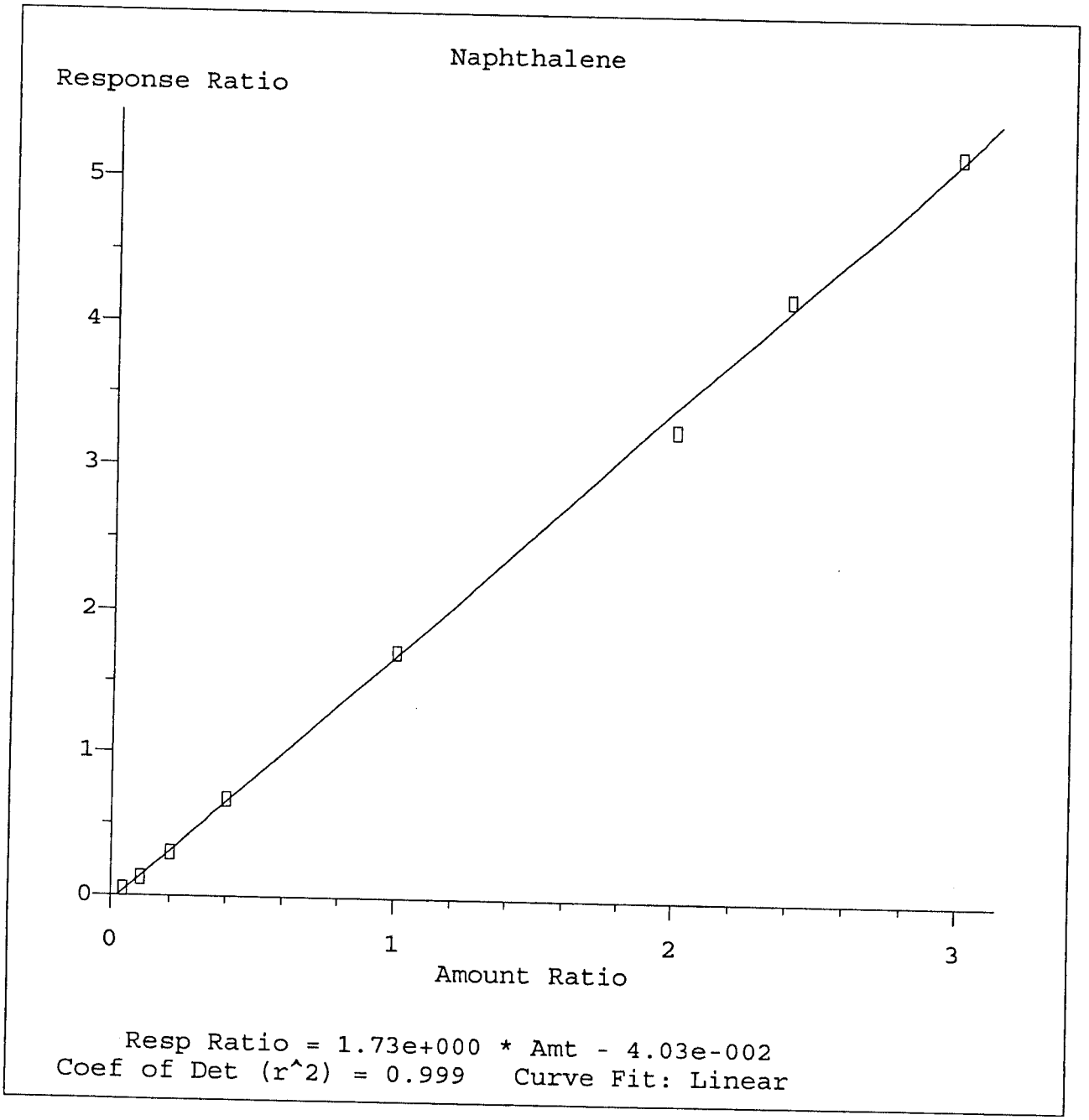
Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006



Method Name: C:\HPCHEM\1\METHODS\8260PT2.M
Calibration Table Last Updated: Mon Mar 27 10:16:12 2006

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21879.D
Acq On : 24 Mar 2006 16:45
Sample : VSTD-2/4PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.PES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.92	96	1192799	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	910731	50.00 ppb		0.00
57) Chlorobenzene-d5	8.84	117	787171	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	379027	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.27	111	286272	53.75 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	414588	55.68 ppb		0.00
58) Toluene-d8	7.45	98	1192960	53.82 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1561141	54.26 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	461629	54.44 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.41	85	14046	2.10 ppb		100
3) Chloromethane	1.58	50	25663	2.47 ppb		95
4) Vinyl Chloride	1.67	62	19986	2.29 ppb		100
5) Bromomethane	1.95	94	3359	1.74 ppb	#	1
6) Chloroethane	2.03	64	10613	2.22 ppb		95
7) Trichlorofluoromethane	2.28	101	20188	2.06 ppb	#	97
8) Diethyl Ether	2.58	74	14398	4.19 ppb		92
9) 1,1-Dichloroethene	2.81	96	11389	1.98 ppb		94
10) Acrolein	2.74	56	2756	4.75 ppb	#	76
11) Carbon Disulfide	3.05	76	71035	3.72 ppb		99
12) Iodomethane	2.99	142	18181	1.02 ppb	#	94
13) Acetone	2.92	43	9109	-0.68 ppb		94
14) Methylene Chloride	3.39	84	25903	1.41 ppb		98
15) trans-1,2-Dichloroethene	3.68	96	12746	1.90 ppb		95
16) Acrylonitrile	3.70	53	14489	8.39 ppb		96
17) Methyl-tert-butyl Ether	3.70	73	51534	3.73 ppb		99
18) Allyl chloride	3.24	76	11821	4.06 ppb		80
19) 1,1-Dichloroethane	4.15	63	23259	1.95 ppb		98
20) Vinyl Acetate	4.23	43	14182	1.65 ppb		97
21) 2,2-Dichloropropane	4.76	77	10898	1.59 ppb		99
22) cis-1,2-Dichloroethene	4.76	96	10820	1.81 ppb		95
23) 2-Butanone	4.81	43	11413	5.14 ppb		97
24) Methyl Acrylate	4.90	55	13496	3.57 ppb		98
25) Bromochloromethane	5.01	130	5081	2.28 ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21879.D
Acq On : 24 Mar 2006 16:45
Sample : VSTD-2/4PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	Propionitrile	4.89	54	2372	3.76 ppb	#	75
27)	Chloroform	5.10	83	21302	1.94 ppb		99
28)	Methacrylonitrile	5.03	67	6124	3.39 ppb	#	77
29)	1,1,1-Trichloroethane	5.27	97	16713	1.80 ppb		99
30)	Tetrahydrofuran	5.07	42	9425	3.19 ppb		95
31)	1-Chlorobutane	5.37	56	52999	3.85 ppb		99
33)	2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34)	Carbon Tetrachloride	5.42	119	10927	1.63 ppb		92
35)	1,1-Dichloropropene	5.42	75	19665	1.96 ppb		94
37)	Benzene	5.64	78	49306	2.01 ppb		100
38)	1,2-Dichloroethane	5.67	62	17096	2.06 ppb	#	78
40)	Trichloroethene	6.27	130	9989	1.89 ppb		99
41)	1,2-Dichloropropane	6.50	63	11338	1.94 ppb	#	88
42)	Dibromomethane	6.61	174	4693	1.88 ppb		97
43)	Bromodichloromethane	6.77	83	11161	1.68 ppb		99
44)	2-Nitropropane	7.01	41	1937	11.15 ppb	#	90
45)	cis-1,3-Dichloropropene	7.20	75	11028	3.67 ppb		99
46)	Methyl methacrylate	6.62	41	14262	3.34 ppb		97
47)	4-Methyl-2-Pentanone	7.36	58	5018	3.15 ppb	#	90
48)	Toluene	7.51	92	31386	2.08 ppb		93
49)	trans-1,3-Dichloropropene	7.74	75	8971	4.27 ppb		98
50)	1,1,2-Trichloroethane	7.92	97	7363	1.87 ppb		96
51)	Tetrachloroethene	8.03	164	8578	1.90 ppb		96
52)	Ethyl methacrylate	7.83	69	16564	5.28 ppb		96
53)	1,3-Dichloropropane	8.08	76	15217	1.87 ppb		99
54)	Dibromochloromethane	8.29	129	5060	3.91 ppb		100
55)	2-Hexanone	8.16	43	9090	3.20 ppb	#	94
56)	1,2-Dibromoethane	8.41	107	6869	1.81 ppb		97
59)	Chlorobenzene	8.87	112	39252	2.57 ppb	#	1
61)	1,1,1,2-Tetrachloroethane	8.96	131	6384	1.58 ppb		97
62)	Ethylbenzene	8.98	91	57992	1.97 ppb		99
63)	Xylene (m+p)	9.10	91	85375	3.80 ppb		100
64)	Styrene	9.50	104	24110	1.60 ppb		97
65)	Xylene (o)	9.48	91	36711	1.70 ppb		99
66)	Bromoform	9.68	173	2202	4.88 ppb	#	84
67)	Isopropylbenzene	9.84	105	41167	1.66 ppb		100
69)	1,4-Dichloro-2-Butene	10.21	53	4717	3.42 ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21879.D
Acq On : 24 Mar 2006 16:45
Sample : VSTD-2/4PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
71)	Bromobenzene	10.15	77	20778	1.99	ppb		95
72)	1,2,3-Trichloropropane	10.20	75	10538	1.63	ppb		96
73)	1,1,2,2-Tetrachloroethane	10.16	83	9459	1.90	ppb		98
74)	n-Propylbenzene	10.25	91	59772	1.78	ppb		100
75)	2-Chlorotoluene	10.34	126	9471	1.84	ppb		96
76)	4-Chlorotoluene	10.45	126	10137	1.90	ppb		95
77)	1,3,5-Trimethylbenzene	10.43	105	35879	1.70	ppb		98
78)	tert-Butylbenzene	10.75	119	29453	1.68	ppb		99
79)	sec-Butylbenzene	10.97	134	8185	1.60	ppb		79
80)	1,2,4-Trimethylbenzene	10.80	105	34244	1.64	ppb		100
81)	1,3-Dichlorobenzene	11.08	146	19555	1.96	ppb		99
82)	1,4-Dichlorobenzene	11.17	146	21991	2.14	ppb	#	60
83)	Isopropyltoluene	11.12	119	35702	1.66	ppb		98
84)	1,2-Dichlorobenzene	11.55	146	17815	1.96	ppb		98
85)	n-Butylbenzene	11.53	91	37967	1.67	ppb		100
86)	Hexachloroethane	11.79	201	5050	10.33	ppb		97
87)	1,2-Dibromo-3-chloropropan	12.34	75	1141	4.02	ppb	#	65
88)	Nitrobenzene	12.34	77	156	-1.45	ppb	#	39
89)	1,2,4-Trichlorobenzene	13.17	180	10779	1.86	ppb		96
90)	Naphthalene	13.42	128	17194	2.48	ppb		97
91)	Hexachlorobutadiene	13.33	190	3374	1.76	ppb		78
92)	1,2,3-Trichlorobenzene	13.66	180	10872	1.97	ppb		97

(#) = qualifier out of range (m) = manual integration

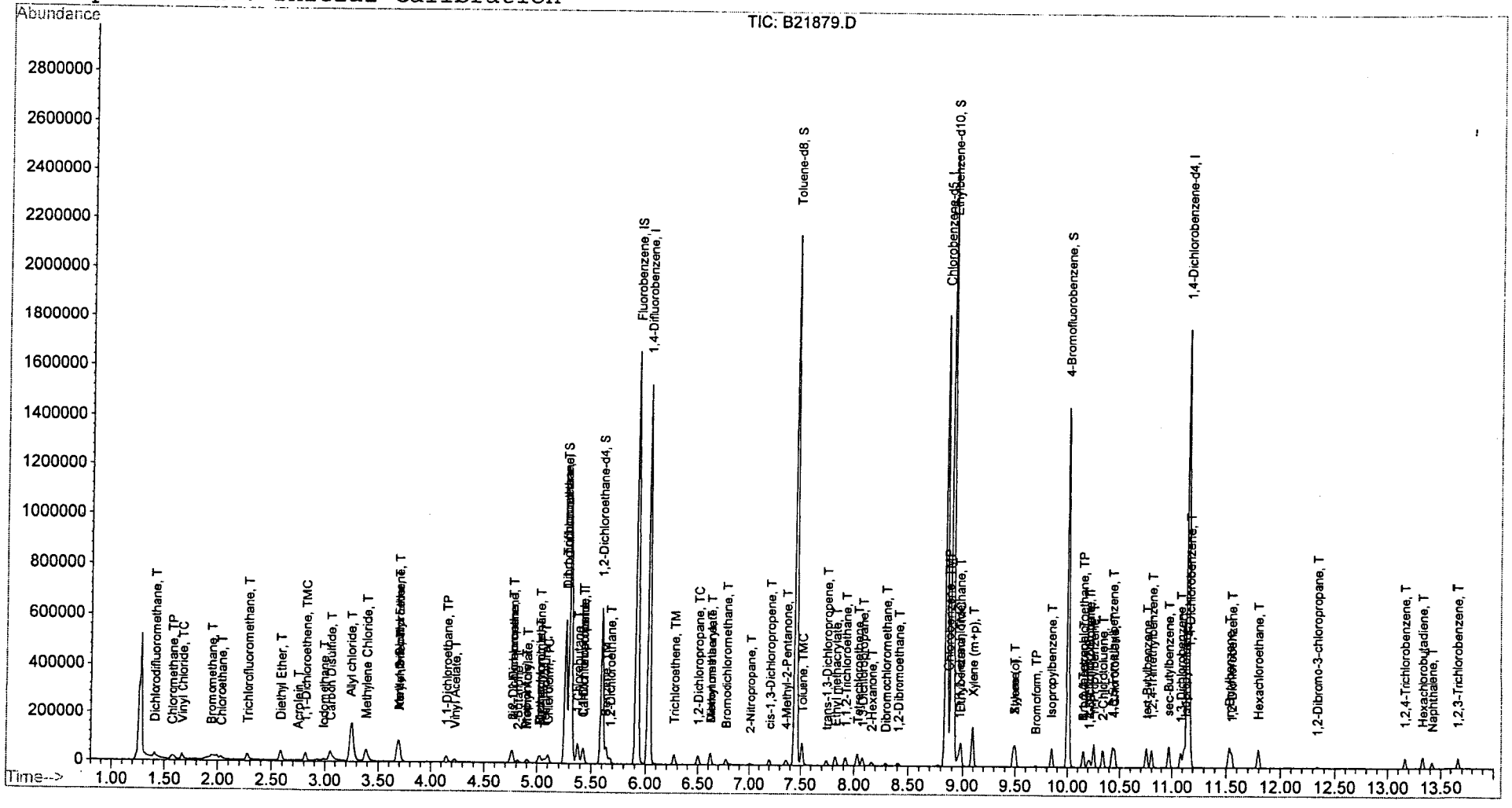
Quantitation Report

Data File : D:\HPDATA\032406\B21879.D
Acq On : 24 Mar 2006 16:45
Sample : VSTD-2/4PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21881.D
Acq On : 24 Mar 2006 17:26
Sample : VSTD-5/10PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.91	96	1164042	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	893927	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	762398	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	367349	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	294749	56.71 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	415022	57.12 ppb		0.00
58) Toluene-d8	7.45	98	1233107	57.44 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1595718	57.26 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	470998	57.31 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	34824	5.33 ppb		100
3) Chloromethane	1.57	50	58686	5.79 ppb		99
4) Vinyl Chloride	1.66	62	44426	5.22 ppb		99
5) Bromomethane	1.94	94	7847	4.18 ppb	#	1
6) Chloroethane	2.03	64	25382	5.43 ppb		96
7) Trichlorofluoromethane	2.27	101	50664	5.29 ppb	#	98
8) Diethyl Ether	2.59	74	34324	10.24 ppb		96
9) 1,1-Dichloroethene	2.81	96	28070	5.01 ppb		92
10) Acrolein	2.74	56	4885	8.64 ppb	#	94
11) Carbon Disulfide	3.05	76	181594	9.74 ppb		99
12) Iodomethane	2.99	142	39016	5.53 ppb		99
13) Acetone	2.92	43	16814	6.46 ppb		93
14) Methylene Chloride	3.38	84	43175	4.81 ppb		99
15) trans-1,2-Dichloroethene	3.68	96	32521	4.97 ppb		97
16) Acrylonitrile	3.70	53	33609	19.94 ppb		99
17) Methyl-tert-butyl Ether	3.69	73	126131	9.36 ppb		100
18) Allyl chloride	3.24	76	30021	10.55 ppb		92
19) 1,1-Dichloroethane	4.15	63	57870	4.96 ppb		100
20) Vinyl Acetate	4.22	43	35829	4.27 ppb		100
21) 2,2-Dichloropropane	4.75	77	28608	4.28 ppb		98
22) cis-1,2-Dichloroethene	4.76	96	27701	4.75 ppb		96
23) 2-Butanone	4.81	43	22528	10.40 ppb		92
24) Methyl Acrylate	4.90	55	31852	8.63 ppb		99
25) Bromochloromethane	5.02	130	11962	5.50 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21881.D
Acq On : 24 Mar 2006 17:26
Sample : VSTD-5/10PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.89	54	5771	9.37 ppb		99
27) Chloroform	5.10	83	55086	5.13 ppb		96
28) Methacrylonitrile	5.03	67	15728	8.92 ppb		81
29) 1,1,1-Trichloroethane	5.26	97	42572	4.70 ppb		99
30) Tetrahydrofuran	5.06	42	17029	8.89 ppb		96
31) 1-Chlorobutane	5.38	56	133518	9.94 ppb		100
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	5.42	119	27818	4.25 ppb		99
35) 1,1-Dichloropropene	5.43	75	46450	4.74 ppb		99
37) Benzene	5.64	78	119547	4.99 ppb		97
38) 1,2-Dichloroethane	5.67	62	41202	5.10 ppb		98
40) Trichloroethene	6.27	130	25683	4.96 ppb		98
41) 1,2-Dichloropropane	6.50	63	26589	4.64 ppb		99
42) Dibromomethane	6.62	174	12017	4.89 ppb		97
43) Bromodichloromethane	6.77	83	28330	4.34 ppb		99
44) 2-Nitropropane	7.00	41	4741	14.47 ppb	#	90
45) cis-1,3-Dichloropropene	7.20	75	28383	5.55 ppb		93
46) Methyl methacrylate	6.62	41	34887	8.34 ppb		100
47) 4-Methyl-2-Pentanone	7.36	58	12960	8.30 ppb	#	90
48) Toluene	7.51	92	73590	4.97 ppb		97
49) trans-1,3-Dichloropropene	7.74	75	23286	6.09 ppb		98
50) 1,1,2-Trichloroethane	7.92	97	18880	4.87 ppb		97
51) Tetrachloroethene	8.03	164	22324	5.05 ppb		93
52) Ethyl methacrylate	7.82	69	43557	9.56 ppb		94
53) 1,3-Dichloropropane	8.08	76	37510	4.70 ppb		100
54) Dibromochloromethane	8.30	129	12521	5.73 ppb		94
55) 2-Hexanone	8.16	43	22777	8.16 ppb		99
56) 1,2-Dibromoethane	8.40	107	16881	4.54 ppb		93
59) Chlorobenzene	8.88	112	79935	5.40 ppb	#	33
61) 1,1,1,2-Tetrachloroethane	8.96	131	16576	4.23 ppb		99
62) Ethylbenzene	8.98	91	144281	5.05 ppb		100
63) Xylene (m+p)	9.09	91	212377	9.75 ppb		99
64) Styrene	9.50	104	66854	4.57 ppb		99
65) Xylene (o)	9.49	91	96459	4.62 ppb		99
66) Bromoform	9.69	173	6549	6.78 ppb	#	83
67) Isopropylbenzene	9.84	105	109375	4.56 ppb		99
69) 1,4-Dichloro-2-Butene	10.22	53	11521	8.61 ppb	#	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21881.D
Acq On : 24 Mar 2006 17:26
Sample : VSTD-5/10PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71)	Bromobenzene	10.15	77	51997	5.13 ppb		95
72)	1,2,3-Trichloropropane	10.20	75	26439	4.23 ppb		99
73)	1,1,2,2-Tetrachloroethane	10.15	83	23387	4.85 ppb		99
74)	n-Propylbenzene	10.25	91	154873	4.75 ppb		99
75)	2-Chlorotoluene	10.34	126	25197	5.05 ppb		95
76)	4-Chlorotoluene	10.45	126	25923	5.01 ppb		97
77)	1,3,5-Trimethylbenzene	10.43	105	98007	4.80 ppb		98
78)	tert-Butylbenzene	10.76	119	79409	4.67 ppb		99
79)	sec-Butylbenzene	10.97	134	23098	4.66 ppb		93
80)	1,2,4-Trimethylbenzene	10.80	105	98771	4.87 ppb		97
81)	1,3-Dichlorobenzene	11.09	146	48114	4.98 ppb		97
82)	1,4-Dichlorobenzene	11.18	146	50458	5.06 ppb	#	85
83)	Isopropyltoluene	11.11	119	95743	4.60 ppb		98
84)	1,2-Dichlorobenzene	11.55	146	44252	5.02 ppb		99
85)	n-Butylbenzene	11.53	91	101596	4.61 ppb		99
86)	Hexachloroethane	11.80	201	13647	13.77 ppb		99
87)	1,2-Dibromo-3-chloropropan	12.34	75	2897	5.88 ppb		92
88)	Nitrobenzene	12.55	77	733	5.99 ppb	#	39
89)	1,2,4-Trichlorobenzene	13.17	180	25544	4.55 ppb		97
90)	Naphthalene	13.42	128	45866	4.78 ppb		100
91)	Hexachlorobutadiene	13.33	190	9138	4.91 ppb		96
92)	1,2,3-Trichlorobenzene	13.66	180	25295	4.73 ppb		96

(#) = qualifier out of range (m) = manual integration

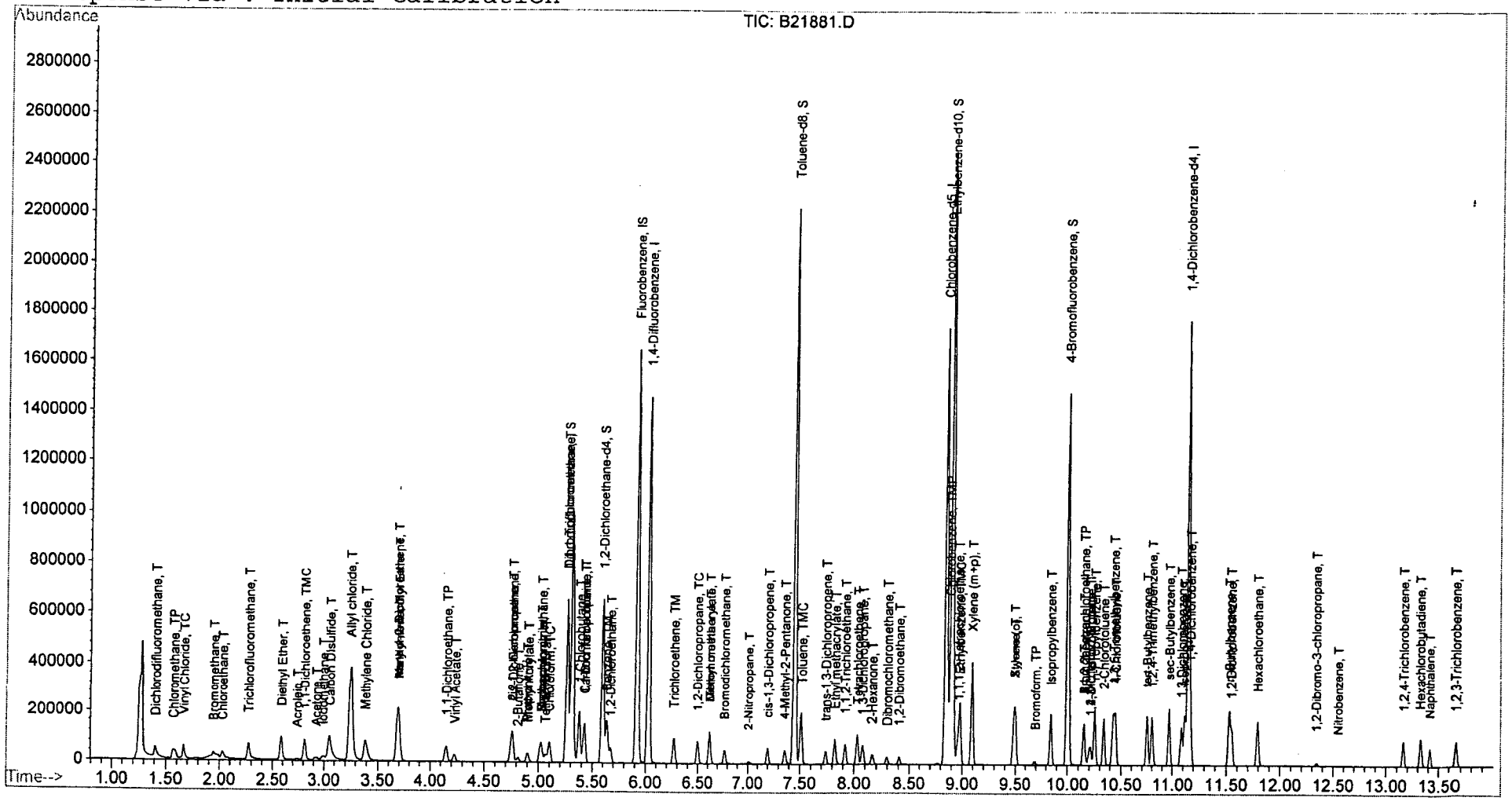
Quantitation Report

Data File : D:\HPDATA\032406\B21881.D
Acq On : 24 Mar 2006 17:26
Sample : VSTD-5/10PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:26 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21883.D
Acq On : 24 Mar 2006 18:07
Sample : VSTD-10/20PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:27 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.92	96	1174434	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	895326	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	791280	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	384962	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	319548	60.93 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	459107	62.63 ppb		0.00
58) Toluene-d8	7.45	98	1343881	60.31 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1757514	60.77 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	528126	61.32 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	67775	10.29 ppb		99
3) Chloromethane	1.58	50	102573	10.03 ppb		99
4) Vinyl Chloride	1.66	62	91113	10.62 ppb		100
5) Bromomethane	1.94	94	16220	8.55 ppb	#	1
6) Chloroethane	2.03	64	49539	10.51 ppb		98
7) Trichlorofluoromethane	2.27	101	105118	10.88 ppb	#	97
8) Diethyl Ether	2.59	74	72559	21.45 ppb		97
9) 1,1-Dichloroethene	2.81	96	60360	10.68 ppb		99
10) Acrolein	2.75	56	11700	20.50 ppb	#	100
11) Carbon Disulfide	3.05	76	383329	20.39 ppb		100
12) Iodomethane	2.99	142	84998	15.27 ppb	#	88
13) Acetone	2.92	43	33238	20.99 ppb		95
14) Methylene Chloride	3.38	84	71307	10.04 ppb		99
15) trans-1,2-Dichloroethene	3.68	96	69896	10.59 ppb		98
16) Acrylonitrile	3.70	53	73095	42.97 ppb		97
17) Methyl-tert-butyl Ether	3.69	73	278931	20.52 ppb		100
18) Allyl chloride	3.24	76	63825	22.24 ppb		92
19) 1,1-Dichloroethane	4.15	63	118821	10.10 ppb		100
20) Vinyl Acetate	4.22	43	82219	9.71 ppb		99
21) 2,2-Dichloropropane	4.75	77	60845	9.02 ppb		100
22) cis-1,2-Dichloroethene	4.76	96	58461	9.94 ppb		99
23) 2-Butanone	4.81	43	46230	21.16 ppb		96
24) Methyl Acrylate	4.90	55	74716	20.07 ppb		99
25) Bromochloromethane	5.01	130	24010	10.95 ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21883.D
Acq On : 24 Mar 2006 18:07
Sample : VSTD-10/20PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:27 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.89	54	13442	21.63 ppb		94
27) Chloroform	5.10	83	110803	10.23 ppb		100
28) Methacrylonitrile	5.03	67	36179	20.34 ppb		82
29) 1,1,1-Trichloroethane	5.26	97	88181	9.64 ppb		99
30) Tetrahydrofuran	5.07	42	33825	20.88 ppb		99
31) 1-Chlorobutane	5.38	56	275706	20.35 ppb		100
33) 2-Chloroethylvinyl ether	7.06	63	349	6.47 ppb	#	52
34) Carbon Tetrachloride	5.42	119	63177	9.57 ppb		100
35) 1,1-Dichloropropene	5.43	75	100136	10.12 ppb		100
37) Benzene	5.64	78	243515	10.08 ppb		98
38) 1,2-Dichloroethane	5.67	62	87178	10.69 ppb		97
40) Trichloroethene	6.27	130	51745	9.98 ppb		97
41) 1,2-Dichloropropane	6.50	63	56293	9.81 ppb		98
42) Dibromomethane	6.62	174	24821	10.09 ppb		97
43) Bromodichloromethane	6.77	83	60545	9.26 ppb		100
44) 2-Nitropropane	7.01	41	10847	21.60 ppb	#	90
45) cis-1,3-Dichloropropene	7.20	75	67856	9.74 ppb		99
46) Methyl methacrylate	6.62	41	81537	19.45 ppb		98
47) 4-Methyl-2-Pentanone	7.36	58	30018	19.19 ppb	#	86
48) Toluene	7.51	92	148906	10.03 ppb		100
49) trans-1,3-Dichloropropene	7.74	75	53986	9.93 ppb		100
50) 1,1,2-Trichloroethane	7.92	97	39011	10.05 ppb		98
51) Tetrachloroethene	8.03	164	46020	10.40 ppb		98
52) Ethyl methacrylate	7.82	69	109334	19.87 ppb		98
53) 1,3-Dichloropropane	8.07	76	79783	9.98 ppb		99
54) Dibromochloromethane	8.30	129	30419	10.02 ppb		96
55) 2-Hexanone	8.16	43	56183	20.10 ppb		99
56) 1,2-Dibromoethane	8.40	107	36695	9.85 ppb		99
59) Chlorobenzene	8.88	112	153089	9.96 ppb	#	81
61) 1,1,1,2-Tetrachloroethane	8.96	131	36820	9.05 ppb		99
62) Ethylbenzene	8.98	91	296717	10.01 ppb		100
63) Xylene (m+p)	9.09	91	460968	20.40 ppb		100
64) Styrene	9.50	104	151078	9.95 ppb		99
65) Xylene (o)	9.48	91	216600	9.99 ppb		99
66) Bromoform	9.69	173	15424	10.36 ppb		95
67) Isopropylbenzene	9.85	105	245518	9.87 ppb		100
69) 1,4-Dichloro-2-Butene	10.22	53	26909	19.19 ppb	#	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21883.D
Acq On : 24 Mar 2006 18:07
Sample : VSTD-10/20PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:27 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71) Bromobenzene	10.15	77	106547	10.04 ppb		99
72) 1,2,3-Trichloropropane	10.20	75	62188	9.50 ppb		100
73) 1,1,2,2-Tetrachloroethane	10.16	83	51851	10.25 ppb		100
74) n-Propylbenzene	10.25	91	346701	10.15 ppb		99
75) 2-Chlorotoluene	10.34	126	52460	10.04 ppb		98
76) 4-Chlorotoluene	10.45	126	55845	10.29 ppb		98
77) 1,3,5-Trimethylbenzene	10.43	105	217233	10.14 ppb		99
78) tert-Butylbenzene	10.75	119	177108	9.93 ppb		99
79) sec-Butylbenzene	10.97	134	52443	10.10 ppb		96
80) 1,2,4-Trimethylbenzene	10.80	105	217258	10.22 ppb		100
81) 1,3-Dichlorobenzene	11.09	146	102651	10.14 ppb		97
82) 1,4-Dichlorobenzene	11.17	146	105622	10.11 ppb		92
83) Isopropyltoluene	11.11	119	223846	10.26 ppb		97
84) 1,2-Dichlorobenzene	11.55	146	94855	10.27 ppb		99
85) n-Butylbenzene	11.53	91	232050	10.04 ppb		99
86) Hexachloroethane	11.80	201	32146	20.47 ppb		100
87) 1,2-Dibromo-3-chloropropan	12.34	75	8043	10.83 ppb		98
88) Nitrobenzene	12.55	77	1764	17.67 ppb	#	55
89) 1,2,4-Trichlorobenzene	13.17	180	57310	9.74 ppb		100
90) Naphthalene	13.42	128	115494	9.84 ppb		100
91) Hexachlorobutadiene	13.32	190	19985	10.25 ppb		94
92) 1,2,3-Trichlorobenzene	13.66	180	55309	9.87 ppb		100

(#) = qualifier out of range (m) = manual integration

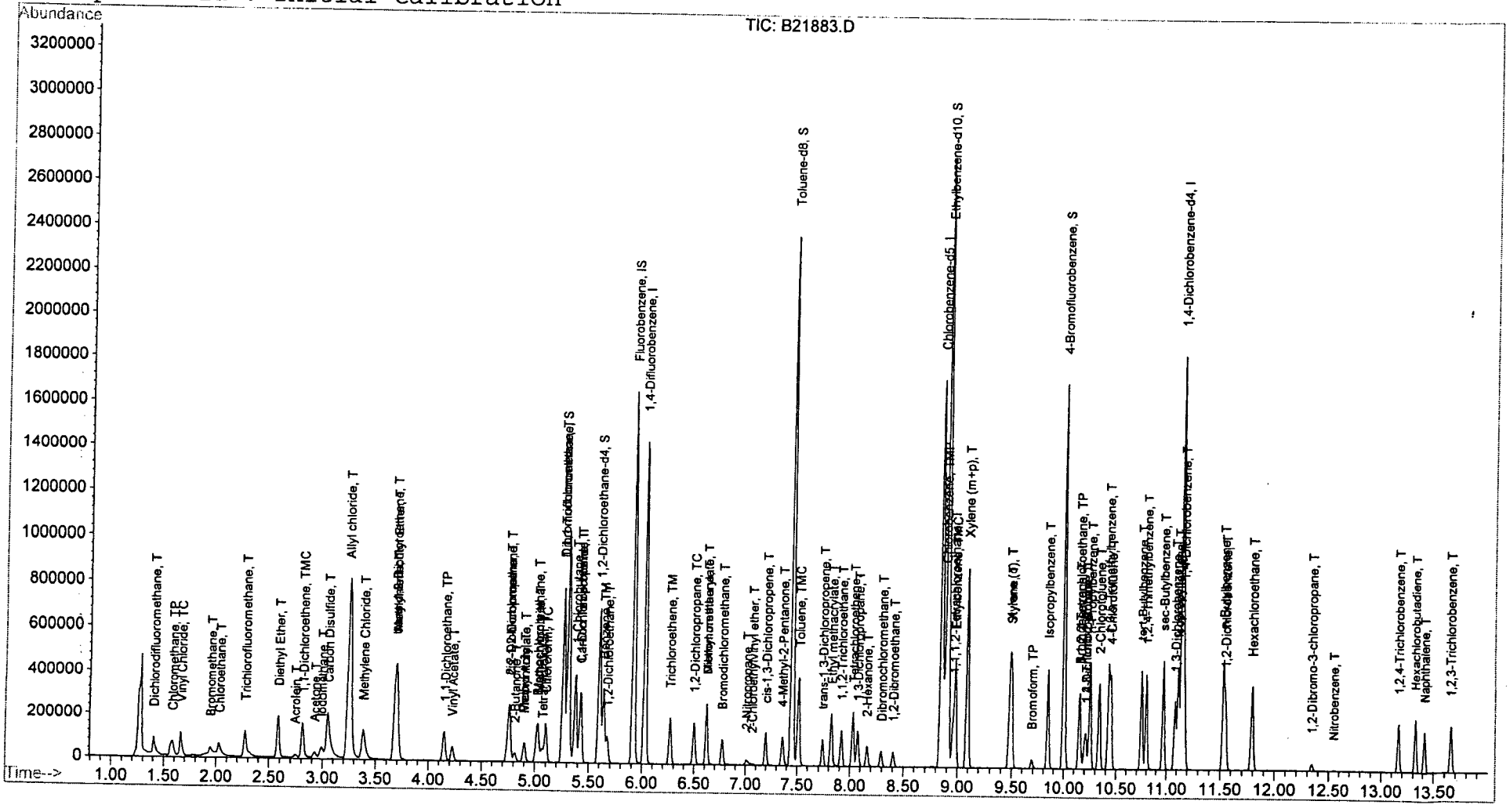
Quantitation Report

Data File : D:\HPDATA\032406\B21883.D
Acq On : 24 Mar 2006 18:07
Sample : VSTD-10/20PPB
Misc : ISSS+VOC,AA,SS (1:10)
MS Integration Params: rteint.p
Quant Time: Mar 27 11:27 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21885.D
Acq On : 24 Mar 2006 18:49
Sample : VSTD-20/40PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.P

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.91	96	1246038	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	950108	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	824142	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	405396	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	394770	70.95 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	547641	70.41 ppb		0.00
58) Toluene-d8	7.45	98	1645697	70.92 ppb		0.00
60) Ethylbenzene-d10	8.90	98	2134078	70.85 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	638619	70.41 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	151058	21.62 ppb		100
3) Chloromethane	1.58	50	212007	19.53 ppb		100
4) Vinyl Chloride	1.66	62	189991	20.87 ppb		99
5) Bromomethane	1.94	94	37206	18.49 ppb	#	1
6) Chloroethane	2.03	64	105431	21.08 ppb		100
7) Trichlorofluoromethane	2.27	101	218241	21.29 ppb	#	99
8) Diethyl Ether	2.59	74	147433	41.09 ppb		99
9) 1,1-Dichloroethene	2.81	96	126194	21.04 ppb		100
10) Acrolein	2.74	56	24079	39.77 ppb	#	99
11) Carbon Disulfide	3.05	76	845849	42.40 ppb		100
12) Iodomethane	2.99	142	220505	42.56 ppb		96
13) Acetone	2.92	43	61813	43.33 ppb		98
14) Methylene Chloride	3.38	84	134044	20.42 ppb		98
15) trans-1,2-Dichloroethene	3.68	96	149132	21.29 ppb		100
16) Acrylonitrile	3.70	53	151709	84.07 ppb		97
17) Methyl-tert-butyl Ether	3.70	73	592075	41.06 ppb		100
18) Allyl chloride	3.24	76	137731	45.23 ppb		96
19) 1,1-Dichloroethane	4.15	63	262688	21.04 ppb		97
20) Vinyl Acetate	4.22	43	186687	20.78 ppb		99
21) 2,2-Dichloropropane	4.75	77	141094	19.71 ppb		97
22) cis-1,2-Dichloroethene	4.77	96	127010	20.35 ppb		98
23) 2-Butanone	4.81	43	91268	39.37 ppb		96
24) Methyl Acrylate	4.90	55	164846	41.73 ppb		99
25) Bromochloromethane	5.02	130	47533	20.43 ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21885.D
Acq On : 24 Mar 2006 18:49
Sample : VSTD-20/40PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.89	54	26881	40.77 ppb		97
27) Chloroform	5.10	83	234148	20.38 ppb		100
28) Methacrylonitrile	5.03	67	79486	42.12 ppb	#	78
29) 1,1,1-Trichloroethane	5.26	97	201097	20.72 ppb		97
30) Tetrahydrofuran	5.06	42	65872	41.24 ppb		97
31) 1-Chlorobutane	5.38	56	608284	42.32 ppb		99
33) 2-Chloroethylvinyl ether	7.07	63	906	19.04 ppb	#	52
34) Carbon Tetrachloride	5.42	119	141494	20.20 ppb		98
35) 1,1-Dichloropropene	5.43	75	218218	20.79 ppb		99
37) Benzene	5.64	78	522154	20.37 ppb		99
38) 1,2-Dichloroethane	5.67	62	177395	20.51 ppb		99
40) Trichloroethene	6.27	130	111715	20.31 ppb		100
41) 1,2-Dichloropropane	6.50	63	123473	20.27 ppb		99
42) Dibromomethane	6.62	174	53077	20.33 ppb		99
43) Bromodichloromethane	6.77	83	138139	19.90 ppb		99
44) 2-Nitropropane	7.01	41	25097	36.57 ppb	#	96
45) cis-1,3-Dichloropropene	7.20	75	163657	18.92 ppb		99
46) Methyl methacrylate	6.62	41	183029	41.15 ppb		100
47) 4-Methyl-2-Pentanone	7.36	58	69297	41.75 ppb	#	91
48) Toluene	7.51	92	317356	20.15 ppb		99
49) trans-1,3-Dichloropropene	7.74	75	129506	18.45 ppb		99
50) 1,1,2-Trichloroethane	7.92	97	85794	20.84 ppb		99
51) Tetrachloroethene	8.03	164	97983	20.86 ppb		97
52) Ethyl methacrylate	7.82	69	246738	39.18 ppb		98
53) 1,3-Dichloropropane	8.07	76	174836	20.61 ppb		98
54) Dibromochloromethane	8.30	129	71380	18.86 ppb		99
55) 2-Hexanone	8.16	43	125941	42.46 ppb		98
56) 1,2-Dibromoethane	8.40	107	80519	20.37 ppb		97
59) Chlorobenzene	8.88	112	318955	19.92 ppb		88
61) 1,1,1,2-Tetrachloroethane	8.96	131	86499	20.42 ppb		99
62) Ethylbenzene	8.98	91	643706	20.84 ppb		100
63) Xylene (m+p)	9.09	91	997873	42.40 ppb		100
64) Styrene	9.50	104	332190	21.01 ppb		99
65) Xylene (o)	9.48	91	478774	21.20 ppb		100
66) Bromoform	9.69	173	36098	18.34 ppb		99
67) Isopropylbenzene	9.84	105	555333	21.43 ppb		100
69) 1,4-Dichloro-2-Butene	10.21	53	60276	40.81 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21885.D
Acq On : 24 Mar 2006 18:49
Sample : VSTD-20/40PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	228118	20.41 ppb	97
72) 1,2,3-Trichloropropane	10.20	75	137996	20.01 ppb	99
73) 1,1,2,2-Tetrachloroethane	10.16	83	109342	20.53 ppb	100
74) n-Propylbenzene	10.25	91	756406	21.04 ppb	99
75) 2-Chlorotoluene	10.34	126	112211	20.39 ppb	99
76) 4-Chlorotoluene	10.45	126	115845	20.27 ppb	97
77) 1,3,5-Trimethylbenzene	10.43	105	472769	20.96 ppb	99
78) tert-Butylbenzene	10.75	119	394970	21.04 ppb	99
79) sec-Butylbenzene	10.97	134	118911	21.74 ppb	97
80) 1,2,4-Trimethylbenzene	10.80	105	473180	21.14 ppb	99
81) 1,3-Dichlorobenzene	11.09	146	220376	20.67 ppb	99
82) 1,4-Dichlorobenzene	11.17	146	223867	20.35 ppb	98
83) Isopropyltoluene	11.11	119	487293	21.22 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	200368	20.59 ppb	99
85) n-Butylbenzene	11.52	91	520682	21.40 ppb	100
86) Hexachloroethane	11.80	201	80191	36.99 ppb	100
87) 1,2-Dibromo-3-chloropropan	12.34	75	17012	18.85 ppb	98
88) Nitrobenzene	12.56	77	4528	45.18 ppb	94
89) 1,2,4-Trichlorobenzene	13.17	180	126224	20.37 ppb	100
90) Naphthalene	13.42	128	271288	20.52 ppb	99
91) Hexachlorobutadiene	13.33	190	43872	21.38 ppb	96
92) 1,2,3-Trichlorobenzene	13.66	180	123595	20.94 ppb	97

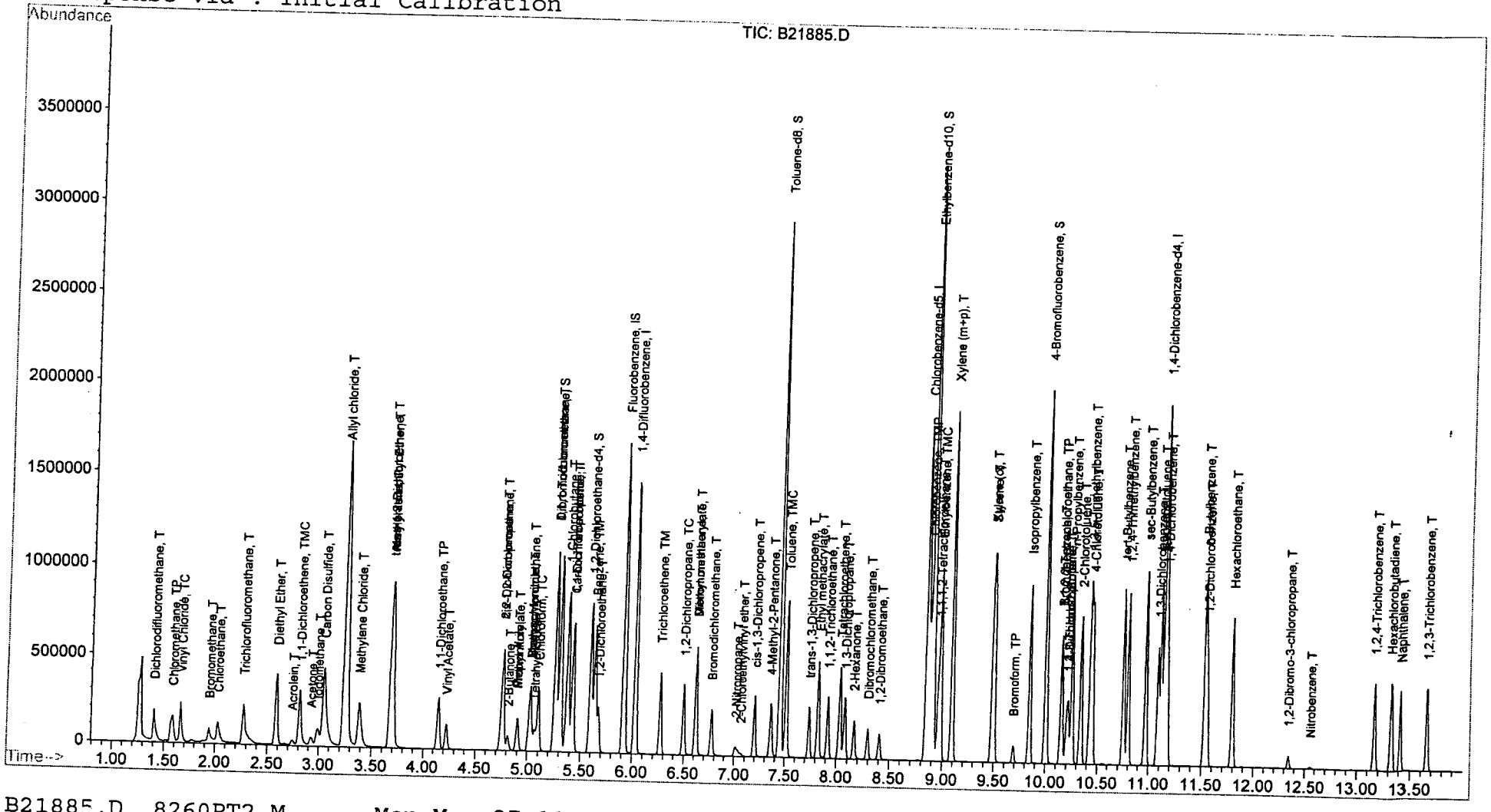
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21885.D
Acq On : 24 Mar 2006 18:49
Sample : VSTD-20/40PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21887.D
Acq On : 24 Mar 2006 19:30
Sample : VSTD-50/100PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1273189	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.03	114	963438	50.00 ppb	0.00
57) Chlorobenzene-d5	8.85	117	854706	50.00 ppb	0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	419649	50.00 ppb	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	554959	97.62 ppb	0.00
36) 1,2-Dichloroethane-d4	5.60	65	761164	95.78 ppb	0.00
58) Toluene-d8	7.45	98	2334560	97.00 ppb	0.00
60) Ethylbenzene-d10	8.90	98	3011579	96.40 ppb	0.00
70) 4-Bromofluorobenzene	10.00	95	903659	96.25 ppb	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.40	85	349858	48.99 ppb	100
3) Chloromethane	1.58	50	495309	44.66 ppb	100
4) Vinyl Chloride	1.66	62	455837	49.00 ppb	100
5) Bromomethane	1.94	94	89700	43.64 ppb #	1
6) Chloroethane	2.03	64	245554	48.06 ppb	100
7) Trichlorofluoromethane	2.27	101	509455	48.63 ppb #	100
8) Diethyl Ether	2.59	74	363922	99.25 ppb	100
9) 1,1-Dichloroethene	2.82	96	302875	49.43 ppb	100
10) Acrolein	2.74	56	62387	100.83 ppb #	100
11) Carbon Disulfide	3.05	76	2052357	100.69 ppb	100
12) Iodomethane	2.99	142	383444	77.33 ppb #	86
13) Acetone	2.92	43	142655	108.81 ppb	100
14) Methylene Chloride	3.39	84	305393	49.71 ppb	100
15) trans-1,2-Dichloroethene	3.68	96	354803	49.58 ppb	100
16) Acrylonitrile	3.70	53	377364	204.65 ppb	100
17) Methyl-tert-butyl Ether	3.70	73	1521189	103.24 ppb	100
18) Allyl chloride	3.24	76	309093	99.35 ppb	100
19) 1,1-Dichloroethane	4.15	63	633566	49.65 ppb	100
20) Vinyl Acetate	4.23	43	490378	53.43 ppb	100
21) 2,2-Dichloropropane	4.75	77	380310	51.99 ppb	100
22) cis-1,2-Dichloroethene	4.77	96	327882	51.42 ppb	100
23) 2-Butanone	4.81	43	225794	95.32 ppb	100
24) Methyl Acrylate	4.90	55	433510	107.39 ppb	100
25) Bromochloromethane	5.02	130	112078	47.13 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21887.D
Acq On : 24 Mar 2006 19:30
Sample : VSTD-50/100PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	4.90	54	72711	107.92 ppb	100
27) Chloroform	5.10	83	586489	49.97 ppb	100
28) Methacrylonitrile	5.02	67	207268	107.49 ppb	100
29) 1,1,1-Trichloroethane	5.26	97	504055	50.83 ppb	100
30) Tetrahydrofuran	5.07	42	164081	105.56 ppb	100
31) 1-Chlorobutane	5.38	56	1474732	100.41 ppb	100
33) 2-Chloroethylvinyl ether	7.07	63	3001	56.62 ppb	100
34) Carbon Tetrachloride	5.42	119	376984	52.66 ppb	100
35) 1,1-Dichloropropene	5.43	75	539283	50.27 ppb	100
37) Benzene	5.63	78	1302069	49.72 ppb	100
38) 1,2-Dichloroethane	5.67	62	442869	50.11 ppb	100
40) Trichloroethene	6.27	130	277944	49.84 ppb	100
41) 1,2-Dichloropropane	6.50	63	309605	50.13 ppb	100
42) Dibromomethane	6.62	174	136288	51.48 ppb	100
43) Bromodichloromethane	6.77	83	368949	52.42 ppb	100
44) 2-Nitropropane	7.01	41	75845	91.34 ppb	100
45) cis-1,3-Dichloropropene	7.20	75	466099	48.59 ppb	100
46) Methyl methacrylate	6.62	41	497158	110.22 ppb	100
47) 4-Methyl-2-Pentanone	7.36	58	188825	112.20 ppb	100
48) Toluene	7.51	92	795300	49.80 ppb	100
49) trans-1,3-Dichloropropene	7.74	75	380588	47.48 ppb	100
50) 1,1,2-Trichloroethane	7.91	97	212540	50.90 ppb	100
51) Tetrachloroethene	8.03	164	234406	49.20 ppb	100
52) Ethyl methacrylate	7.82	69	677727	101.48 ppb	100
53) 1,3-Dichloropropane	8.08	76	447890	52.06 ppb	100
54) Dibromochloromethane	8.29	129	203928	48.21 ppb	100
55) 2-Hexanone	8.17	43	332715	110.61 ppb	100
56) 1,2-Dibromoethane	8.40	107	209289	52.20 ppb	100
59) Chlorobenzene	8.88	112	767420	46.22 ppb	100
61) 1,1,1,2-Tetrachloroethane	8.95	131	233501	53.16 ppb	100
62) Ethylbenzene	8.98	91	1592533	49.72 ppb	100
63) Xylene (m+p)	9.09	91	2454626	100.57 ppb	100
64) Styrene	9.50	104	862632	52.61 ppb	100
65) Xylene (o)	9.49	91	1217603	51.99 ppb	100
66) Bromoform	9.69	173	110692	46.47 ppb	100
67) Isopropylbenzene	9.84	105	1407235	52.37 ppb	100
69) 1,4-Dichloro-2-Butene	10.22	53	164168	107.39 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21887.D
Acq On : 24 Mar 2006 19:30
Sample : VSTD-50/100PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	567810	49.07 ppb	100
72) 1,2,3-Trichloropropane	10.20	75	376831	52.79 ppb	100
73) 1,1,2,2-Tetrachloroethane	10.16	83	280551	50.89 ppb	100
74) n-Propylbenzene	10.25	91	1879471	50.49 ppb	100
75) 2-Chlorotoluene	10.34	126	285058	50.03 ppb	100
76) 4-Chlorotoluene	10.45	126	292750	49.49 ppb	100
77) 1,3,5-Trimethylbenzene	10.42	105	1198584	51.34 ppb	100
78) tert-Butylbenzene	10.75	119	1014004	52.18 ppb	100
79) sec-Butylbenzene	10.97	134	293553	51.86 ppb	100
80) 1,2,4-Trimethylbenzene	10.80	105	1189603	51.33 ppb	100
81) 1,3-Dichlorobenzene	11.08	146	549993	49.83 ppb	100
82) 1,4-Dichlorobenzene	11.18	146	548689	48.19 ppb	100
83) Isopropyltoluene	11.11	119	1222645	51.43 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	498495	49.49 ppb	100
85) n-Butylbenzene	11.53	91	1296505	51.47 ppb	100
86) Hexachloroethane	11.79	201	241464	91.56 ppb	100
87) 1,2-Dibromo-3-chloropropan	12.34	75	52397	50.40 ppb	100
88) Nitrobenzene	12.55	77	11689	104.89 ppb	100
89) 1,2,4-Trichlorobenzene	13.16	180	328559	51.22 ppb	100
90) Naphthalene	13.42	128	720148	50.80 ppb	100
91) Hexachlorobutadiene	13.33	190	109690	51.63 ppb	100
92) 1,2,3-Trichlorobenzene	13.66	180	307348	50.29 ppb	100

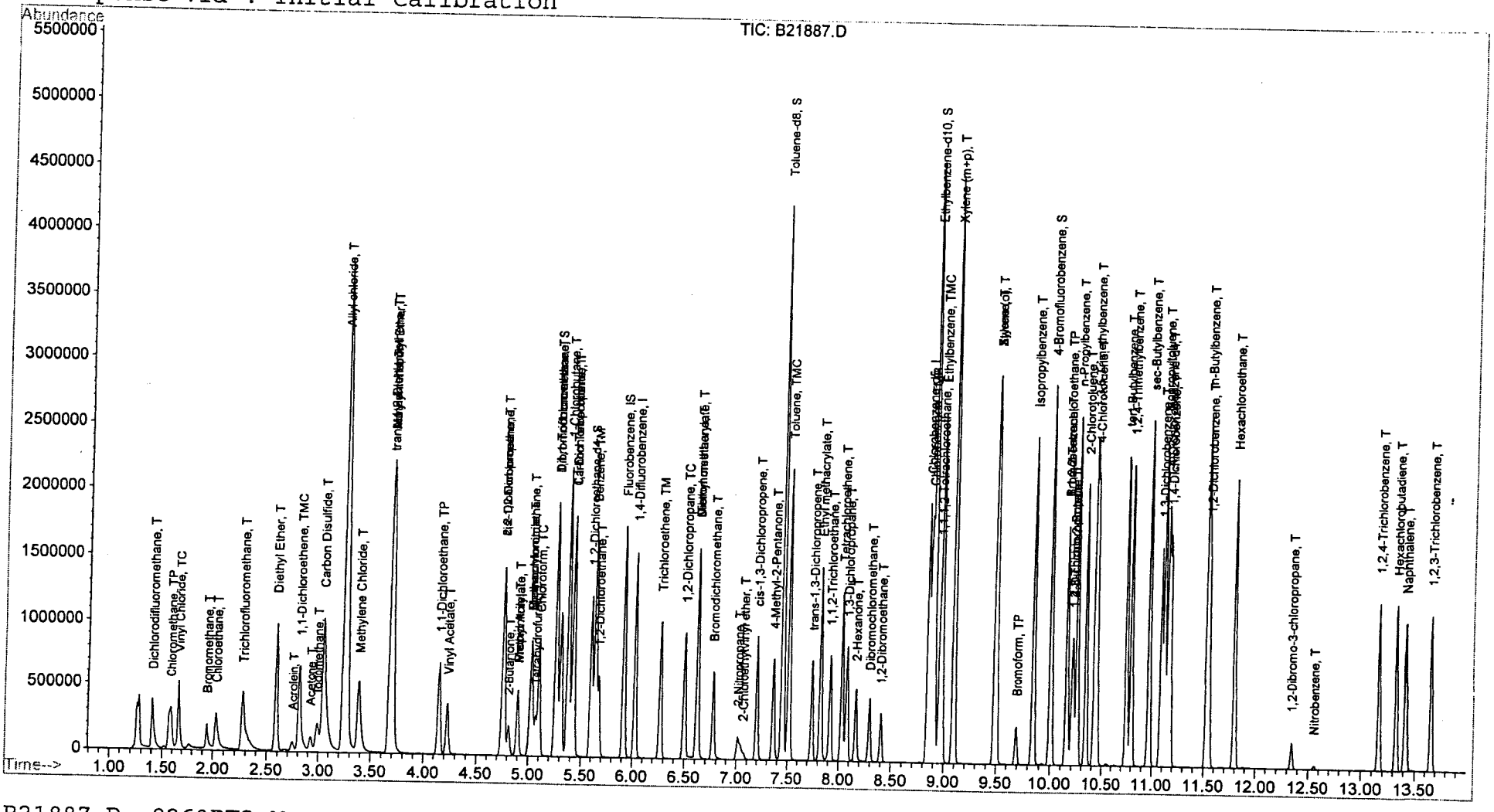
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21887.D
Acq On : 24 Mar 2006 19:30
Sample : VSTD-50/100PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:28 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21889.D
Acq On : 24 Mar 2006 20:11
Sample : VSTD-100/200PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.92	96	1421462	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1067122	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	944664	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	464952	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	885430	139.50 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	1175536	132.49 ppb		0.00
58) Toluene-d8	7.45	98	3719872	139.84 ppb		0.00
60) Ethylbenzene-d10	8.90	98	4797815	138.96 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	1436403	138.09 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	744621	93.40 ppb		100
3) Chloromethane	1.58	50	1094602	88.40 ppb		100
4) Vinyl Chloride	1.66	62	958891	92.33 ppb		100
5) Bromomethane	1.94	94	191803	83.58 ppb	#	1
6) Chloroethane	2.03	64	527215	92.42 ppb		100
7) Trichlorofluoromethane	2.28	101	1102908	94.30 ppb	#	99
8) Diethyl Ether	2.59	74	783970	191.51 ppb		99
9) 1,1-Dichloroethene	2.82	96	659541	96.40 ppb		99
10) Acrolein	2.74	56	125114	181.12 ppb	#	97
11) Carbon Disulfide	3.05	76	4588567	201.63 ppb		100
12) Iodomethane	2.99	142	796116	161.70 ppb		95
13) Acetone	2.92	43	276228	195.10 ppb		99
14) Methylene Chloride	3.38	84	669965	100.97 ppb		100
15) trans-1,2-Dichloroethene	3.68	96	775960	97.11 ppb		99
16) Acrylonitrile	3.70	53	729501	354.35 ppb		99
17) Methyl-tert-butyl Ether	3.69	73	3300962	200.66 ppb		100
18) Allyl chloride	3.24	76	641250	184.61 ppb		90
19) 1,1-Dichloroethane	4.15	63	1401805	98.40 ppb		99
20) Vinyl Acetate	4.23	43	1085098	105.89 ppb		99
21) 2,2-Dichloropropane	4.75	77	897449	109.88 ppb		100
22) cis-1,2-Dichloroethene	4.77	96	724797	101.80 ppb		100
23) 2-Butanone	4.81	43	437397	165.39 ppb		99
24) Methyl Acrylate	4.90	55	891662	197.85 ppb		100
25) Bromochloromethane	5.02	130	241873	91.11 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21889.D
Acq On : 24 Mar 2006 20:11
Sample : VSTD-100/200PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.89	54	138705	184.39 ppb		98
27) Chloroform	5.10	83	1285417	98.09 ppb		100
28) Methacrylonitrile	5.03	67	424742	197.30 ppb		98
29) 1,1,1-Trichloroethane	5.26	97	1136806	102.67 ppb		95
30) Tetrahydrofuran	5.06	42	316792	185.09 ppb		98
31) 1-Chlorobutane	5.38	56	3206117	195.52 ppb		100
33) 2-Chloroethylvinyl ether	7.07	63	6872	99.27 ppb	#	95
34) Carbon Tetrachloride	5.42	119	862317	107.89 ppb		100
35) 1,1-Dichloropropene	5.43	75	1183966	98.86 ppb		99
37) Benzene	5.64	78	2861226	97.86 ppb		100
38) 1,2-Dichloroethane	5.67	62	943656	95.64 ppb		99
40) Trichloroethene	6.27	130	624538	101.10 ppb		98
41) 1,2-Dichloropropane	6.50	63	699276	102.22 ppb		99
42) Dibromomethane	6.62	174	291517	99.42 ppb		98
43) Bromodichloromethane	6.77	83	858208	110.08 ppb		99
44) 2-Nitropropane	7.01	41	178792	184.33 ppb		100
45) cis-1,3-Dichloropropene	7.20	75	1084594	99.31 ppb		99
46) Methyl methacrylate	6.62	41	1041791	208.53 ppb		99
47) 4-Methyl-2-Pentanone	7.36	58	385826	206.97 ppb		99
48) Toluene	7.51	92	1733965	98.03 ppb		100
49) trans-1,3-Dichloropropene	7.74	75	912705	99.10 ppb		100
50) 1,1,2-Trichloroethane	7.92	97	462181	99.94 ppb		99
51) Tetrachloroethene	8.03	164	517607	98.09 ppb		97
52) Ethyl methacrylate	7.82	69	1462508	195.14 ppb		99
53) 1,3-Dichloropropane	8.08	76	961755	100.93 ppb		99
54) Dibromochloromethane	8.30	129	475784	98.55 ppb		100
55) 2-Hexanone	8.16	43	680043	204.11 ppb		99
56) 1,2-Dibromoethane	8.40	107	456662	102.84 ppb		98
59) Chlorobenzene	8.88	112	1669209	90.97 ppb		96
61) 1,1,1,2-Tetrachloroethane	8.96	131	544911	112.25 ppb		100
62) Ethylbenzene	8.98	91	3504019	98.98 ppb		100
63) Xylene (m+p)	9.09	91	5364905	198.87 ppb		99
64) Styrene	9.50	104	1917150	105.80 ppb		100
65) Xylene (o)	9.48	91	2697034	104.20 ppb		100
66) Bromoform	9.69	173	264210	95.76 ppb		99
67) Isopropylbenzene	9.85	105	3086023	103.92 ppb		100
69) 1,4-Dichloro-2-Butene	10.22	53	347580	205.21 ppb		95

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21889.D
Acq On : 24 Mar 2006 20:11
Sample : VSTD-100/200PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	1251889	97.65 ppb	99
72) 1,2,3-Trichloropropane	10.21	75	820867	103.80 ppb	100
73) 1,1,2,2-Tetrachloroethane	10.16	83	591621	96.86 ppb	98
74) n-Propylbenzene	10.25	91	4158064	100.82 ppb	100
75) 2-Chlorotoluene	10.34	126	629184	99.67 ppb	100
76) 4-Chlorotoluene	10.45	126	652515	99.56 ppb	100
77) 1,3,5-Trimethylbenzene	10.43	105	2633056	101.79 ppb	100
78) tert-Butylbenzene	10.76	119	2202568	102.30 ppb	100
79) sec-Butylbenzene	10.97	134	639328	101.93 ppb	97
80) 1,2,4-Trimethylbenzene	10.80	105	2628102	102.35 ppb	100
81) 1,3-Dichlorobenzene	11.09	146	1211004	99.02 ppb	99
82) 1,4-Dichlorobenzene	11.18	146	1229302	97.44 ppb	98
83) Isopropyltoluene	11.11	119	2719156	103.24 ppb	99
84) 1,2-Dichlorobenzene	11.55	146	1101741	98.73 ppb	100
85) n-Butylbenzene	11.53	91	2889450	103.54 ppb	100
86) Hexachloroethane	11.80	201	591623	192.30 ppb	100
87) 1,2-Dibromo-3-chloropropan	12.34	75	107608	90.96 ppb	99
88) Nitrobenzene	12.56	77	26346	188.38 ppb	96
89) 1,2,4-Trichlorobenzene	13.17	180	745990	104.97 ppb	98
90) Naphthalene	13.42	128	1515358	95.43 ppb	100
91) Hexachlorobutadiene	13.33	190	233005	98.98 ppb	96
92) 1,2,3-Trichlorobenzene	13.66	180	681606	100.67 ppb	99

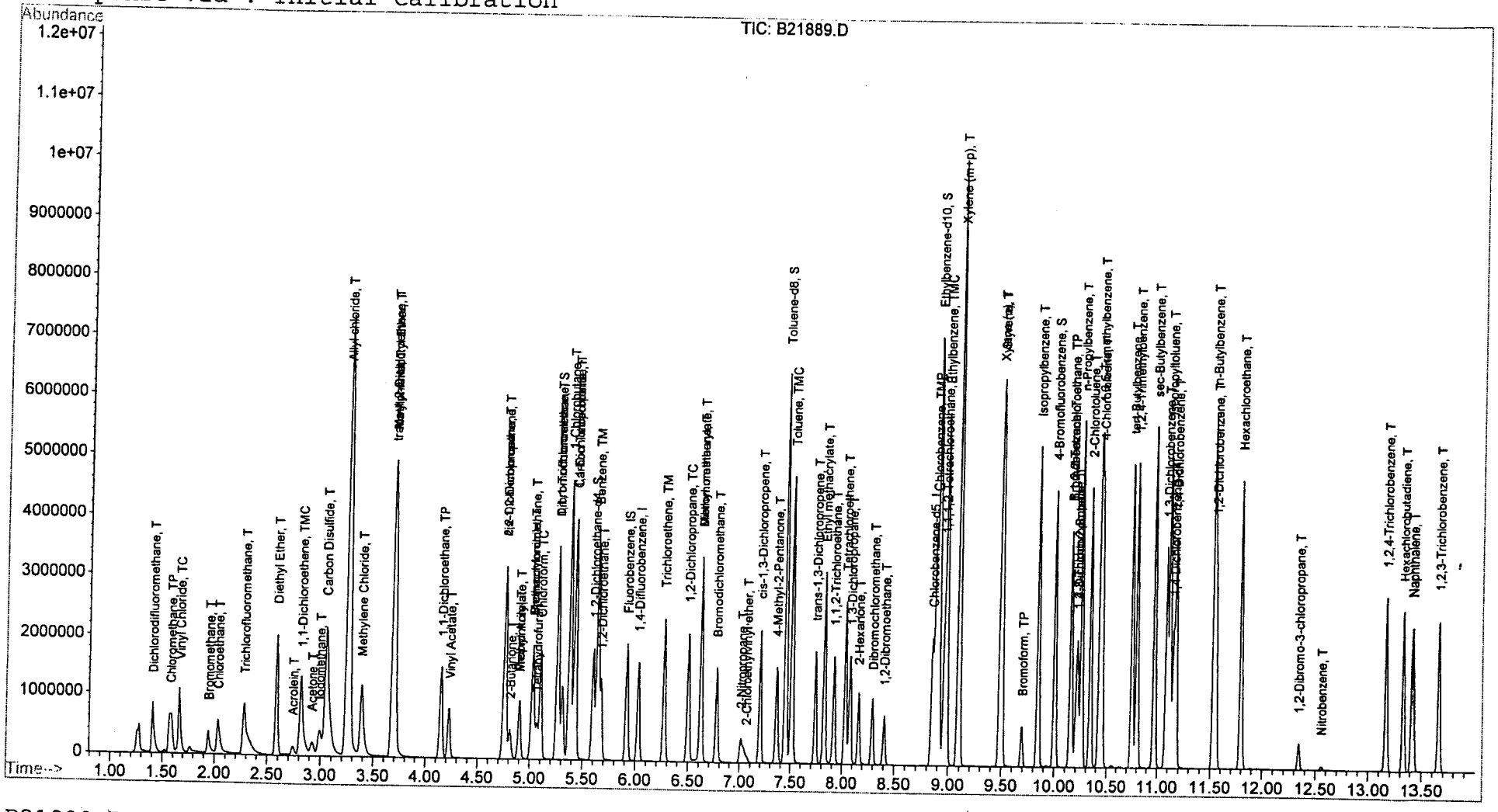
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21889.D
Acq On : 24 Mar 2006 20:11
Sample : VSTD-100/200PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21891.D
Acq On : 24 Mar 2006 20:52
Sample : VSTD-120/240PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.91	96	1400336	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1061397	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	933355	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	454244	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	320762	51.30 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	422393	48.32 ppb		0.00
58) Toluene-d8	7.45	98	1370030	52.13 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1747012	51.21 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	526359	51.79 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	891025	113.45 ppb		100
3) Chloromethane	1.58	50	1318279	108.08 ppb		100
4) Vinyl Chloride	1.66	62	1124974	109.95 ppb		99
5) Bromomethane	1.94	94	226101	100.01 ppb	#	1
6) Chloroethane	2.03	64	623250	110.90 ppb		99
7) Trichlorofluoromethane	2.28	101	1302598	113.05 ppb	#	99
8) Diethyl Ether	2.59	74	925313	229.45 ppb		98
9) 1,1-Dichloroethene	2.82	96	793199	117.69 ppb		98
10) Acrolein	2.74	56	164265	241.39 ppb	#	98
11) Carbon Disulfide	3.05	76	5461097	243.59 ppb		99
12) Iodomethane	2.99	142	968047	214.39 ppb		97
13) Acetone	2.92	43	406216	295.52 ppb		99
14) Methylene Chloride	3.39	84	787679	121.16 ppb		99
15) trans-1,2-Dichloroethene	3.68	96	935503	118.85 ppb		98
16) Acrylonitrile	3.70	53	943721	465.32 ppb		98
17) Methyl-tert-butyl Ether	3.70	73	3983389	245.79 ppb		100
18) Allyl chloride	3.24	76	751747	219.68 ppb		93
19) 1,1-Dichloroethane	4.15	63	1683495	119.96 ppb		100
20) Vinyl Acetate	4.23	43	1305517	129.33 ppb		99
21) 2,2-Dichloropropane	4.75	77	1115783	138.68 ppb		100
22) cis-1,2-Dichloroethene	4.77	96	879430	125.38 ppb		99
23) 2-Butanone	4.81	43	601853	231.01 ppb		99
24) Methyl Acrylate	4.90	55	1139841	256.73 ppb		100
25) Bromochloromethane	5.02	130	285624	109.21 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21891.D
Acq On : 24 Mar 2006 20:52
Sample : VSTD-120/240PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	4.90	54	180979	244.22 ppb	100
27) Chloroform	5.10	83	1541714	119.43 ppb	100
28) Methacrylonitrile	5.03	67	542102	255.61 ppb	97
29) 1,1,1-Trichloroethane	5.26	97	1385222	127.00 ppb	94
30) Tetrahydrofuran	5.07	42	413156	246.17 ppb	98
31) 1-Chlorobutane	5.38	56	3876465	239.97 ppb	100
33) 2-Chloroethylvinyl ether	7.07	63	8354	115.68 ppb	99
34) Carbon Tetrachloride	5.42	119	1061296	134.79 ppb	100
35) 1,1-Dichloropropene	5.43	75	1449766	122.87 ppb	99
37) Benzene	5.64	78	3457970	120.05 ppb	99
38) 1,2-Dichloroethane	5.67	62	1116470	114.86 ppb	100
40) Trichloroethene	6.27	130	757759	123.33 ppb	99
41) 1,2-Dichloropropane	6.50	63	850133	124.95 ppb	99
42) Dibromomethane	6.62	174	360379	123.57 ppb	98
43) Bromodichloromethane	6.77	83	1036971	133.73 ppb	98
44) 2-Nitropropane	7.01	41	239831	245.48 ppb	100
45) cis-1,3-Dichloropropene	7.20	75	1318544	120.82 ppb	99
46) Methyl methacrylate	6.62	41	1306623	262.95 ppb	100
47) 4-Methyl-2-Pentanone	7.36	58	496145	267.59 ppb	100
48) Toluene	7.51	92	2098625	119.29 ppb	99
49) trans-1,3-Dichloropropene	7.74	75	1110187	120.49 ppb	99
50) 1,1,2-Trichloroethane	7.92	97	556769	121.04 ppb	99
51) Tetrachloroethene	8.03	164	632383	120.49 ppb	98
52) Ethyl methacrylate	7.82	69	1817433	243.13 ppb	99
53) 1,3-Dichloropropane	8.08	76	1166913	123.12 ppb	99
54) Dibromochloromethane	8.30	129	580734	120.32 ppb	99
55) 2-Hexanone	8.17	43	881410	265.97 ppb	98
56) 1,2-Dibromoethane	8.40	107	559433	126.66 ppb	99
59) Chlorobenzene	8.88	112	1987275	109.61 ppb	88
61) 1,1,1,2-Tetrachloroethane	8.95	131	649558	135.42 ppb	100
62) Ethylbenzene	8.98	91	4183108	119.59 ppb	99
63) Xylene (m+p)	9.09	91	6472275	242.83 ppb	99
64) Styrene	9.50	104	2314309	129.26 ppb	100
65) Xylene (o)	9.49	91	3232230	126.39 ppb	99
66) Bromoform	9.69	173	334251	121.50 ppb	99
67) Isopropylbenzene	9.84	105	3757751	128.07 ppb	100
69) 1,4-Dichloro-2-Butene	10.22	53	437963	264.66 ppb #	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21891.D
Acq On : 24 Mar 2006 20:52
Sample : VSTD-120/240PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	1502894	119.99 ppb	98
72) 1,2,3-Trichloropropane	10.21	75	1060201	137.22 ppb	99
73) 1,1,2,2-Tetrachloroethane	10.16	83	730525	122.42 ppb	98
74) n-Propylbenzene	10.25	91	5058884	125.56 ppb	100
75) 2-Chlorotoluene	10.34	126	761013	123.40 ppb	99
76) 4-Chlorotoluene	10.45	126	784971	122.59 ppb	98
77) 1,3,5-Trimethylbenzene	10.43	105	3186607	126.09 ppb	100
78) tert-Butylbenzene	10.75	119	2678863	127.35 ppb	99
79) sec-Butylbenzene	10.97	134	776608	126.74 ppb	98
80) 1,2,4-Trimethylbenzene	10.80	105	3154164	125.74 ppb	99
81) 1,3-Dichlorobenzene	11.08	146	1443106	120.78 ppb	100
82) 1,4-Dichlorobenzene	11.18	146	1463247	118.72 ppb	99
83) Isopropyltoluene	11.11	119	3279363	127.44 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	1309147	120.08 ppb	99
85) n-Butylbenzene	11.53	91	3502467	128.46 ppb	100
86) Hexachloroethane	11.79	201	735179	242.31 ppb	100
87) 1,2-Dibromo-3-chloropropan	12.34	75	140563	120.64 ppb	99
88) Nitrobenzene	12.55	77	36942	248.41 ppb	96
89) 1,2,4-Trichlorobenzene	13.16	180	900678	129.72 ppb	99
90) Naphthalene	13.42	128	1900263	122.16 ppb	100
91) Hexachlorobutadiene	13.33	190	281392	122.36 ppb	97
92) 1,2,3-Trichlorobenzene	13.66	180	820000	123.97 ppb	99

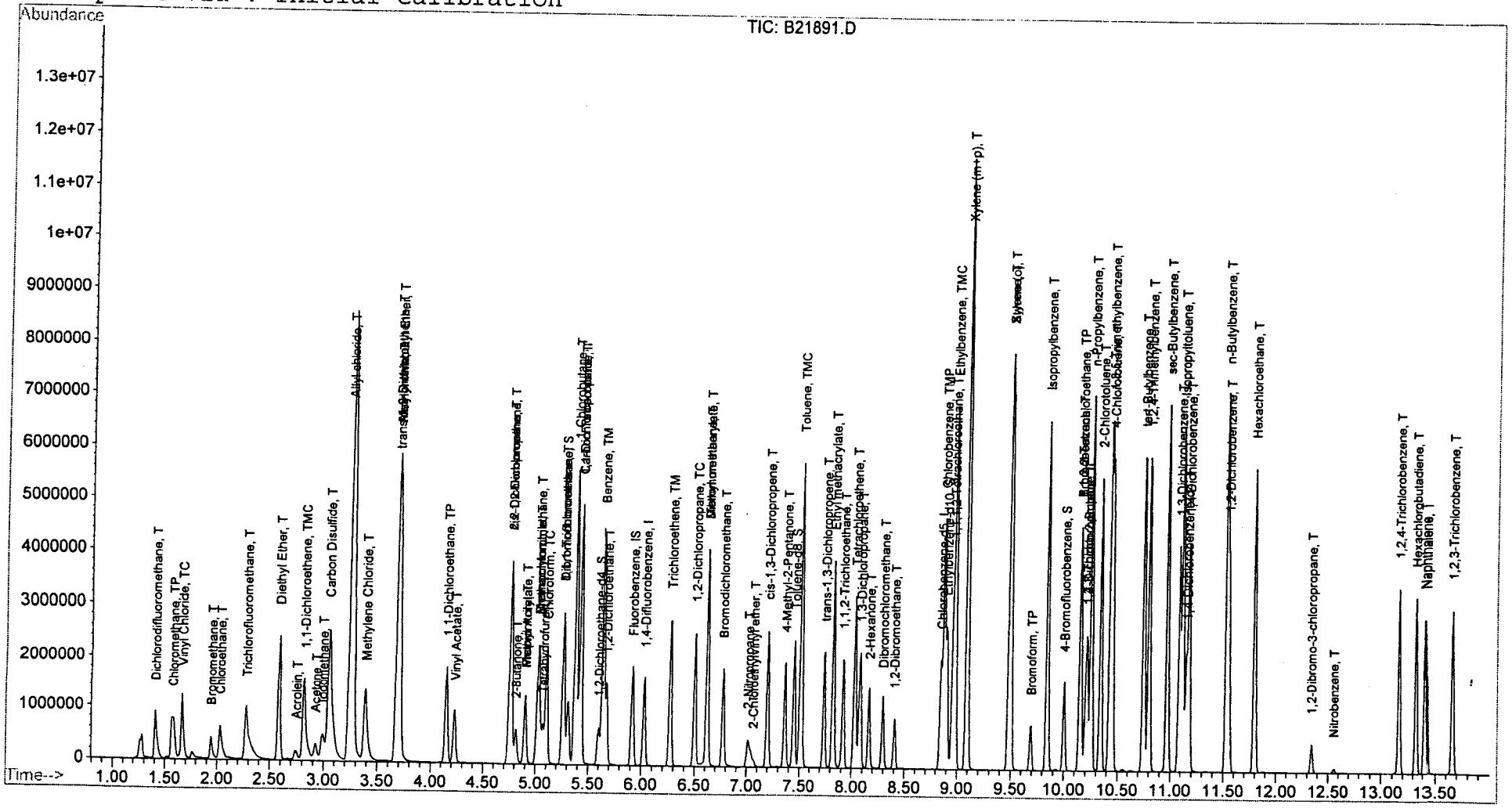
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21891.D
Acq On : 24 Mar 2006 20:52
Sample : VSTD-120/240PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:29 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21893.D
Acq On : 24 Mar 2006 21:33
Sample : VSTD-150/300PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:30 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.91	96	1405915	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1063508	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	937414	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	449006	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	320520	51.06 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	416861	47.50 ppb		0.00
58) Toluene-d8	7.45	98	1360763	51.55 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1742271	50.85 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	518548	51.62 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	1081508	137.16 ppb		99
3) Chloromethane	1.56	50	1745378	142.52 ppb		98
4) Vinyl Chloride	1.66	62	1361572	132.55 ppb		100
5) Bromomethane	1.94	94	269172	118.59 ppb	#	1
6) Chloroethane	2.03	64	753550	133.55 ppb		100
7) Trichlorofluoromethane	2.28	101	1568627	135.60 ppb	#	99
8) Diethyl Ether	2.59	74	1120422	276.72 ppb		99
9) 1,1-Dichloroethene	2.82	96	967028	142.91 ppb		98
10) Acrolein	2.74	56	206786	302.67 ppb	#	100
11) Carbon Disulfide	3.05	76	6658934	295.85 ppb		100
12) Iodomethane	2.99	142	1056630	242.42 ppb		90
13) Acetone	2.92	43	410421	297.45 ppb		100
14) Methylene Chloride	3.39	84	964247	148.48 ppb		98
15) trans-1,2-Dichloroethene	3.68	96	1160661	146.87 ppb		97
16) Acrylonitrile	3.70	53	1161995	570.67 ppb		99
17) Methyl-tert-butyl Ether	3.70	73	4954489	304.50 ppb		100
18) Allyl chloride	3.24	76	882311	256.82 ppb		94
19) 1,1-Dichloroethane	4.15	63	2107337	149.56 ppb		100
20) Vinyl Acetate	4.23	43	1681151	165.88 ppb		99
21) 2,2-Dichloropropane	4.75	77	1415411	175.22 ppb		99
22) cis-1,2-Dichloroethene	4.77	96	1100328	156.26 ppb		99
23) 2-Butanone	4.81	43	697865	266.80 ppb		100
24) Methyl Acrylate	4.90	55	1424943	319.67 ppb		100
25) Bromochloromethane	5.02	130	346390	131.92 ppb		99

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21893.D
Acq On : 24 Mar 2006 21:33
Sample : VSTD-150/300PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:30 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.90	54	224187	301.33 ppb		98
27) Chloroform	5.10	83	1917739	147.97 ppb		100
28) Methacrylonitrile	5.03	67	679624	319.18 ppb		95
29) 1,1,1-Trichloroethane	5.26	97	1741184	159.00 ppb		92
30) Tetrahydrofuran	5.07	42	509174	302.97 ppb		100
31) 1-Chlorobutane	5.38	56	4796550	295.74 ppb		100
33) 2-Chloroethylvinyl ether	7.07	63	12424	152.21 ppb	#	94
34) Carbon Tetrachloride	5.42	119	1320176	167.01 ppb		100
35) 1,1-Dichloropropene	5.43	75	1786264	150.79 ppb		99
37) Benzene	5.64	78	4322805	149.48 ppb		99
38) 1,2-Dichloroethane	5.67	62	1371353	140.53 ppb		99
40) Trichloroethene	6.27	130	933057	151.56 ppb		99
41) 1,2-Dichloropropane	6.50	63	1063963	156.06 ppb		99
42) Dibromomethane	6.62	174	440355	150.69 ppb		97
43) Bromodichloromethane	6.77	83	1292937	166.41 ppb		99
44) 2-Nitropropane	7.01	41	304898	309.06 ppb		99
45) cis-1,3-Dichloropropene	7.20	75	1651384	150.39 ppb		99
46) Methyl methacrylate	6.62	41	1625649	326.50 ppb		100
47) 4-Methyl-2-Pentanone	7.36	58	616601	331.90 ppb		99
48) Toluene	7.51	92	2606888	147.88 ppb		99
49) trans-1,3-Dichloropropene	7.74	75	1403476	151.19 ppb		100
50) 1,1,2-Trichloroethane	7.92	97	704550	152.87 ppb		99
51) Tetrachloroethene	8.03	164	777782	147.90 ppb		97
52) Ethyl methacrylate	7.82	69	2254576	300.36 ppb		98
53) 1,3-Dichloropropane	8.08	76	1452916	152.99 ppb		99
54) Dibromochloromethane	8.30	129	735754	151.41 ppb		100
55) 2-Hexanone	8.16	43	1079402	325.07 ppb		97
56) 1,2-Dibromoethane	8.40	107	700409	158.26 ppb		100
59) Chlorobenzene	8.88	112	2450591	134.58 ppb		87
61) 1,1,1,2-Tetrachloroethane	8.96	131	812103	168.58 ppb		100
62) Ethylbenzene	8.98	91	5183614	147.55 ppb		99
63) Xylene (m+p)	9.09	91	7896498	294.98 ppb		99
64) Styrene	9.50	104	2842998	158.10 ppb		98
65) Xylene (o)	9.49	91	3972820	154.68 ppb		100
66) Bromoform	9.69	173	425397	152.90 ppb		100
67) Isopropylbenzene	9.84	105	4609417	156.42 ppb		100
69) 1,4-Dichloro-2-Butene	10.22	53	541103	330.80 ppb	#	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21893.D
Acq On : 24 Mar 2006 21:33
Sample : VSTD-150/300PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:30 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	1852190	149.60 ppb	98
72) 1,2,3-Trichloropropane	10.21	75	1315763	172.29 ppb	100
73) 1,1,2,2-Tetrachloroethane	10.16	83	904895	153.41 ppb	100
74) n-Propylbenzene	10.25	91	6146353	154.33 ppb	99
75) 2-Chlorotoluene	10.34	126	933254	153.09 ppb	98
76) 4-Chlorotoluene	10.45	126	949821	150.07 ppb	99
77) 1,3,5-Trimethylbenzene	10.43	105	3869770	154.91 ppb	100
78) tert-Butylbenzene	10.76	119	3287751	158.12 ppb	99
79) sec-Butylbenzene	10.97	134	960798	158.63 ppb	99
80) 1,2,4-Trimethylbenzene	10.80	105	3837011	154.74 ppb	99
81) 1,3-Dichlorobenzene	11.09	146	1741448	147.45 ppb	100
82) 1,4-Dichlorobenzene	11.18	146	1757976	144.30 ppb	99
83) Isopropyltoluene	11.11	119	3960572	155.71 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	1588415	147.40 ppb	100
85) n-Butylbenzene	11.53	91	4182045	155.18 ppb	100
86) Hexachloroethane	11.80	201	925347	306.25 ppb	100
87) 1,2-Dibromo-3-chloropropan	12.34	75	179975	155.42 ppb	98
88) Nitrobenzene	12.56	77	46988	298.94 ppb	97
89) 1,2,4-Trichlorobenzene	13.17	180	1042302	151.87 ppb	99
90) Naphthalene	13.42	128	2325901	150.99 ppb	100
91) Hexachlorobutadiene	13.33	190	341649	150.29 ppb	96
92) 1,2,3-Trichlorobenzene	13.66	180	971282	148.55 ppb	99

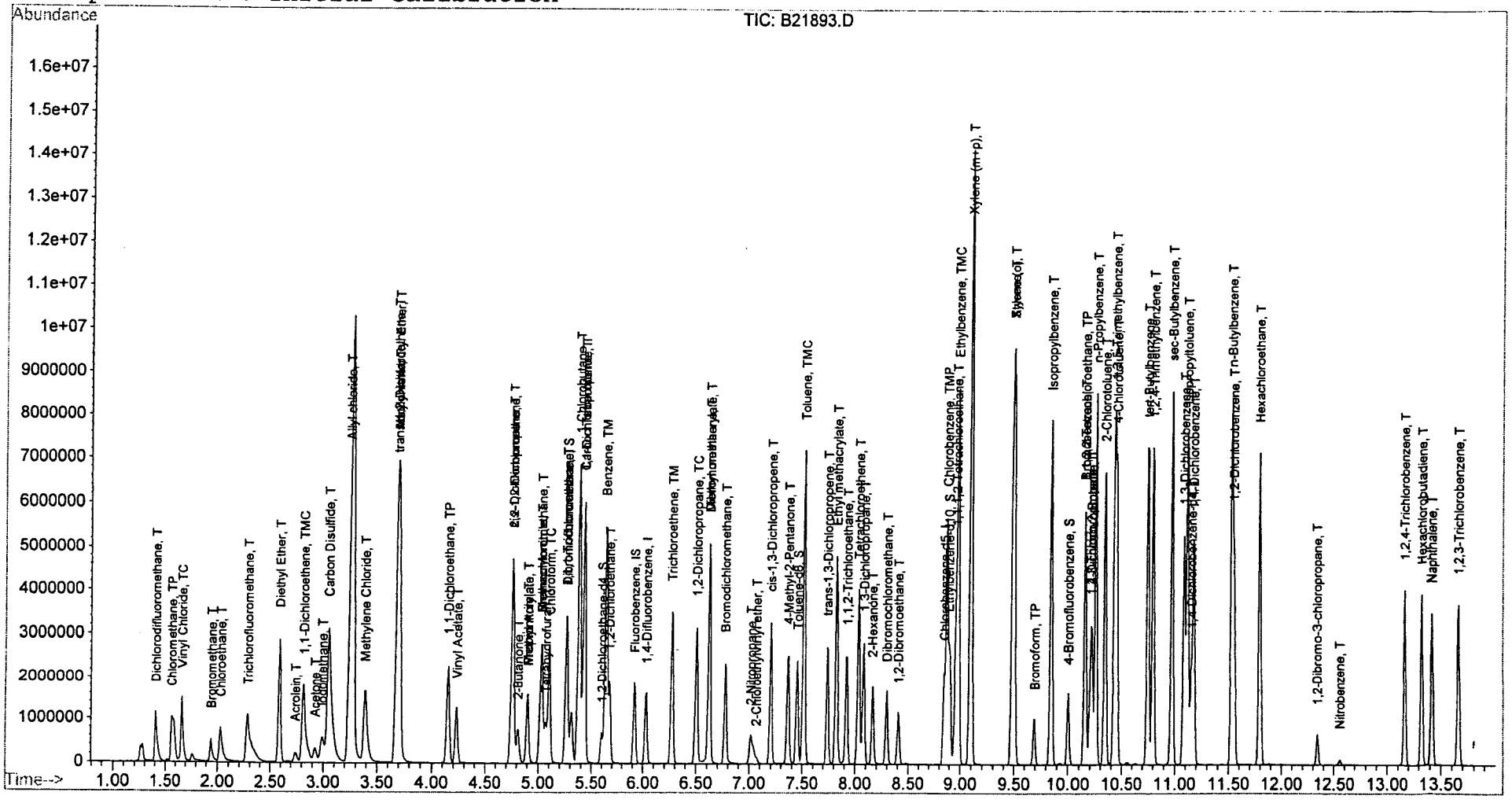
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21893.D
Acq On : 24 Mar 2006 21:33
Sample : VSTD-150/300PPB
Misc : ISSS+VOC,AA,SS
MS Integration Params: rteint.p
Quant Time: Mar 27 11:30 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:18 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1415217	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.03	114	1078289	50.00 ppb	0.00
57) Chlorobenzene-d5	8.85	117	941777	50.00 ppb	0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	452477	50.00 ppb	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	325232	51.47 ppb	0.00
36) 1,2-Dichloroethane-d4	5.60	65	427306	48.37 ppb	0.00
58) Toluene-d8	7.45	98	1374529	51.83 ppb	0.00
60) Ethylbenzene-d10	8.90	98	1748710	50.80 ppb	0.00
70) 4-Bromofluorobenzene	10.00	95	527840	52.14 ppb	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.40	85	350728	44.19 ppb	100
3) Chloromethane	1.58	50	488219	39.60 ppb (1)	99
4) Vinyl Chloride	1.66	62	427342	41.33 ppb	99
5) Bromomethane	1.94	94	76824	33.62 ppb # 44.45 ppb	1
6) Chloroethane	2.03	64	240756	42.39 ppb	99
7) Trichlorofluoromethane	2.27	101	485233	41.67 ppb #	99
8) Diethyl Ether	2.59	74	344743	84.59 ppb	99
9) 1,1-Dichloroethene	2.82	96	294226	43.20 ppb	98
10) Acrolein	2.74	56	44016	64.00 ppb #	99
11) Carbon Disulfide	3.05	76	2108796	93.07 ppb	100
12) Iodomethane	2.99	142	377292	67.36 ppb 82.14 ppb	95
13) Acetone	2.92	43	136788	92.67 ppb	99
14) Methylene Chloride	3.38	84	296577	43.00 ppb	99
15) trans-1,2-Dichloroethene	3.68	96	364593	45.83 ppb	95
16) Acrylonitrile	3.70	53	388160	189.38 ppb	99
17) Methyl-tert-butyl Ether	3.70	73	1527969	93.29 ppb	98
18) Allyl chloride	3.24	76	268793	77.72 ppb #	1
19) 1,1-Dichloroethane	4.15	63	645192	45.49 ppb	100
20) Vinyl Acetate	4.23	43	404082	39.61 ppb (2)	99
21) 2,2-Dichloropropane	4.75	77	385193	47.37 ppb	98
22) cis-1,2-Dichloroethene	4.77	96	337532	47.62 ppb	99
23) 2-Butanone	4.81	43	230335	87.48 ppb	100
24) Methyl Acrylate	4.90	55	438330	97.69 ppb	100
25) Bromochloromethane	5.02	130	109421	41.40 ppb	99

Manually integrate peak + tail for Bromomethane & Iodomethane

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:18 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.90	54	69488	92.78 ppb		100
27) Chloroform	5.10	83	591608	45.35 ppb		99
28) Methacrylonitrile	5.03	67	208245	97.16 ppb		96
29) 1,1,1-Trichloroethane	5.26	97	503578	45.68 ppb		98
30) Tetrahydrofuran	5.07	42	156347	89.99 ppb		99
31) 1-Chlorobutane	5.38	56	1522930	93.28 ppb		100
33) 2-Chloroethylvinyl ether	7.07	63	2976	51.46 ppb		97
34) Carbon Tetrachloride	5.42	119	374779	47.10 ppb		99
35) 1,1-Dichloropropene	5.43	75	539065	45.21 ppb		99
37) Benzene	5.64	78	1344538	46.19 ppb		100
38) 1,2-Dichloroethane	5.67	62	425203	43.29 ppb		100
40) Trichloroethene	6.27	130	290253	46.50 ppb		98
41) 1,2-Dichloropropane	6.50	63	321073	46.45 ppb		99
42) Dibromomethane	6.62	174	134161	45.28 ppb		98
43) Bromodichloromethane	6.77	83	389198	49.41 ppb		98
44) 2-Nitropropane	7.01	41	74381	81.14 ppb		100
45) cis-1,3-Dichloropropene	7.20	75	432037	40.68 ppb		99
46) Methyl methacrylate	6.62	41	499290	98.90 ppb		99
47) 4-Methyl-2-Pentanone	7.36	58	200475	106.43 ppb	#	68
48) Toluene	7.51	92	823867	46.09 ppb		100
49) trans-1,3-Dichloropropene	7.74	75	385554	43.27 ppb		99
50) 1,1,2-Trichloroethane	7.92	97	215166	46.04 ppb		98
51) Tetrachloroethene	8.03	164	263826	49.48 ppb		97
52) Ethyl methacrylate	7.82	69	680681	91.35 ppb		100
53) 1,3-Dichloropropane	8.08	76	448246	46.55 ppb		99
54) Dibromochloromethane	8.30	129	209673	44.51 ppb		98
55) 2-Hexanone	8.16	43	343110	101.91 ppb		97
56) 1,2-Dibromoethane	8.40	107	212615	47.38 ppb		99
59) Chlorobenzene	8.88	112	803540	43.92 ppb		92
61) 1,1,1,2-Tetrachloroethane	8.96	131	247855	51.21 ppb		99
62) Ethylbenzene	8.98	91	1651167	46.78 ppb		100
63) Xylene (m+p)	9.09	91	2544373	94.61 ppb		100
64) Styrene	9.50	104	893033	49.43 ppb		99
65) Xylene (o)	9.48	91	1250950	48.48 ppb		99
66) Bromoform	9.69	173	112231	43.08 ppb		100
67) Isopropylbenzene	9.84	105	1515418	51.19 ppb		100
69) 1,4-Dichloro-2-Butene	10.22	53	158012	95.86 ppb		89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:18 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	596223	47.79 ppb	100
72) 1,2,3-Trichloropropane	10.20	75	397596	51.66 ppb	98
73) 1,1,2,2-Tetrachloroethane	10.16	83	284360	47.84 ppb	99
74) n-Propylbenzene	10.25	91	1934756	48.21 ppb	99
75) 2-Chlorotoluene	10.34	126	297011	48.35 ppb	98
76) 4-Chlorotoluene	10.45	126	303002	47.51 ppb	99
77) 1,3,5-Trimethylbenzene	10.43	105	1242878	49.37 ppb	100
78) tert-Butylbenzene	10.75	119	1429935	68.24 ppb	95
79) sec-Butylbenzene	10.97	134	283222	46.40 ppb	95
80) 1,2,4-Trimethylbenzene	10.80	105	1206843	48.30 ppb	99
81) 1,3-Dichlorobenzene	11.09	146	566887	47.63 ppb	100
82) 1,4-Dichlorobenzene	11.17	146	572921	46.67 ppb	99
83) Isopropyltoluene	11.11	119	1313144	51.23 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	521973	48.07 ppb	100
85) n-Butylbenzene	11.53	91	1324115	48.75 ppb	100
86) Hexachloroethane	11.80	201	262905	92.38 ppb	98
87) 1,2-Dibromo-3-chloropropan	12.34	75	52146	46.74 ppb	100
88) Nitrobenzene	12.56	77	12158	101.67 ppb	99
89) 1,2,4-Trichlorobenzene	13.17	180	338710	48.97 ppb	97
90) Naphthalene	13.42	128	718425	47.09 ppb	100
91) Hexachlorobutadiene	13.33	190	108972	47.57 ppb	97
92) 1,2,3-Trichlorobenzene	13.66	180	320251	48.60 ppb	99

Del 3rd source

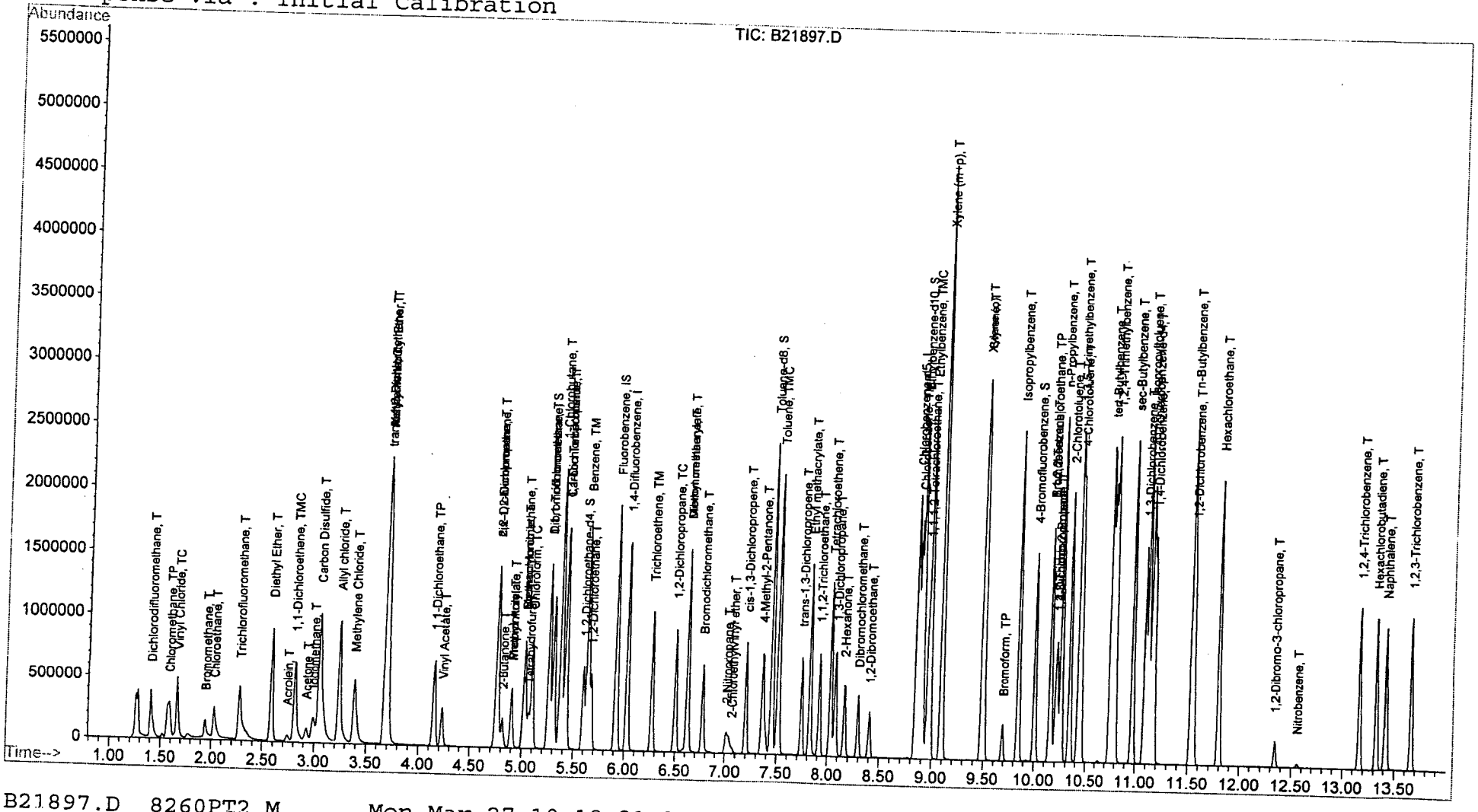
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:18 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



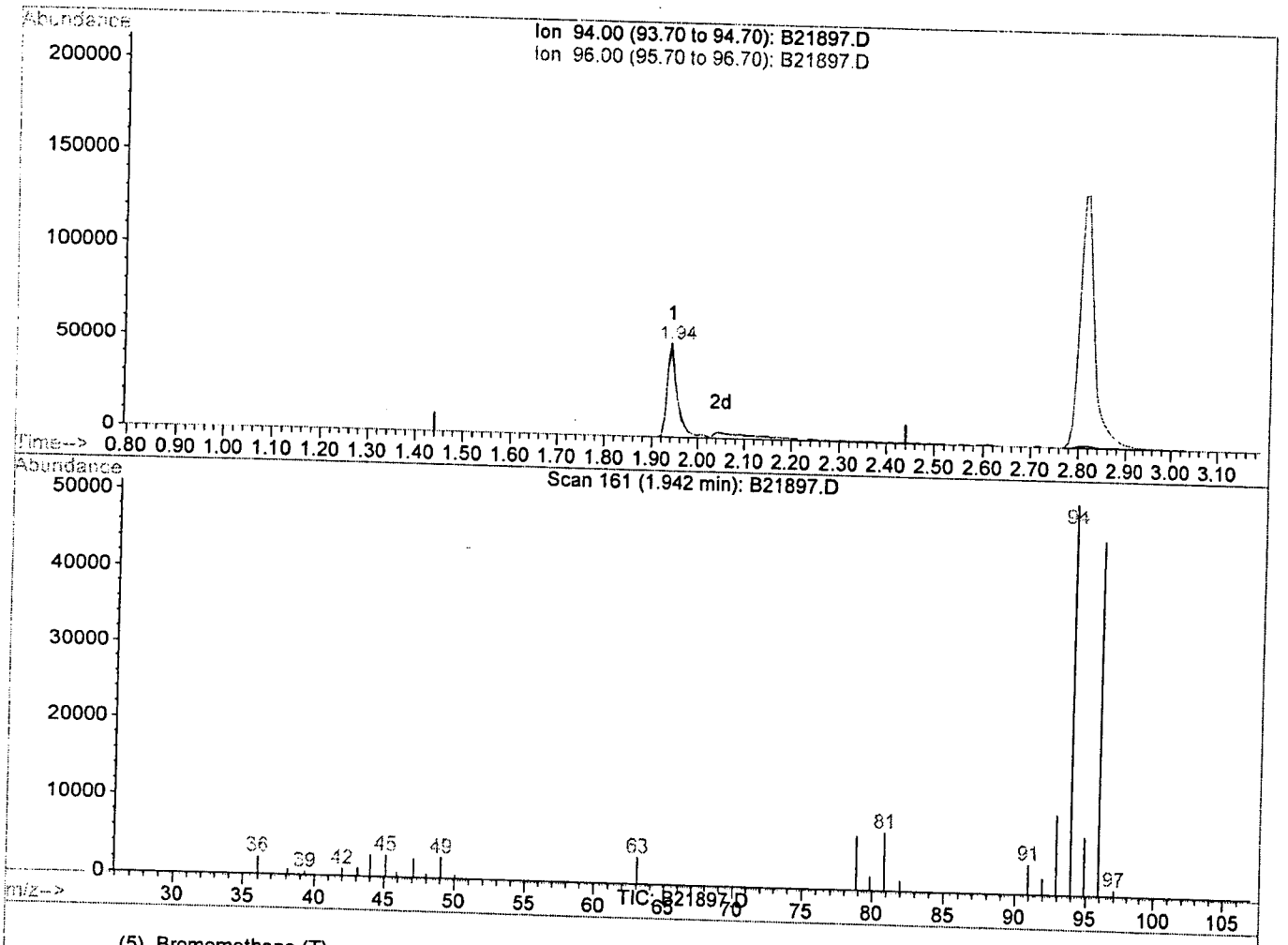
B21897.D 8260PT2.M Mon Mar 27 10:18:21 2006

Quantitation Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
Quant Time: Mar 27 10:21 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(5) Bromomethane (T)

1.94min 44.45ppb m

response 101571

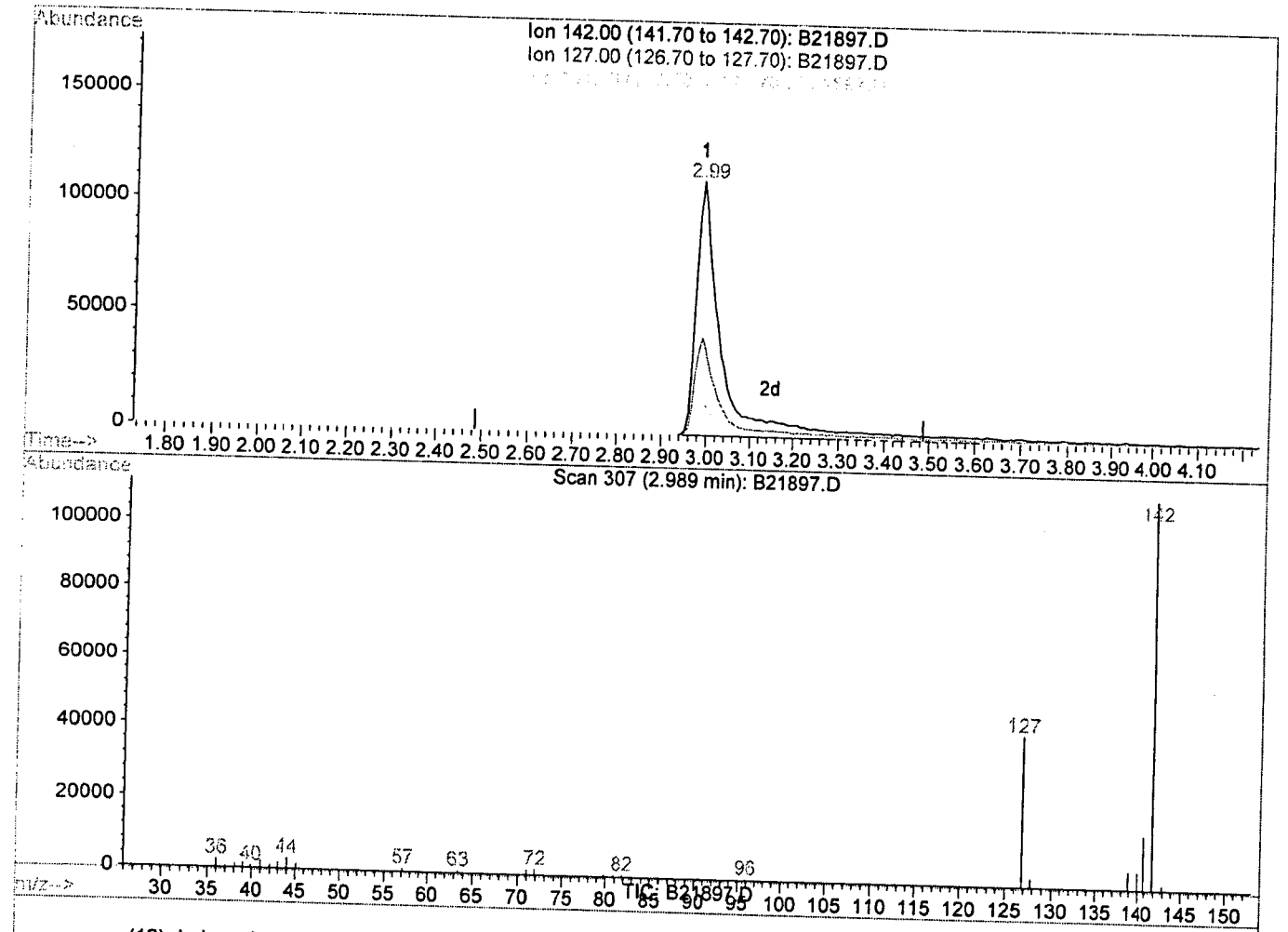
Ion	Exp%	Act%
94.00	100	100
96.00	5.50	73.69#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
Quant Time: Mar 27 10:21 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(12) Iodomethane (T)

2.99min 82.16ppb m

response 449486

Ion	Exp%	Act%
142.00	100	100
127.00	34.20	31.91
141.00	12.30	11.04
0.00	0.00	0.00

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:21 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.91	96	1415217	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1078289	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	941777	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	452477	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	325232	51.47 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	427306	48.37 ppb		0.00
58) Toluene-d8	7.45	98	1374529	51.83 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1748710	50.80 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	527840	52.14 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	350728	44.19 ppb		100
3) Chloromethane	1.58	50	488219	39.60 ppb		99
4) Vinyl Chloride	1.66	62	427342	41.33 ppb		99
5) Bromomethane	1.94	94	101571m	44.45 ppb		
6) Chloroethane	2.03	64	240756	42.39 ppb		99
7) Trichlorofluoromethane	2.27	101	485233	41.67 ppb	#	99
8) Diethyl Ether	2.59	74	344743	84.59 ppb		99
9) 1,1-Dichloroethene	2.82	96	294226	43.20 ppb		98
10) Acrolein	2.74	56	44016	64.00 ppb	#	99
11) Carbon Disulfide	3.05	76	2108796	93.07 ppb		100
12) Iodomethane	2.99	142	449486m	82.16 ppb		
13) Acetone	2.92	43	136788	92.67 ppb		99
14) Methylene Chloride	3.38	84	296577	43.00 ppb		99
15) trans-1,2-Dichloroethene	3.68	96	364593	45.83 ppb		95
16) Acrylonitrile	3.70	53	388160	189.38 ppb		99
17) Methyl-tert-butyl Ether	3.70	73	1527969	93.29 ppb		98
18) Allyl chloride	3.24	76	268793	77.72 ppb	#	1
19) 1,1-Dichloroethane	4.15	63	645192	45.49 ppb		100
20) Vinyl Acetate	4.23	43	404082	39.61 ppb		99
21) 2,2-Dichloropropane	4.75	77	385193	47.37 ppb		98
22) cis-1,2-Dichloroethene	4.77	96	337532	47.62 ppb		99
23) 2-Butanone	4.81	43	230335	87.48 ppb		100
24) Methyl Acrylate	4.90	55	438330	97.69 ppb		100
25) Bromochloromethane	5.02	130	109421	41.40 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:21 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	4.90	54	69488	92.78 ppb		100
27) Chloroform	5.10	83	591608	45.35 ppb		99
28) Methacrylonitrile	5.03	67	208245	97.16 ppb		96
29) 1,1,1-Trichloroethane	5.26	97	503578	45.68 ppb		98
30) Tetrahydrofuran	5.07	42	156347	89.99 ppb		99
31) 1-Chlorobutane	5.38	56	1522930	93.28 ppb		100
33) 2-Chloroethylvinyl ether	7.07	63	2976	51.46 ppb		97
34) Carbon Tetrachloride	5.42	119	374779	47.10 ppb		99
35) 1,1-Dichloropropene	5.43	75	539065	45.21 ppb		99
37) Benzene	5.64	78	1344538	46.19 ppb		100
38) 1,2-Dichloroethane	5.67	62	425203	43.29 ppb		100
40) Trichloroethene	6.27	130	290253	46.50 ppb		98
41) 1,2-Dichloropropane	6.50	63	321073	46.45 ppb		99
42) Dibromomethane	6.62	174	134161	45.28 ppb		98
43) Bromodichloromethane	6.77	83	389198	49.41 ppb		98
44) 2-Nitropropane	7.01	41	74381	81.14 ppb		100
45) cis-1,3-Dichloropropene	7.20	75	432037	40.68 ppb		99
46) Methyl methacrylate	6.62	41	499290	98.90 ppb		99
47) 4-Methyl-2-Pentanone	7.36	58	200475	106.43 ppb	#	68
48) Toluene	7.51	92	823867	46.09 ppb		100
49) trans-1,3-Dichloropropene	7.74	75	385554	43.27 ppb		99
50) 1,1,2-Trichloroethane	7.92	97	215166	46.04 ppb		98
51) Tetrachloroethene	8.03	164	263826	49.48 ppb		97
52) Ethyl methacrylate	7.82	69	680681	91.35 ppb		100
53) 1,3-Dichloropropane	8.08	76	448246	46.55 ppb		99
54) Dibromochloromethane	8.30	129	209673	44.51 ppb		98
55) 2-Hexanone	8.16	43	343110	101.91 ppb		97
56) 1,2-Dibromoethane	8.40	107	212615	47.38 ppb		99
59) Chlorobenzene	8.88	112	803540	43.92 ppb		92
61) 1,1,1,2-Tetrachloroethane	8.96	131	247855	51.21 ppb		99
62) Ethylbenzene	8.98	91	1651167	46.78 ppb		100
63) Xylene (m+p)	9.09	91	2544373	94.61 ppb		100
64) Styrene	9.50	104	893033	49.43 ppb		99
65) Xylene (o)	9.48	91	1250950	48.48 ppb		99
66) Bromoform	9.69	173	112231	43.08 ppb		100
67) Isopropylbenzene	9.84	105	1515418	51.19 ppb		100
69) 1,4-Dichloro-2-Butene	10.22	53	158012	95.86 ppb		89

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:21 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	596223	47.79 ppb	100
72) 1,2,3-Trichloropropane	10.20	75	397596	51.66 ppb	98
73) 1,1,2,2-Tetrachloroethane	10.16	83	284360	47.84 ppb	99
74) n-Propylbenzene	10.25	91	1934756	48.21 ppb	99
75) 2-Chlorotoluene	10.34	126	297011	48.35 ppb	98
76) 4-Chlorotoluene	10.45	126	303002	47.51 ppb	99
77) 1,3,5-Trimethylbenzene	10.43	105	1242878	49.37 ppb	100
78) tert-Butylbenzene	10.75	119	1429935	68.24 ppb	95
79) sec-Butylbenzene	10.97	134	283222	46.40 ppb	95
80) 1,2,4-Trimethylbenzene	10.80	105	1206843	48.30 ppb	99
81) 1,3-Dichlorobenzene	11.09	146	566887	47.63 ppb	100
82) 1,4-Dichlorobenzene	11.17	146	572921	46.67 ppb	99
83) Isopropyltoluene	11.11	119	1313144	51.23 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	521973	48.07 ppb	100
85) n-Butylbenzene	11.53	91	1324115	48.75 ppb	100
86) Hexachloroethane	11.80	201	262905	92.38 ppb	98
87) 1,2-Dibromo-3-chloropropan	12.34	75	52146	46.74 ppb	100
88) Nitrobenzene	12.56	77	12158	101.67 ppb	99
89) 1,2,4-Trichlorobenzene	13.17	180	338710	48.97 ppb	97
90) Naphthalene	13.42	128	718425	47.09 ppb	100
91) Hexachlorobutadiene	13.33	190	108972	47.57 ppb	97
92) 1,2,3-Trichlorobenzene	13.66	180	320251	48.60 ppb	99

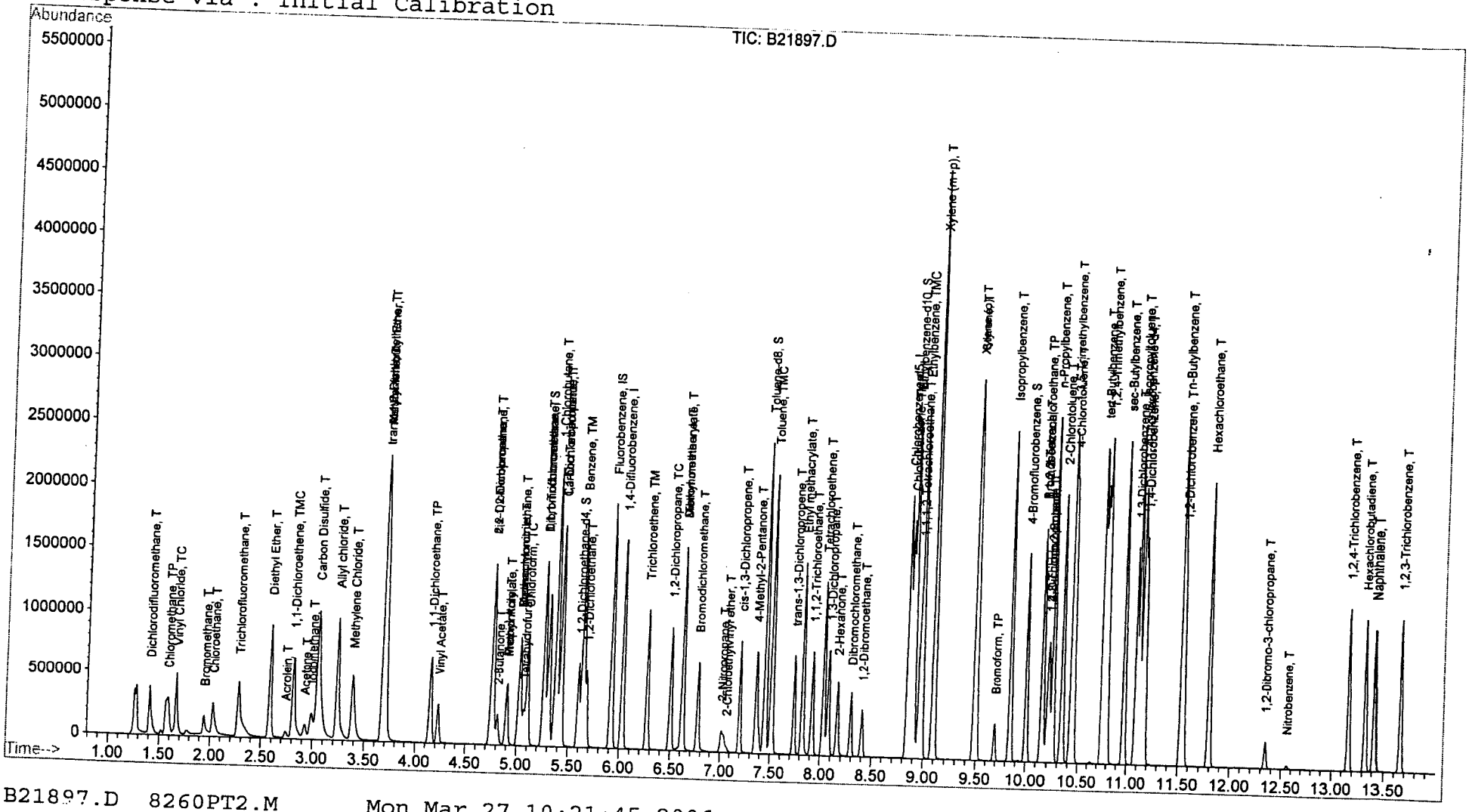
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: Mar 27 10:21 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



B21897.D 8260PT2.M Mon Mar 27 10:21:45 2006

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	1.000	1.000	0.0	111	0.00
2	T	Dichlorodifluoromethane	0.280	0.248#	11.4	100	0.00
3	TP	Chloromethane	0.436	0.345	20.9#	99	0.00 ①
4	TC	Vinyl Chloride	0.365	0.302	17.3	94	0.00
5	T	Bromomethane	0.081	0.072#	11.1	91	0.00
6	T	Chloroethane	0.201	0.170#	15.4	98	0.00
7	T	Trichlorofluoromethane	0.411	0.343	16.5	95	0.00
8	T	Diethyl Ether	0.144	0.122#	15.3	95	0.00
9	TMC	1,1-Dichloroethene	0.241	0.208#	13.7	97	0.00
10	T	Acrolein	0.024	0.016#	33.3#	71	0.00 ✓ 40%
11	T	Carbon Disulfide	0.800	0.745	6.9	103	0.00
12	T	Iodomethane	0.195	0.159#	18.5	92	0.00 Q
13	T	Acetone	0.068	0.048#	29.4#	96	0.00 L
14	T	Methylene Chloride	0.303	0.210#	30.7#	97	0.00 L
15	T	trans-1,2-Dichloroethene	0.281	0.258#	8.2	103	0.00
16	T	Acrylonitrile	0.072	0.069#	4.2	103	0.00
17	T	Methyl-tert-butyl Ether	0.579	0.540	6.7	100	0.00
18	T	Allyl chloride	0.122	0.095#	22.1#	87	0.00 ✓
19	TP	1,1-Dichloroethane	0.501	0.456	9.0	102	0.00
20	T	Vinyl Acetate	0.360	0.286#	20.6#	82	0.00 ②
21	T	2,2-Dichloropropane	0.287	0.272#	5.2	101	0.00
22	T	cis-1,2-Dichloroethene	0.250	0.239#	4.4	103	0.00
23	T	2-Butanone	0.093	0.081#	12.9	102	0.00
24	T	Methyl Acrylate	0.159	0.155#	2.5	101	0.00
25	T	Bromochloromethane	0.093	0.077#	17.2	98	0.00
26	T	Propionitrile	0.026	0.025#	3.8	96	0.00
27	TC	Chloroform	0.461	0.418	9.3	101	0.00
28	T	Methacrylonitrile	0.076	0.074#	2.6	100	0.00
29	T	1,1,1-Trichloroethane	0.389	0.356	8.5	100	0.00
30	T	Tetrahydrofuran	0.069	0.055#	20.3#	95	0.00 L
31	T	1-Chlorobutane	0.577	0.538	6.8	103	0.00
32	S	Dibromofluoromethane	0.223	0.115#	S 48.4#	59	0.00
33	T	2-Chloroethylvinyl ether	0.002	0.002#	0.0	99	0.00 Q
34	T	Carbon Tetrachloride	0.281	0.265#	5.7	99	0.00
35	T	1,1-Dichloropropene	0.421	0.381	9.5	100	0.00
36	S	1,2-Dichloroethane-d4	0.312	0.151#	S 51.6#	56	0.00
37	TM	Benzene	1.028	0.950	7.6	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
38	T	1,2-Dichloroethane	0.347	0.300	13.5	96	0.00
39	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
40	TM	Trichloroethene	0.289	0.269#	6.9	104	0.00
41	TC	1,2-Dichloropropane	0.321	0.298#	7.2	104	0.00
42	T	Dibromomethane	0.137	0.124#	9.5	98	0.00
43	T	Bromodichloromethane	0.365	0.361	1.1	105	0.00
44	T	2-Nitropropane	0.037	0.034#	8.1	98	0.00
45	T	cis-1,3-Dichloropropene	0.432	0.401	7.2	93	0.00
46	T	Methyl methacrylate	0.234	0.232#	0.9	100	0.00
47	T	4-Methyl-2-Pentanone	0.087	0.093#	-6.9	106	0.00
48	TMC	Toluene	0.829	0.764	7.8	104	0.00
9	T	trans-1,3-Dichloropropene	0.356	0.358	-0.6	101	0.00
0	T	1,1,2-Trichloroethane	0.217	0.200#	7.8	101	0.00
51	T	Tetrachloroethene	0.247	0.245#	0.8	113	0.00
52	T	Ethyl methacrylate	0.313	0.316	-1.0	100	0.00
53	T	1,3-Dichloropropane	0.446	0.416	6.7	100	0.00
54	T	Dibromochloromethane	0.191	0.194#	-1.6	103	0.00
55	T	2-Hexanone	0.156	0.159#	-1.9	103	0.00
56	T	1,2-Dibromoethane	0.208	0.197#	5.3	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	S	Toluene-d8	1.408	0.730	S 48.2#	59	0.00
59	TMP	Chlorobenzene	0.971	0.853	12.2	105	0.00
60	S	Ethylbenzene-d10	1.827	0.928	S 49.2#	58	0.00
61	T	1,1,1,2-Tetrachloroethane	0.257	0.263#	-2.3	106	0.00
62	TMC	Ethylbenzene	1.874	1.753	6.5	104	0.00
63	T	Xylene (m+p)	1.428	1.351	5.4	104	0.00
64	T	Styrene	0.959	0.948	1.1	104	0.00
65	T	Xylene (o)	1.370	1.328	3.1	103	0.00
66	TP	Bromoform	0.117	0.119	-1.7	101	0.00
67	T	Isopropylbenzene	1.572	1.609	-2.4	108	0.00
68	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
69	T	1,4-Dichloro-2-Butene	0.182	0.175#	3.8	96	0.00
70	S	4-Bromofluorobenzene	1.119	0.583	S 47.9#	58	0.00
	T	Bromobenzene	1.379	1.318	4.4	105	0.00
72	T	1,2,3-Trichloropropane	0.850	0.879	-3.4	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	0.657	0.628	4.4	101	0.00
74	T	n-Propylbenzene	4.435	4.276	3.6	103	0.00
75	T	2-Chlorotoluene	0.679	0.656	3.4	104	0.00
76	T	4-Chlorotoluene	0.705	0.670	5.0	104	0.00
77	T	1,3,5-Trimethylbenzene	2.782	2.747	1.3	104	0.00
78	T	tert-Butylbenzene	2.315	3.160	-36.5#	141	0.00 See 3rd Sourc
79	T	sec-Butylbenzene	0.674	0.626	7.1	96	0.00
80	T	1,2,4-Trimethylbenzene	2.761	2.667	3.4	101	0.00
81	T	1,3-Dichlorobenzene	1.315	1.253	4.7	103	0.00
82	T	1,4-Dichlorobenzene	1.357	1.266	6.7	104	0.00
83	T	Isopropyltoluene	2.832	2.902	-2.5	107	0.00
84	T	1,2-Dichlorobenzene	1.200	1.154	3.8	105	0.00
85	T	n-Butylbenzene	3.001	2.926	2.5	102	0.00
86	T	Hexachloroethane	0.262	0.291#	-11.1	109	0.00
87	T	1,2-Dibromo-3-chloropropane	0.108	0.115#	-6.5	100	0.00
88	T	Nitrobenzene	0.014	0.013#	7.1	104	0.00
89	T	1,2,4-Trichlorobenzene	0.764	0.749	2.0	103	0.00
90	T	Naphthalene	1.546	1.588	-2.7	100	0.00
91	T	Hexachlorobutadiene	0.253	0.241#	4.7	99	0.00
92	T	1,2,3-Trichlorobenzene	0.728	0.708	2.7	104	0.00

√ @ 3/27/06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	50.000	50.000	0.0	111	0.00
2	T	Dichlorodifluoromethane	50.000	44.187	11.6	100	0.00
3	TP	Chloromethane	50.000	39.605	20.8#	99	0.00
4	TC	Vinyl Chloride	50.000	41.329	17.3	94	0.00
5	T	Bromomethane	50.000	44.454	11.1	91	0.00
6	T	Chloroethane	50.000	42.388	15.2	98	0.00
7	T	Trichlorofluoromethane	50.000	41.669	16.7	95	0.00
8	T	Diethyl Ether	100.000	84.585	15.4	95	0.00
9	TMC	1,1-Dichloroethene	50.000	43.196	13.6	97	0.00
10	T	Acrolein	100.000	64.001	36.0#	71	0.00
11	T	Carbon Disulfide	100.000	93.075	6.9	103	0.00
12	T	Iodomethane	100.000	82.161	17.8	92	0.00✓
13	T	Acetone	100.000	92.671	7.3	96	0.00✓
14	T	Methylene Chloride	50.000	43.004	14.0	97	0.00✓
15	T	trans-1,2-Dichloroethene	50.000	45.831	8.3	103	0.00
16	T	Acrylonitrile	200.000	189.378	5.3	103	0.00
17	T	Methyl-tert-butyl Ether	100.000	93.290	6.7	100	0.00
18	T	Allyl chloride	100.000	77.724	22.3#	87	0.00
19	TP	1,1-Dichloroethane	50.000	45.489	9.0	102	0.00
20	T	Vinyl Acetate	50.000	39.608	20.8#	82	0.00
21	T	2,2-Dichloropropane	50.000	47.371	5.3	101	0.00
22	T	cis-1,2-Dichloroethene	50.000	47.617	4.8	103	0.00
23	T	2-Butanone	100.000	87.479	12.5	102	0.00
24	T	Methyl Acrylate	100.000	97.688	2.3	101	0.00
25	T	Bromochloromethane	50.000	41.398	17.2	98	0.00
26	T	Propionitrile	100.000	92.784	7.2	96	0.00
27	TC	Chloroform	50.000	45.347	9.3	101	0.00
28	T	Methacrylonitrile	100.000	97.158	2.8	100	0.00
29	T	1,1,1-Trichloroethane	50.000	45.683	8.6	100	0.00
30	T	Tetrahydrofuran	100.000	89.992	10.0	95	0.00✓
31	T	1-Chlorobutane	100.000	93.283	6.7	103	0.00
32	S	Dibromofluoromethane	100.000	51.466	48.5#	59	0.00
33	T	2-Chloroethylvinyl ether	50.000	51.464	-2.9	99	0.00✓
34	T	Carbon Tetrachloride	50.000	47.099	5.8	99	0.00
35	T	1,1-Dichloropropene	50.000	45.208	9.6	100	0.00
[illegible]	S	1,2-Dichloroethane-d4	100.000	48.371	51.6#	56	0.00
37	TM	Benzene	50.000	46.188	7.6	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
38	T	1,2-Dichloroethane	50.000	43.286	13.4	96	0.00
39	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
40	TM	Trichloroethene	50.000	46.501	7.0	104	0.00
41	TC	1,2-Dichloropropane	50.000	46.450	7.1	104	0.00
42	T	Dibromomethane	50.000	45.282	9.4	98	0.00
43	T	Bromodichloromethane	50.000	49.405	1.2	105	0.00
44	T	2-Nitropropane	100.000	81.137	18.9	98	0.00✓
45	T	cis-1,3-Dichloropropene	50.000	40.677	18.6	93	0.00✓
46	T	Methyl methacrylate	100.000	98.905	1.1	100	0.00
47	T	4-Methyl-2-Pentanone	100.000	106.430	-6.4	106	0.00
48	TMC	Toluene	50.000	46.095	7.8	104	0.00
9	T	trans-1,3-Dichloropropene	50.000	43.272	13.5	101	0.00✓
J	T	1,1,2-Trichloroethane	50.000	46.045	7.9	101	0.00
51	T	Tetrachloroethene	50.000	49.482	1.0	113	0.00
52	T	Ethyl methacrylate	100.000	91.350	8.7	100	0.00✓
53	T	1,3-Dichloropropane	50.000	46.552	6.9	100	0.00
54	T	Dibromochloromethane	50.000	44.509	11.0	103	0.00✓
55	T	2-Hexanone	100.000	101.915	-1.9	103	0.00
56	T	1,2-Dibromoethane	50.000	47.383	5.2	102	0.00
57	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
58	S	Toluene-d8	100.000	51.832	48.2#	59	0.00
59	TMP	Chlorobenzene	50.000	43.924	12.2	105	0.00
60	S	Ethylbenzene-d10	100.000	50.802	49.2#	58	0.00
61	T	1,1,1,2-Tetrachloroethane	50.000	51.212	-2.4	106	0.00
62	TMC	Ethylbenzene	50.000	46.783	6.4	104	0.00
63	T	Xylene (m+p)	100.000	94.606	5.4	104	0.00
64	T	Styrene	50.000	49.433	1.1	104	0.00
65	T	Xylene (o)	50.000	48.478	3.0	103	0.00
66	TP	Bromoform	50.000	43.076	13.8	101	0.00✓
67	T	Isopropylbenzene	50.000	51.186	-2.4	108	0.00
68	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
69	T	1,4-Dichloro-2-Butene	100.000	95.860	4.1	96	0.00
70	S	4-Bromofluorobenzene	100.000	52.144	47.9#	58	0.00
	T	Bromobenzene	50.000	47.788	4.4	105	0.00
,2	T	1,2,3-Trichloropropane	50.000	51.662	-3.3	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21897.D
Acq On : 24 Mar 2006 22:56
Sample : 2ND SOURCE 50/100PPB
Misc : ISSS
MS Integration Params: rteint.p

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	50.000	47.837	4.3	101	0.00
74	T	n-Propylbenzene	50.000	48.207	3.6	103	0.00
75	T	2-Chlorotoluene	50.000	48.348	3.3	104	0.00
76	T	4-Chlorotoluene	50.000	47.506	5.0	104	0.00
77	T	1,3,5-Trimethylbenzene	50.000	49.370	1.3	104	0.00
78	T	tert-Butylbenzene	50.000	68.243	-36.5#	141	0.00
79	T	sec-Butylbenzene	50.000	46.402	7.2	96	0.00
80	T	1,2,4-Trimethylbenzene	50.000	48.297	3.4	101	0.00
81	T	1,3-Dichlorobenzene	50.000	47.631	4.7	103	0.00
82	T	1,4-Dichlorobenzene	50.000	46.666	6.7	104	0.00
83	T	Isopropyltoluene	50.000	51.230	-2.5	107	0.00
4	T	1,2-Dichlorobenzene	50.000	48.066	3.9	105	0.00
5	T	n-Butylbenzene	50.000	48.755	2.5	102	0.00
86	T	Hexachloroethane	100.000	92.378	7.6	109	0.00✓
87	T	1,2-Dibromo-3-chloropropane	50.000	46.737	6.5	100	0.00✓
88	T	Nitrobenzene	100.000	101.667	-1.7	104	0.00✓
89	T	1,2,4-Trichlorobenzene	50.000	48.972	2.1	103	0.00
90	T	Naphthalene	50.000	47.088	5.8	100	0.00✓
91	T	Hexachlorobutadiene	50.000	47.569	4.9	99	0.00
92	T	1,2,3-Trichlorobenzene	50.000	48.604	2.8	104	0.00

✓ 3/27/06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p
Quant Time: Mar 27 10:57 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.91	96	1303603	50.00	ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1004717	50.00	ppb		0.00
57) Chlorobenzene-d5	8.85	117	892795	50.00	ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	443765	50.00	ppb		0.00
System Monitoring Compounds							
32) Dibromofluoromethane	5.26	111	300297	51.59	ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	407972	50.14	ppb		0.00
58) Toluene-d8	7.45	98	1285524	51.14	ppb		0.00
60) Ethylbenzene-d10	8.90	98	1683108	51.58	ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	518133	52.19	ppb		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	401029	54.85	ppb		100
3) Chloromethane	1.58	50	489292	43.09	ppb		99
4) Vinyl Chloride	1.66	62	453402	47.60	ppb	51.56ppb	99
5) Bromomethane	1.94	94	84409	40.11	ppb	#	1
6) Chloroethane	2.03	64	257666	49.25	ppb		99
7) Trichlorofluoromethane	2.27	101	531579	49.56	ppb	#	100
8) Diethyl Ether	2.59	74	341765	91.03	ppb		99
9) 1,1-Dichloroethene	2.81	96	307497	49.01	ppb		100
10) Acrolein	2.74	56	51796	81.76	ppb	#	99
11) Carbon Disulfide	3.05	76	2149418	102.99	ppb		100
12) Iodomethane	2.99	142	299559	57.00	ppb	72.89ppb	91
13) Acetone	2.92	43	134245	99.30	ppb		99
14) Methylene Chloride	3.38	84	293914	46.53	ppb		99
15) trans-1,2-Dichloroethene	3.68	96	360648	49.22	ppb		99
16) Acrylonitrile	3.70	53	404793	214.40	ppb		99
17) Methyl-tert-butyl Ether	3.69	73	1503329	99.64	ppb		100
18) Allyl chloride	3.24	76	292412	91.79	ppb	#	1
19) 1,1-Dichloroethane	4.15	63	646629	49.49	ppb		98
20) Vinyl Acetate	4.22	43	387567	41.24	ppb		99
21) 2,2-Dichloropropane	4.75	77	424006	56.61	ppb		100
22) cis-1,2-Dichloroethene	4.76	96	335154	51.33	ppb		99
23) 2-Butanone	4.81	43	218103	89.93	ppb		98
24) Methyl Acrylate	4.90	55	427577	103.45	ppb		100
25) Bromochloromethane	5.01	130	117099	48.10	ppb		99

manual integrate peak + tail for Bromomethane & Iodomethane

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p
Quant Time: Mar 27 10:57 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	Propionitrile	4.89	54	68285	98.98 ppb		96
27)	Chloroform	5.10	83	607075	50.52 ppb		99
28)	Methacrylonitrile	5.03	67	204898	103.78 ppb	#	77
29)	1,1,1-Trichloroethane	5.26	97	528692	52.07 ppb		99
30)	Tetrahydrofuran	5.07	42	152663	95.60 ppb		98
31)	1-Chlorobutane	5.38	56	1450165	96.43 ppb		100
33)	2-Chloroethylvinyl ether	7.06	63	4451	76.25 ppb	#	87
34)	Carbon Tetrachloride	5.42	119	405274	55.29 ppb		100
35)	1,1-Dichloropropene	5.43	75	552385	50.29 ppb		99
37)	Benzene	5.64	78	1333163	49.72 ppb		100
38)	1,2-Dichloroethane	5.67	62	439006	48.52 ppb		99
40)	Trichloroethene	6.27	130	288676	49.63 ppb		99
41)	1,2-Dichloropropane	6.50	63	317750	49.34 ppb		99
42)	Dibromomethane	6.62	174	136846	49.57 ppb		99
43)	Bromodichloromethane	6.77	83	402581	54.85 ppb		99
44)	2-Nitropropane	7.01	41	93137	105.97 ppb		100
45)	cis-1,3-Dichloropropene	7.20	75	453085	45.47 ppb		100
46)	Methyl methacrylate	6.62	41	474743	100.93 ppb		99
47)	4-Methyl-2-Pentanone	7.36	58	181509	103.42 ppb	#	61
48)	Toluene	7.51	92	821463	49.33 ppb		100
49)	trans-1,3-Dichloropropene	7.74	75	417243	49.75 ppb		99
50)	1,1,2-Trichloroethane	7.92	97	215465	49.49 ppb		98
51)	Tetrachloroethene	8.03	164	250390	50.40 ppb		98
52)	Ethyl methacrylate	7.82	69	638335	91.92 ppb		98
53)	1,3-Dichloropropane	8.08	76	444786	49.58 ppb		99
54)	Dibromochloromethane	8.30	129	221652	50.13 ppb		98
55)	2-Hexanone	8.16	43	325424	103.74 ppb		100
56)	1,2-Dibromoethane	8.40	107	213160	50.98 ppb		99
59)	Chlorobenzene	8.88	112	780056	44.98 ppb		93
61)	1,1,1,2-Tetrachloroethane	8.96	131	251755	54.87 ppb		99
62)	Ethylbenzene	8.98	91	1664646	49.75 ppb		100
63)	Xylene (m+p)	9.09	91	2585583	101.41 ppb		100
64)	Styrene	9.50	104	890249	51.98 ppb		100
65)	Xylene (o)	9.49	91	1262415	51.61 ppb		100
66)	Bromoform	9.69	173	127106	50.69 ppb		100
67)	Isopropylbenzene	9.84	105	1517344	54.06 ppb		100
69)	1,4-Dichloro-2-Butene	10.22	53	174613	108.01 ppb		90

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p
Quant Time: Mar 27 10:57 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	10.15	77	598587	48.92 ppb	99
72) 1,2,3-Trichloropropane	10.20	75	428232	56.74 ppb	99
73) 1,1,2,2-Tetrachloroethane	10.16	83	285022	48.89 ppb	96
74) n-Propylbenzene	10.25	91	1984115	50.41 ppb	99
75) 2-Chlorotoluene	10.34	126	302765	50.25 ppb	98
76) 4-Chlorotoluene	10.45	126	308764	49.36 ppb	99
77) 1,3,5-Trimethylbenzene	10.43	105	1265382	51.25 ppb	100
78) tert-Butylbenzene	10.76	119	1441439	70.14 ppb	94
79) sec-Butylbenzene	10.97	134	289419	48.35 ppb	99
80) 1,2,4-Trimethylbenzene	10.80	105	1248267	50.94 ppb	99
81) 1,3-Dichlorobenzene	11.09	146	582973	49.94 ppb	98
82) 1,4-Dichlorobenzene	11.18	146	585153	48.60 ppb	100
83) Isopropyltoluene	11.11	119	1350230	53.71 ppb	100
84) 1,2-Dichlorobenzene	11.55	146	534140	50.15 ppb	100
85) n-Butylbenzene	11.53	91	1398209	52.49 ppb	100
86) Hexachloroethane	11.80	201	270526	96.51 ppb	98
87) 1,2-Dibromo-3-chloropropan	12.34	75	60533	54.79 ppb	98
88) Nitrobenzene	12.56	77	15710	128.65 ppb	99
89) 1,2,4-Trichlorobenzene	13.17	180	362713	53.47 ppb	98
90) Naphthalene	13.42	128	746621	49.83 ppb	100
91) Hexachlorobutadiene	13.33	190	113283	50.42 ppb	98
92) 1,2,3-Trichlorobenzene	13.66	180	330808	51.19 ppb	99

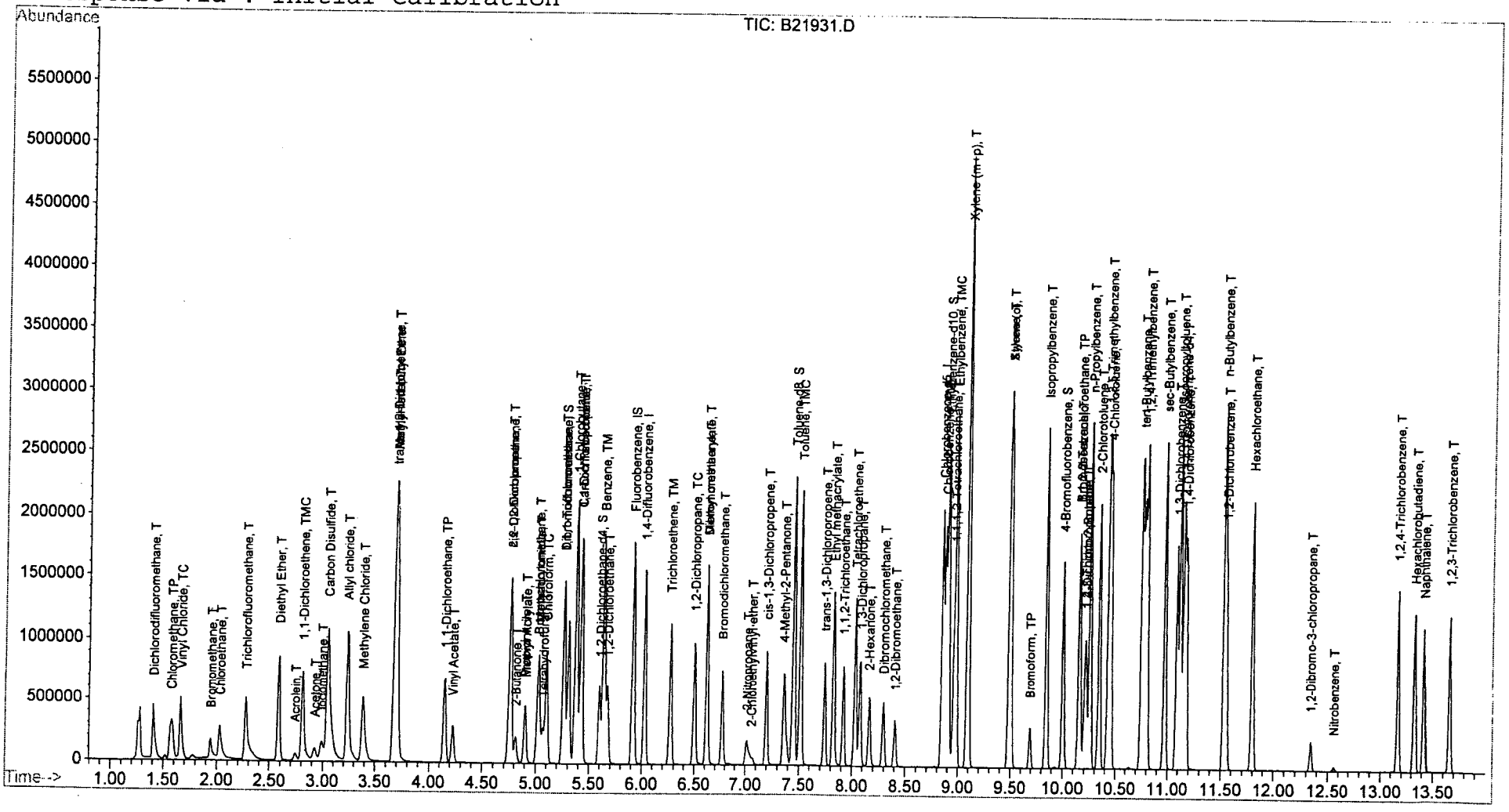
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p
Quant Time: Mar 27 10:57 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration

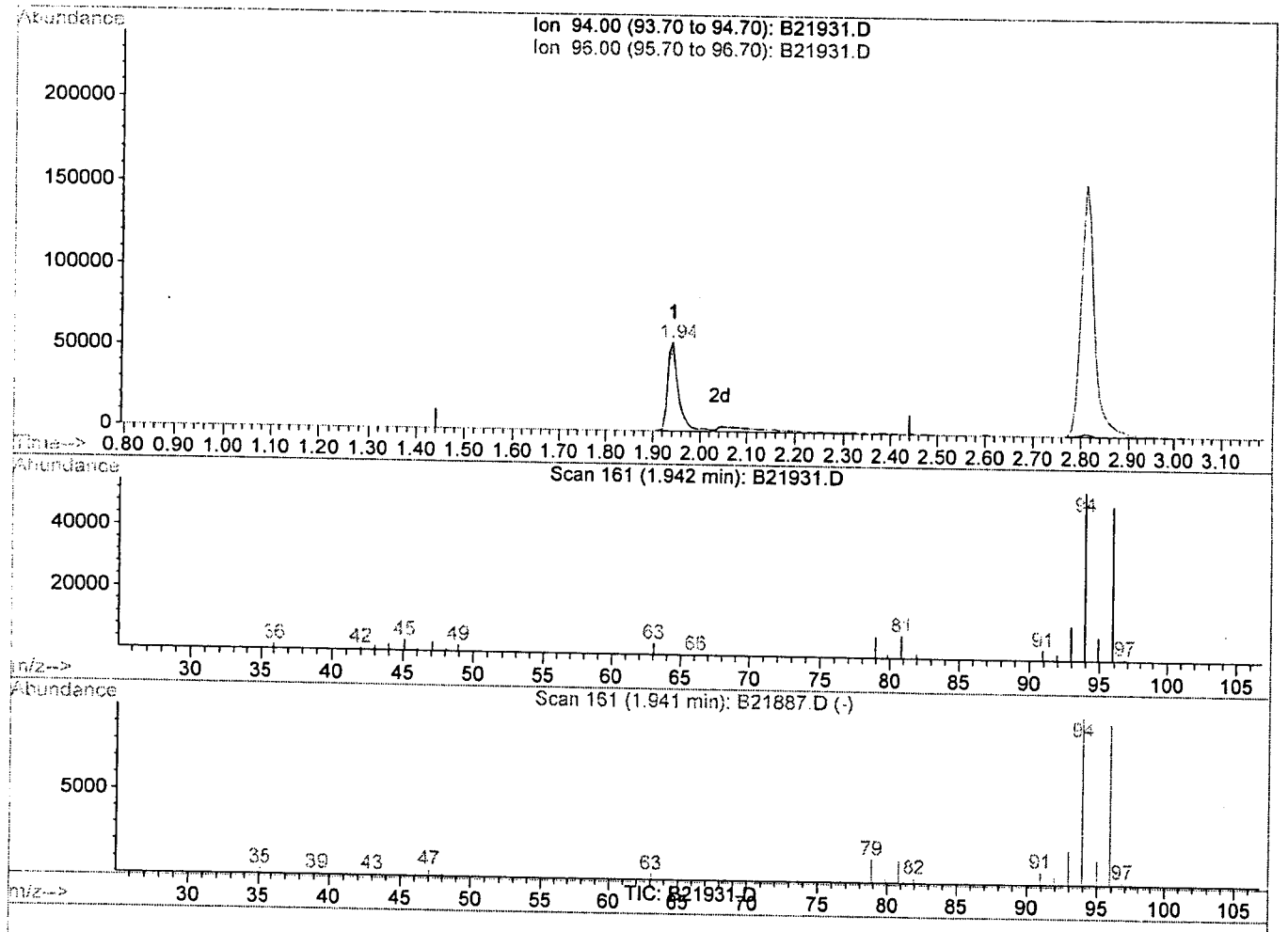


Quantitation Report

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
Quant Time: Mar 27 11:19 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(5) Bromomethane (T)

1.94min 51.56ppb m

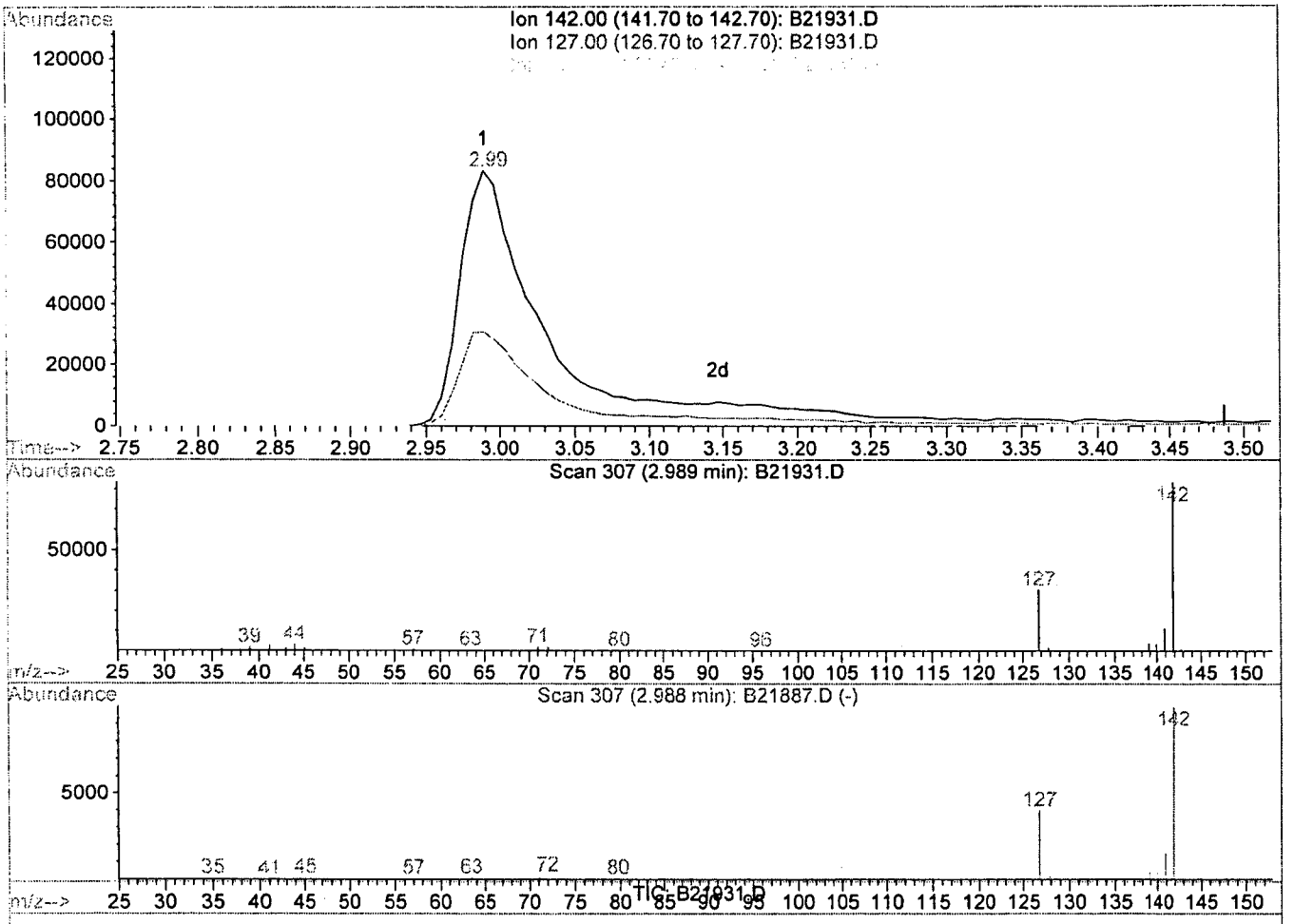
response 108524

Ion	Exp%	Act%
94.00	100	100
96.00	5.50	74.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\032706\B21931.D Vial: 6
Acq On : 27 Mar 2006 10:43 Operator: VOA2
Sample : 2ND SOURCE STD CHECK Inst : GC/MS Ins
Misc : ISSS 50/100PPB CONFIRM STANDARD Multiplr: 1.00
Quant Time: Mar 27 11:19 19106 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(12) Iodomethane (T)

2.99min 72.89ppb m

response 372663

Ion	Exp%	Act%
142.00	100	100
127.00	34.20	32.50
141.00	12.30	10.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\032706\B21931.D
Vial: 6
Acq On : 27 Mar 2006 10:43
Operator: VOA2
Sample : 2ND SOURCE STD CHECK
Inst : GC/MS Ins
Misc : ISSS 50/100PPB CONFIRM STANDARD
Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 27 11:19 19106
Quant Results File: 8260PT2.

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.91	96	1303603	50.00	ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1004717	50.00	ppb		0.00
57) Chlorobenzene-d5	8.85	117	892795	50.00	ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	443765	50.00	ppb		0.00
System Monitoring Compounds							
32) Dibromofluoromethane	5.26	111	300297	51.59	ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	407972	50.14	ppb		0.00
58) Toluene-d8	7.45	98	1285524	51.14	ppb		0.00
60) Ethylbenzene-d10	8.90	98	1683108	51.58	ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	518133	52.19	ppb		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	401029	54.85	ppb		100
3) Chloromethane	1.58	50	489292	43.09	ppb		99
4) Vinyl Chloride	1.66	62	453402	47.60	ppb		99
5) Bromomethane	1.94	94	108524m	51.56	ppb		
6) Chloroethane	2.03	64	257666	49.25	ppb		99
7) Trichlorofluoromethane	2.27	101	531579	49.56	ppb	#	100
8) Diethyl Ether	2.59	74	341765	91.03	ppb		99
9) 1,1-Dichloroethene	2.81	96	307497	49.01	ppb		100
10) Acrolein	2.74	56	51796	81.76	ppb	#	99
11) Carbon Disulfide	3.05	76	2149418	102.99	ppb		100
12) Iodomethane	2.99	142	372663m	72.89	ppb		
13) Acetone	2.92	43	134245	99.30	ppb		99
14) Methylene Chloride	3.38	84	293914	46.53	ppb		99
15) trans-1,2-Dichloroethene	3.68	96	360648	49.22	ppb		99
16) Acrylonitrile	3.70	53	404793	214.40	ppb		99
17) Methyl-tert-butyl Ether	3.69	73	1503329	99.64	ppb		100
18) Allyl chloride	3.24	76	292412	91.79	ppb	#	1
19) 1,1-Dichloroethane	4.15	63	646629	49.49	ppb		98
20) Vinyl Acetate	4.22	43	387567	41.24	ppb		99
21) 2,2-Dichloropropane	4.75	77	424006	56.61	ppb		100
22) cis-1,2-Dichloroethene	4.76	96	335154	51.33	ppb		99
23) 2-Butanone	4.81	43	218103	89.93	ppb		98
24) Methyl Acrylate	4.90	55	427577	103.45	ppb		100
25) Bromochloromethane	5.01	130	117099	48.10	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\032706\B21931.D
Acq. On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p
Quant Time: Mar 27 11:19 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	Propionitrile	4.89	54	68285	98.98 ppb		96
27)	Chloroform	5.10	83	607075	50.52 ppb		99
28)	Methacrylonitrile	5.03	67	204898	103.78 ppb	#	77
29)	1,1,1-Trichloroethane	5.26	97	528692	52.07 ppb		99
30)	Tetrahydrofuran	5.07	42	152663	95.60 ppb		98
31)	1-Chlorobutane	5.38	56	1450165	96.43 ppb		100
33)	2-Chloroethylvinyl ether	7.06	63	4451	76.25 ppb	#	87
34)	Carbon Tetrachloride	5.42	119	405274	55.29 ppb		100
35)	1,1-Dichloropropene	5.43	75	552385	50.29 ppb		99
37)	Benzene	5.64	78	1333163	49.72 ppb		100
38)	1,2-Dichloroethane	5.67	62	439006	48.52 ppb		99
40)	Trichloroethene	6.27	130	288676	49.63 ppb		99
41)	1,2-Dichloropropane	6.50	63	317750	49.34 ppb		99
42)	Dibromomethane	6.62	174	136846	49.57 ppb		99
43)	Bromodichloromethane	6.77	83	402581	54.85 ppb		99
44)	2-Nitropropane	7.01	41	93137	105.97 ppb		100
45)	cis-1,3-Dichloropropene	7.20	75	453085	45.47 ppb		100
46)	Methyl methacrylate	6.62	41	474743	100.93 ppb		99
47)	4-Methyl-2-Pentanone	7.36	58	181509	103.42 ppb	#	61
48)	Toluene	7.51	92	821463	49.33 ppb		100
49)	trans-1,3-Dichloropropene	7.74	75	417243	49.75 ppb		99
50)	1,1,2-Trichloroethane	7.92	97	215465	49.49 ppb		98
51)	Tetrachloroethene	8.03	164	250390	50.40 ppb		98
52)	Ethyl methacrylate	7.82	69	638335	91.92 ppb		98
53)	1,3-Dichloropropane	8.08	76	444786	49.58 ppb		99
54)	Dibromochloromethane	8.30	129	221652	50.13 ppb		98
55)	2-Hexanone	8.16	43	325424	103.74 ppb		100
56)	1,2-Dibromoethane	8.40	107	213160	50.98 ppb		99
59)	Chlorobenzene	8.88	112	780056	44.98 ppb		93
61)	1,1,1,2-Tetrachloroethane	8.96	131	251755	54.87 ppb		99
62)	Ethylbenzene	8.98	91	1664646	49.75 ppb		100
63)	Xylene (m+p)	9.09	91	2585583	101.41 ppb		100
64)	Styrene	9.50	104	890249	51.98 ppb		100
65)	Xylene (o)	9.49	91	1262415	51.61 ppb		100
66)	Bromoform	9.69	173	127106	50.69 ppb		100
67)	Isopropylbenzene	9.84	105	1517344	54.06 ppb		100
69)	1,4-Dichloro-2-Butene	10.22	53	174613	108.01 ppb		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p
Quant Time: Mar 27 11:19 19106

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

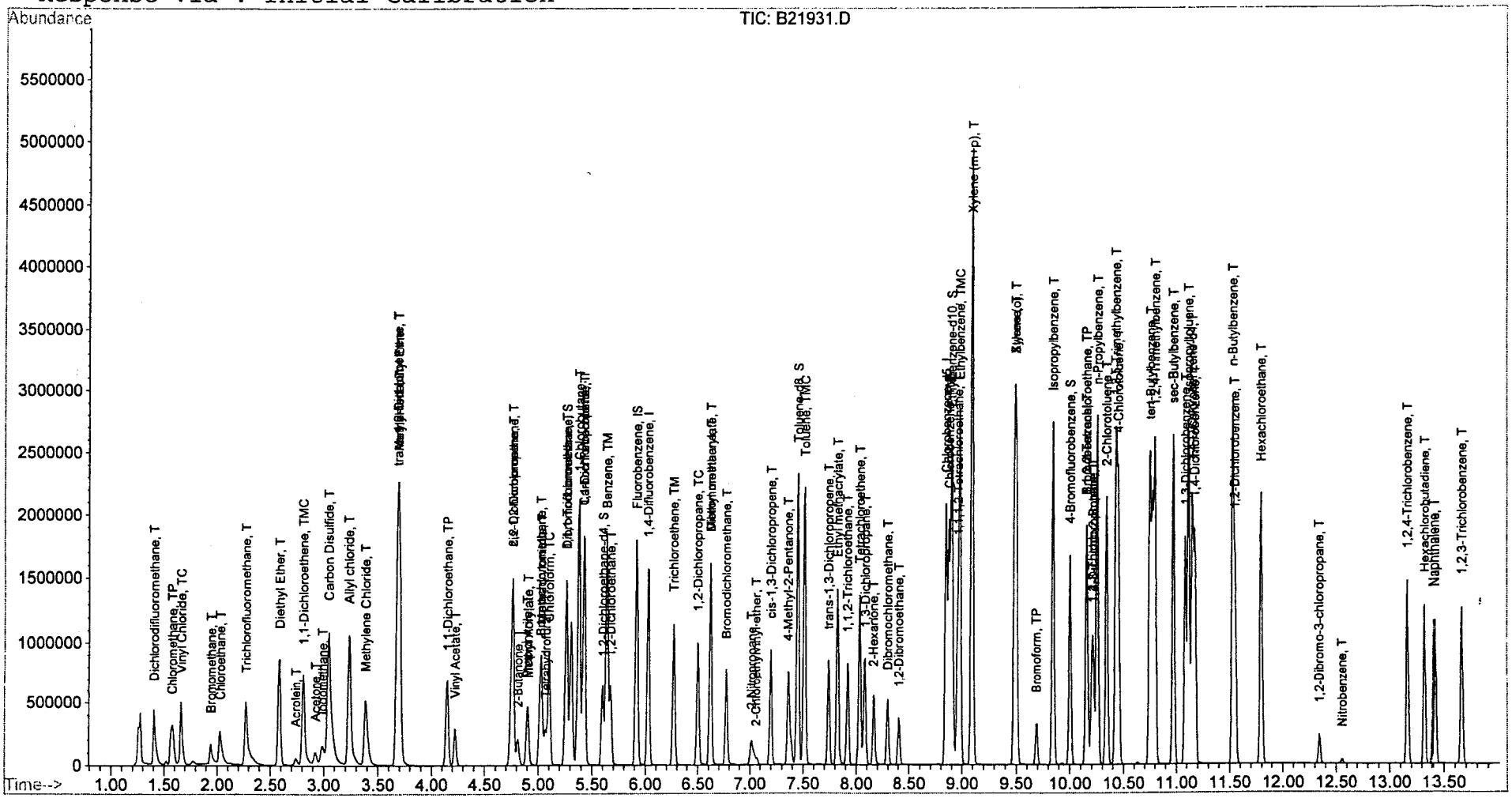
Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Bromobenzene	10.15	77	598587	48.92 ppb	99
72)	1,2,3-Trichloropropane	10.20	75	428232	56.74 ppb	99
73)	1,1,2,2-Tetrachloroethane	10.16	83	285022	48.89 ppb	96
74)	n-Propylbenzene	10.25	91	1984115	50.41 ppb	99
75)	2-Chlorotoluene	10.34	126	302765	50.25 ppb	98
76)	4-Chlorotoluene	10.45	126	308764	49.36 ppb	99
77)	1,3,5-Trimethylbenzene	10.43	105	1265382	51.25 ppb	100
78)	tert-Butylbenzene	10.76	119	1441439	70.14 ppb	94
79)	sec-Butylbenzene	10.97	134	289419	48.35 ppb	99
80)	1,2,4-Trimethylbenzene	10.80	105	1248267	50.94 ppb	99
81)	1,3-Dichlorobenzene	11.09	146	582973	49.94 ppb	98
82)	1,4-Dichlorobenzene	11.18	146	585153	48.60 ppb	100
83)	Isopropyltoluene	11.11	119	1350230	53.71 ppb	100
84)	1,2-Dichlorobenzene	11.55	146	534140	50.15 ppb	100
85)	n-Butylbenzene	11.53	91	1398209	52.49 ppb	100
86)	Hexachloroethane	11.80	201	270526	96.51 ppb	98
87)	1,2-Dibromo-3-chloropropan	12.34	75	60533	54.79 ppb	98
88)	Nitrobenzene	12.56	77	15710	128.65 ppb	99
89)	1,2,4-Trichlorobenzene	13.17	180	362713	53.47 ppb	98
90)	Naphthalene	13.42	128	746621	49.83 ppb	100
91)	Hexachlorobutadiene	13.33	190	113283	50.42 ppb	98
92)	1,2,3-Trichlorobenzene	13.66	180	330808	51.19 ppb	99

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032706\B21931.D Vial: 6
Acq On : 27 Mar 2006 10:43 Operator: VOA2
Sample : 2ND SOURCE STD CHECK Inst : GC/MS Ins
Misc : ISSS 50/100PPB CONFIRM STANDARD Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 27 11:19 19106 Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032706\B21931.D Vial: 6
Acq On : 27 Mar 2006 10:43 Operator: VOA2
Sample : 2ND SOURCE STD CHECK Inst : GC/MS Ins
Misc : ISSS 50/100PPB CONFIRM STANDARD Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	50.000	50.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	50.000	54.850	-9.7	115	0.00
3	TP	Chloromethane	50.000	43.090	13.8	99	0.00
4	TC	Vinyl Chloride	50.000	47.604	4.8	99	0.00
5	T	Bromomethane	50.000	51.564	-3.1	97	0.00
6	T	Chloroethane	50.000	49.250	1.5	105	0.00
7	T	Trichlorofluoromethane	50.000	49.557	0.9	104	0.00
8	T	Diethyl Ether	100.000	91.034	9.0	94	0.00
9	TMC	1,1-Dichloroethene	50.000	49.010	2.0	102	0.00
10	T	Acrolein	100.000	81.762	18.2	83	0.00
11	T	Carbon Disulfide	100.000	102.990	-3.0	105	0.00
12	T	Iodomethane	100.000	72.889	27.1#	76	0.00 ✓
13	T	Acetone	100.000	99.304	0.7	94	0.00 ✓
14	T	Methylene Chloride	50.000	46.525	7.0	96	0.00 ✓
15	T	trans-1,2-Dichloroethene	50.000	49.217	1.6	102	0.00
16	T	Acrylonitrile	200.000	214.402	-7.2	107	0.00
17	T	Methyl-tert-butyl Ether	100.000	99.645	0.4	99	0.00
18	T	Allyl chloride	100.000	91.793	8.2	95	0.00
19	TP	1,1-Dichloroethane	50.000	49.494	1.0	102	0.00
20	T	Vinyl Acetate	50.000	41.242	17.5	79	0.00
21	T	2,2-Dichloropropane	50.000	56.609	-13.2	111	0.00
22	T	cis-1,2-Dichloroethene	50.000	51.330	-2.7	102	0.00
23	T	2-Butanone	100.000	89.926	10.1	97	0.00
24	T	Methyl Acrylate	100.000	103.450	-3.5	99	0.00
25	T	Bromochloromethane	50.000	48.096	3.8	104	0.00
26	T	Propionitrile	100.000	98.984	1.0	94	0.00
27	TC	Chloroform	50.000	50.517	-1.0	104	0.00
28	T	Methacrylonitrile	100.000	103.782	-3.8	99	0.00
29	T	1,1,1-Trichloroethane	50.000	52.067	-4.1	105	0.00
30	T	Tetrahydrofuran	100.000	95.605	4.4	93	0.00 ✓
31	T	1-Chlorobutane	100.000	96.431	3.6	98	0.00
32	S	Dibromofluoromethane	100.000	51.589	48.4#	54	0.00
33	T	2-Chloroethylvinyl ether	50.000	76.246	-52.5#	148	0.00 (↑)
34	T	Carbon Tetrachloride	50.000	55.292	-10.6	108	0.00
35	T	1,1-Dichloropropene	50.000	50.291	-0.6	102	0.00
[illegible]	S	1,2-Dichloroethane-d4	100.000	50.137	49.9#	54	0.00
37	TM	Benzene	50.000	49.719	0.6	102	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
8	T	1,2-Dichloroethane	50.000	48.517	3.0	99	0.00
39	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
0	TM	Trichloroethene	50.000	49.635	0.7	104	0.00
1	TC	1,2-Dichloropropane	50.000	49.335	1.3	103	0.00
42	T	Dibromomethane	50.000	49.570	0.9	100	0.00
3	T	Bromodichloromethane	50.000	54.846	-9.7	109	0.00
4	T	2-Nitropropane	100.000	105.969	-6.0	123	0.00 ✓
45	T	cis-1,3-Dichloropropene	50.000	45.466	9.1	97	0.00 ✓
6	T	Methyl methacrylate	100.000	100.929	-0.9	95	0.00
7	T	4-Methyl-2-Pentanone	100.000	103.417	-3.4	96	0.00
48	TMC	Toluene	50.000	49.326	1.3	103	0.00
9	T	trans-1,3-Dichloropropene	50.000	49.747	0.5	110	0.00 ✓
0	T	1,1,2-Trichloroethane	50.000	49.485	1.0	101	0.00
51	T	Tetrachloroethene	50.000	50.400	-0.8	107	0.00
52	T	Ethyl methacrylate	100.000	91.923	8.1	94	0.00 ✓
53	T	1,3-Dichloropropane	50.000	49.575	0.8	99	0.00
54	T	Dibromochloromethane	50.000	50.133	-0.3	109	0.00 ✓
55	T	2-Hexanone	100.000	103.739	-3.7	98	0.00
56	T	1,2-Dibromoethane	50.000	50.983	-2.0	102	0.00
57	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
58	S	Toluene-d8	100.000	51.135	48.9#	55	0.00
59	TMP	Chlorobenzene	50.000	44.980	10.0	102	0.00
60	S	Ethylbenzene-d10	100.000	51.579	48.4#	56	0.00
61	T	1,1,1,2-Tetrachloroethane	50.000	54.872	-9.7	108	0.00
62	TMC	Ethylbenzene	50.000	49.753	0.5	105	0.00
63	T	Xylene (m+p)	100.000	101.413	-1.4	105	0.00
64	T	Styrene	50.000	51.982	-4.0	103	0.00
65	T	Xylene (o)	50.000	51.607	-3.2	104	0.00
66	TP	Bromoform	50.000	50.690	-1.4	115	0.00 ✓
67	T	Isopropylbenzene	50.000	54.063	-8.1	108	0.00
68	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
69	T	1,4-Dichloro-2-Butene	100.000	108.011	-8.0	106	0.00
70	S	4-Bromofluorobenzene	100.000	52.189	47.8#	57	0.00
	T	Bromobenzene	50.000	48.919	2.2	105	0.00
72	T	1,2,3-Trichloropropane	50.000	56.735	-13.5	114	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	50.000	48.890	2.2	102	0.00
74	T	n-Propylbenzene	50.000	50.408	-0.8	106	0.00
75	T	2-Chlorotoluene	50.000	50.252	-0.5	106	0.00
76	T	4-Chlorotoluene	50.000	49.359	1.3	105	0.00
77	T	1,3,5-Trimethylbenzene	50.000	51.251	-2.5	106	0.00
78	T	tert-Butylbenzene	50.000	70.143	-40.3#	142	0.00
79	T	sec-Butylbenzene	50.000	48.348	3.3	99	0.00
80	T	1,2,4-Trimethylbenzene	50.000	50.935	-1.9	105	0.00
81	T	1,3-Dichlorobenzene	50.000	49.944	0.1	106	0.00
82	T	1,4-Dichlorobenzene	50.000	48.598	2.8	107	0.00
83	T	Isopropyltoluene	50.000	53.711	-7.4	110	0.00
[illegible]	T	1,2-Dichlorobenzene	50.000	50.152	-0.3	107	0.00
[illegible]	T	n-Butylbenzene	50.000	52.494	-5.0	108	0.00
86	T	Hexachloroethane	100.000	96.509	3.5	112	0.00
87	T	1,2-Dibromo-3-chloropropane	50.000	54.791	-9.6	116	0.00
88	T	Nitrobenzene	100.000	128.647	-28.6#	134	0.00
89	T	1,2,4-Trichlorobenzene	50.000	53.473	-6.9	110	0.00
90	T	Naphthalene	50.000	49.828	0.3	104	0.00
91	T	Hexachlorobutadiene	50.000	50.422	-0.8	103	0.00
92	T	1,2,3-Trichlorobenzene	50.000	51.192	-2.4	108	0.00

✓ 3/27/06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032706\B21931.D
Acq On : 27 Mar 2006 10:43
Sample : 2ND SOURCE STD CHECK
Misc : ISSS 50/100PPB CONFIRM STANDARD
MS Integration Params: rteint.p

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	1.000	1.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	0.280	0.308	-10.0	115	0.00
3	TP	Chloromethane	0.436	0.375	14.0	99	0.00
4	TC	Vinyl Chloride	0.365	0.348	4.7	99	0.00
5	T	Bromomethane	0.081	0.083#	-2.5	97	0.00
6	T	Chloroethane	0.201	0.198#	1.5	105	0.00
7	T	Trichlorofluoromethane	0.411	0.408	0.7	104	0.00
8	T	Diethyl Ether	0.144	0.131#	9.0	94	0.00
9	TMC	1,1-Dichloroethene	0.241	0.236#	2.1	102	0.00
0	T	Acrolein	0.024	0.020#	16.7	83	0.00
11	T	Carbon Disulfide	0.800	0.824	-3.0	105	0.00
?	T	Iodomethane	0.195	0.143#	26.7#	76	0.00Q
3	T	Acetone	0.068	0.051#	25.0#	94	0.00L
14	T	Methylene Chloride	0.303	0.225#	25.7#	96	0.00L
15	T	trans-1,2-Dichloroethene	0.281	0.277#	1.4	102	0.00
6	T	Acrylonitrile	0.072	0.078#	-8.3	107	0.00
17	T	Methyl-tert-butyl Ether	0.579	0.577	0.3	99	0.00
18	T	Allyl chloride	0.122	0.112#	8.2	95	0.00
9	TP	1,1-Dichloroethane	0.501	0.496	1.0	102	0.00
0	T	Vinyl Acetate	0.360	0.297#	17.5	79	0.00
21	T	2,2-Dichloropropane	0.287	0.325	-13.2	111	0.00
2	T	cis-1,2-Dichloroethene	0.250	0.257#	-2.8	102	0.00
3	T	2-Butanone	0.093	0.084#	9.7	97	0.00
24	T	Methyl Acrylate	0.159	0.164#	-3.1	99	0.00
5	T	Bromochloromethane	0.093	0.090#	3.2	104	0.00
6	T	Propionitrile	0.026	0.026#	0.0	94	0.00
27	TC	Chloroform	0.461	0.466	-1.1	104	0.00
8	T	Methacrylonitrile	0.076	0.079#	-3.9	99	0.00
9	T	1,1,1-Trichloroethane	0.389	0.406	-4.4	105	0.00
30	T	Tetrahydrofuran	0.069	0.059#	14.5	93	0.00L
31	T	1-Chlorobutane	0.577	0.556	3.6	98	0.00
32	S	Dibromofluoromethane	0.223	0.115#	S48.4#	54	0.00
33	T	2-Chloroethylvinyl ether	0.002	0.003#	-50.0#	148	0.00Q
34	T	Carbon Tetrachloride	0.281	0.311	-10.7	108	0.00
35	T	1,1-Dichloropropene	0.421	0.424	-0.7	102	0.00
	S	1,2-Dichloroethane-d4	0.312	0.156#	S 50.0#	54	0.00
37	TM	Benzene	1.028	1.023	0.5	102	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032706\B21931.D Vial: 6
Acq On : 27 Mar 2006 10:43 Operator: VOA2
Sample : 2ND SOURCE STD CHECK Inst : GC/MS Ins
Misc : ISSS 50/100PPB CONFIRM STANDARD Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
8	T	1,2-Dichloroethane	0.347	0.337	2.9	99	0.00
39	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
0	TM	Trichloroethene	0.289	0.287#	0.7	104	0.00
1	TC	1,2-Dichloropropane	0.321	0.316	1.6	103	0.00
42	T	Dibromomethane	0.137	0.136#	0.7	100	0.00
3	T	Bromodichloromethane	0.365	0.401	-9.9	109	0.00
4	T	2-Nitropropane	0.037	0.046#	-24.3#	123	0.00 L
45	T	cis-1,3-Dichloropropene	0.432	0.451	-4.4	97	0.00 L
6	T	Methyl methacrylate	0.234	0.236#	-0.9	95	0.00
7	T	4-Methyl-2-Pentanone	0.087	0.090#	-3.4	96	0.00
48	TMC	Toluene	0.829	0.818	1.3	103	0.00
9	T	trans-1,3-Dichloropropene	0.356	0.415	-16.6	110	0.00 L
0	T	1,1,2-Trichloroethane	0.217	0.214#	1.4	101	0.00
51	T	Tetrachloroethene	0.247	0.249#	-0.8	107	0.00
52	T	Ethyl methacrylate	0.313	0.318	-1.6	94	0.00 L
3	T	1,3-Dichloropropane	0.446	0.443	0.7	99	0.00
54	T	Dibromochloromethane	0.191	0.221#	-15.7	109	0.00 L
55	T	2-Hexanone	0.156	0.162#	-3.8	98	0.00
6	T	1,2-Dibromoethane	0.208	0.212#	-1.9	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
8	S	Toluene-d8	1.408	0.720	S 48.9#	55	0.00
9	TMP	Chlorobenzene	0.971	0.874	10.0	102	0.00
60	S	Ethylbenzene-d10	1.827	0.943	S 48.4#	56	0.00
1	T	1,1,1,2-Tetrachloroethane	0.257	0.282#	-9.7	108	0.00
2	TMC	Ethylbenzene	1.874	1.865	0.5	105	0.00
63	T	Xylene (m+p)	1.428	1.448	-1.4	105	0.00
4	T	Styrene	0.959	0.997	-4.0	103	0.00
5	T	Xylene (o)	1.370	1.414	-3.2	104	0.00
66	TP	Bromoform	0.117	0.142	-21.4#	115	0.00 L
7	T	Isopropylbenzene	1.572	1.700	-8.1	108	0.00
68	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
69	T	1,4-Dichloro-2-Butene	0.182	0.197#	-8.2	106	0.00
70	S	4-Bromofluorobenzene	1.119	0.584	S 47.8#	57	0.00
	T	Bromobenzene	1.379	1.349	2.2	105	0.00
2	T	1,2,3-Trichloropropane	0.850	0.965	-13.5	114	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032706\B21931.D Vial: 6
Acq On : 27 Mar 2006 10:43 Operator: VOA2
Sample : 2ND SOURCE STD CHECK Inst : GC/MS Ins
Misc : ISSS 50/100PPB CONFIRM STANDARD Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	0.657	0.642	2.3	102	0.00
74	T	n-Propylbenzene	4.435	4.471	-0.8	106	0.00
75	T	2-Chlorotoluene	0.679	0.682	-0.4	106	0.00
76	T	4-Chlorotoluene	0.705	0.696	1.3	105	0.00
77	T	1,3,5-Trimethylbenzene	2.782	2.851	-2.5	106	0.00
78	T	tert-Butylbenzene	2.315	3.248	-40.3#	142	0.00
79	T	sec-Butylbenzene	0.674	0.652	3.3	99	0.00
80	T	1,2,4-Trimethylbenzene	2.761	2.813	-1.9	105	0.00
81	T	1,3-Dichlorobenzene	1.315	1.314	0.1	106	0.00
82	T	1,4-Dichlorobenzene	1.357	1.319	2.8	107	0.00
83	T	Isopropyltoluene	2.832	3.043	-7.5	110	0.00
84	T	1,2-Dichlorobenzene	1.200	1.204	-0.3	107	0.00
[illegible]	T	n-Butylbenzene	3.001	3.151	-5.0	108	0.00
86	T	Hexachloroethane	0.262	0.305	-16.4	112	0.00
87	T	1,2-Dibromo-3-chloropropane	0.108	0.136#	-25.9#	116	0.00
88	T	Nitrobenzene	0.014	0.018#	-28.6#	134	0.00
89	T	1,2,4-Trichlorobenzene	0.764	0.817	-6.9	110	0.00
90	T	Naphthalene	1.546	1.682	-8.8	104	0.00
91	T	Hexachlorobutadiene	0.253	0.255#	-0.8	103	0.00
92	T	1,2,3-Trichlorobenzene	0.728	0.745	-2.3	108	0.00

3rd source

✓ 3/27/06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21899.D
Acq On : 24 Mar 2006 23:36
Sample : 3RD SOURCE 50PPB
Misc : ISSB T-BUTYLBENZENE
MS Integration Params: rteint.p
Quant Time: Mar 27 10:27 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

CHECKED BY
ENTERED BY
PACKAGE #

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) Fluorobenzene	5.92	96	1377451	50.00 ppb		0.00
39) 1,4-Difluorobenzene	6.03	114	1040767	50.00 ppb		0.00
57) Chlorobenzene-d5	8.85	117	882679	50.00 ppb		0.00
68) 1,4-Dichlorobenzene-d4	11.15	152	419547	50.00 ppb		0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.26	111	306800	49.88 ppb		0.00
36) 1,2-Dichloroethane-d4	5.60	65	419458	48.78 ppb		0.00
58) Toluene-d8	7.45	98	1291835	51.98 ppb		0.00
60) Ethylbenzene-d10	8.90	98	1630992	50.55 ppb		0.00
70) 4-Bromofluorobenzene	10.00	95	495004	52.74 ppb		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.56	50	4652	0.39 ppb	#	78
4) Vinyl Chloride	1.66	62	1593	0.16 ppb		99
5) Bromomethane	1.94	94	1535	0.69 ppb	#	1
6) Chloroethane	1.92	64	226	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Diethyl Ether	0.00	74	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) Acrolein	0.00	56	0	N.D.		
11) Carbon Disulfide	3.05	76	2064	0.09 ppb	#	76
12) Iodomethane	2.99	142	8291	967.51 ppb	#	86
13) Acetone	2.92	43	17174	4.38 ppb		96
14) Methylene Chloride	3.38	84	9236	-1.92 ppb		98
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
16) Acrylonitrile	3.70	53	1356	0.68 ppb	#	65
17) Methyl-tert-butyl Ether	3.70	73	12670	0.79 ppb		99
18) Allyl chloride	3.05	76	2064	0.61 ppb	#	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.		
20) Vinyl Acetate	4.23	43	222	N.D.		
21) 2,2-Dichloropropane	0.00	77	0	N.D.		
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
23) 2-Butanone	4.81	43	4097	1.60 ppb	#	81
24) Methyl Acrylate	4.90	55	1044	0.24 ppb	#	63
25) Bromochloromethane	0.00	130	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21899.D
Acq On : 24 Mar 2006 23:36
Sample : 3RD SOURCE 50PPB
Misc : ISSS T-BUTYLBENZENE
MS Integration Params: rteint.p
Quant Time: Mar 27 10:27 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	Propionitrile	0.00	54	0	N.D.		
27)	Chloroform	5.10	83	550	N.D.		
28)	Methacrylonitrile	5.31	67	2061	0.99 ppb	#	1
29)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
30)	Tetrahydrofuran	5.07	42	7548	1.15 ppb		93
31)	1-Chlorobutane	5.38	56	663	N.D.		
33)	2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34)	Carbon Tetrachloride	0.00	119	0	N.D.		
35)	1,1-Dichloropropene	5.31	75	59694	5.14 ppb	#	60
37)	Benzene	5.64	78	1420951	50.15 ppb		100
38)	1,2-Dichloroethane	5.64	62	13590	1.42 ppb	#	78
40)	Trichloroethene	6.27	130	172	N.D.		
41)	1,2-Dichloropropane	0.00	63	0	N.D.		
42)	Dibromomethane	0.00	174	0	N.D.		
43)	Bromodichloromethane	0.00	83	0	N.D.		
44)	2-Nitropropane	7.01	41	175	9.10 ppb	#	90
45)	cis-1,3-Dichloropropene	7.51	75	10122	3.45 ppb	#	1
46)	Methyl methacrylate	6.63	41	851	0.17 ppb	#	65
47)	4-Methyl-2-Pentanone	7.36	58	1029	0.57 ppb	#	67
48)	Toluene	7.51	92	846254	49.05 ppb		99
49)	trans-1,3-Dichloropropene	7.73	75	380	3.21 ppb	#	44
50)	1,1,2-Trichloroethane	7.46	97	27893	6.18 ppb	#	14
51)	Tetrachloroethene	8.04	164	158	N.D.		
52)	Ethyl methacrylate	7.82	69	3016	3.13 ppb	#	68
53)	1,3-Dichloropropane	8.08	76	400	N.D.		
54)	Dibromochloromethane	0.00	129	0	N.D.		
55)	2-Hexanone	8.16	43	4841	1.49 ppb	#	78
56)	1,2-Dibromoethane	8.40	107	161	N.D.		
59)	Chlorobenzene	8.91	112	13085	0.76 ppb	#	1
61)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62)	Ethylbenzene	8.98	91	1672417	50.56 ppb		100
63)	Xylene (m+p)	9.09	91	2584024	102.51 ppb		99
64)	Styrene	9.50	104	897794	53.02 ppb		97
65)	Xylene (o)	9.48	91	1270753	52.54 ppb		100
66)	Bromoform	0.00	173	0	N.D.		
67)	Isopropylbenzene	9.85	105	1424881	51.35 ppb		99
69)	1,4-Dichloro-2-Butene	10.25	53	9914	6.49 ppb	#	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\032406\B21899.D
Acq On : 24 Mar 2006 23:36
Sample : 3RD SOURCE 50PPB
Misc : ISSS T-BUTYLBENZENE
MS Integration Params: rteint.p
Quant Time: Mar 27 10:27 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

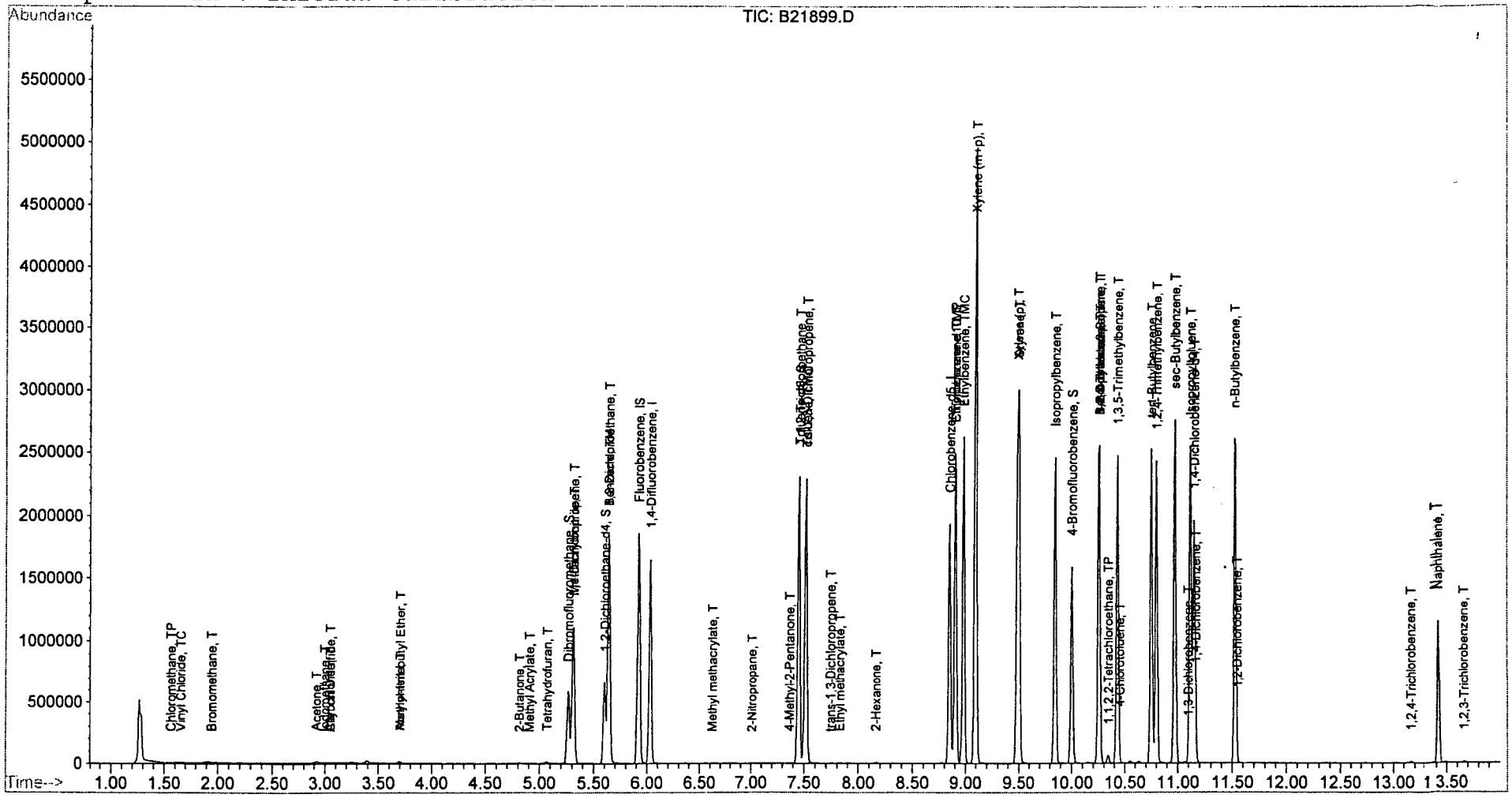
Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71)	Bromobenzene	10.25	77	82118	7.10 ppb	#	27
72)	1,2,3-Trichloropropane	10.25	75	12054	1.69 ppb	#	1
73)	1,1,2,2-Tetrachloroethane	10.34	83	959	0.17 ppb	#	19
74)	n-Propylbenzene	10.25	91	1892067	50.84 ppb		98
75)	2-Chlorotoluene	10.34	126	159	N.D.		
76)	4-Chlorotoluene	10.45	126	1212	0.20 ppb	#	1
77)	1,3,5-Trimethylbenzene	10.43	105	1229462	52.67 ppb		100
78)	tert-Butylbenzene	10.75	119	1059086	54.51 ppb		99
79)	sec-Butylbenzene	10.97	134	306398	54.14 ppb		96
80)	1,2,4-Trimethylbenzene	10.80	105	1225249	52.88 ppb		99
81)	1,3-Dichlorobenzene	11.09	146	2665	0.24 ppb	#	76
82)	1,4-Dichlorobenzene	11.17	146	3861	0.34 ppb	#	1
83)	Isopropyltoluene	11.11	119	1269372	53.41 ppb		100
84)	1,2-Dichlorobenzene	11.55	146	2666	0.26 ppb		96
85)	n-Butylbenzene	11.52	91	1361769	54.08 ppb		100
86)	Hexachloroethane	0.00	201	0	N.D.		
87)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88)	Nitrobenzene	0.00	77	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.17	180	3155	0.49 ppb		92
90)	Naphthalene	13.42	128	725383	51.17 ppb		99
91)	Hexachlorobutadiene	0.00	190	0	N.D.		
92)	1,2,3-Trichlorobenzene	13.66	180	3221	0.53 ppb		95

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\032406\B21899.D Vial: 36
Acq On : 24 Mar 2006 23:36 Operator: VOA2
Sample : 3RD SOURCE 50PPB Inst : GC/MS Ins
Misc : ISSS T-BUTYLBENZENE Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 27 10:27 19106 Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21899.D
Acq On : 24 Mar 2006 23:36
Sample : 3RD SOURCE 50PPB
Misc : ISSS T-BUTYLBENZENE
MS Integration Params: rteint.p

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	1.000	1.000	0.0	108	0.00
2	T	Dichlorodifluoromethane	0.280	0.000#	100.0#	0#	-1.40#
3	TP	Chloromethane	0.436	0.003#	99.3#	1#	-0.02
4	TC	Vinyl Chloride	0.365	0.001#	99.7#	0#	0.00
5	T	Bromomethane	0.081	0.001#	98.8#	1#	0.00
6	T	Chloroethane	0.201	0.000#	100.0#	0#	-0.11
7	T	Trichlorofluoromethane	0.411	0.000#	100.0#	0#	-2.27#
8	T	Diethyl Ether	0.144	0.000#	100.0#	0#	-2.59#
9	TMC	1,1-Dichloroethene	0.241	0.000#	100.0#	0#	-2.82#
0	T	Acrolein	0.024	0.000#	100.0#	0#	-2.74#
11	T	Carbon Disulfide	0.800	0.001#	99.9#	0#	0.00
12	T	Iodomethane	0.195	0.003#	98.5#	2#	0.00
3	T	Acetone	0.068	0.006#	91.2#	12#	0.00
14	T	Methylene Chloride	0.303	0.007#	97.7#	3#	0.00
15	T	trans-1,2-Dichloroethene	0.281	0.000#	100.0#	0#	-3.68#
6	T	Acrylonitrile	0.072	0.000#	100.0#	0#	0.00
17	T	Methyl-tert-butyl Ether	0.579	0.005#	99.1#	1#	0.00
18	T	Allyl chloride	0.122	0.001#	99.2#	1#	-0.19
9	TP	1,1-Dichloroethane	0.501	0.000#	100.0#	0#	-4.15#
0	T	Vinyl Acetate	0.360	0.000#	100.0#	0#	0.00
21	T	2,2-Dichloropropane	0.287	0.000#	100.0#	0#	-4.75#
2	T	cis-1,2-Dichloroethene	0.250	0.000#	100.0#	0#	-4.77#
3	T	2-Butanone	0.093	0.001#	98.9#	2#	0.00
24	T	Methyl Acrylate	0.159	0.000#	100.0#	0#	0.00
5	T	Bromochloromethane	0.093	0.000#	100.0#	0#	-5.02#
6	T	Propionitrile	0.026	0.000#	100.0#	0#	-4.90#
27	TC	Chloroform	0.461	0.000#	100.0#	0#	0.00
8	T	Methacrylonitrile	0.076	0.001#	98.7#	1#	0.29
9	T	1,1,1-Trichloroethane	0.389	0.000#	100.0#	0#	-5.26#
30	T	Tetrahydrofuran	0.069	0.003#	95.7#	5#	0.00
31	T	1-Chlorobutane	0.577	0.000#	100.0#	0#	0.00
2	S	Dibromofluoromethane	0.223	0.111#	50.2#	55	0.00
33	T	2-Chloroethylvinyl ether	0.002	0.000#	100.0#	0#	-7.07#
34	T	Carbon Tetrachloride	0.281	0.000#	100.0#	0#	-5.42#
5	T	1,1-Dichloropropene	0.421	0.043#	89.8#	11#	-0.12
	S	1,2-Dichloroethane-d4	0.312	0.152#	51.3#	55	0.00
7	TM	Benzene	1.028	1.032	-0.4	109	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21899.D
Acq On : 24 Mar 2006 23:36
Sample : 3RD SOURCE 50PPB
Misc : ISSS T-BUTYLBENZENE
MS Integration Params: rteint.p

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
8	T	1,2-Dichloroethane	0.347	0.010#	97.1#	3#	-0.03
39	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
0	TM	Trichloroethene	0.289	0.000#	100.0#	0#	0.00
1	TC	1,2-Dichloropropane	0.321	0.000#	100.0#	0#	-6.50#
42	T	Dibromomethane	0.137	0.000#	100.0#	0#	-6.62#
3	T	Bromodichloromethane	0.365	0.000#	100.0#	0#	-6.77#
4	T	2-Nitropropane	0.037	0.000#	100.0#	0#	0.00
45	T	cis-1,3-Dichloropropene	0.432	0.010#	97.7#	2#	0.32
6	T	Methyl methacrylate	0.234	0.000#	100.0#	0#	0.00
7	T	4-Methyl-2-Pentanone	0.087	0.000#	100.0#	1#	0.00
48	TMC	Toluene	0.829	0.813	1.9	106	0.00
9	T	trans-1,3-Dichloropropene	0.356	0.000#	100.0#	0#	-0.01
0	T	1,1,2-Trichloroethane	0.217	0.027#	87.6#	13#	-0.46
51	T	Tetrachloroethene	0.247	0.000#	100.0#	0#	0.00
52	T	Ethyl methacrylate	0.313	0.001#	99.7#	0#	0.00
3	T	1,3-Dichloropropane	0.446	0.000#	100.0#	0#	0.00
54	T	Dibromochloromethane	0.191	0.000#	100.0#	0#	-8.29#
55	T	2-Hexanone	0.156	0.002#	98.7#	1#	0.00
6	T	1,2-Dibromoethane	0.208	0.000#	100.0#	0#	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
8	S	Toluene-d8	1.408	0.732	48.0#	55	0.00
9	TMP	Chlorobenzene	0.971	0.015#	98.5#	2#	0.03
60	S	Ethylbenzene-d10	1.827	0.924	49.4#	54	0.00
1	T	1,1,1,2-Tetrachloroethane	0.257	0.000#	100.0#	0#	-8.95#
2	TMC	Ethylbenzene	1.874	1.895	-1.1	105	0.00
63	T	Xylene (m+p)	1.428	1.464	-2.5	105	0.00
4	T	Styrene	0.959	1.017	-6.0	104	0.00
5	T	Xylene (o)	1.370	1.440	-5.1	104	0.00
66	TP	Bromoform	0.117	0.000#	100.0#	0#	-9.69#
7	T	Isopropylbenzene	1.572	1.614	-2.7	101	0.00
68	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
69	T	1,4-Dichloro-2-Butene	0.182	0.012#	93.4#	6#	0.03
70	S	4-Bromofluorobenzene	1.119	0.590	47.3#	55	0.00
	T	Bromobenzene	1.379	0.196#	85.8#	14#	0.10
2	T	1,2,3-Trichloropropane	0.850	0.029#	96.6#	3#	0.04

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\032406\B21899.D
Acq On : 24 Mar 2006 23:36
Sample : 3RD SOURCE 50PPB
Misc : ISSS T-BUTYLBENZENE
MS Integration Params: rteint.p

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	0.657	0.002#	99.7#	0#	0.18
74	T	n-Propylbenzene	4.435	4.510	-1.7	101	0.00
75	T	2-Chlorotoluene	0.679	0.000#	100.0#	0#	0.00
76	T	4-Chlorotoluene	0.705	0.003#	99.6#	0#	0.00
77	T	1,3,5-Trimethylbenzene	2.782	2.930	-5.3	103	0.00
78	T	tert-Butylbenzene	2.315	2.524	-9.0	104	0.00
79	T	sec-Butylbenzene	0.674	0.730	-8.3	104	0.00
80	T	1,2,4-Trimethylbenzene	2.761	2.920	-5.8	103	0.00
81	T	1,3-Dichlorobenzene	1.315	0.006#	99.5#	0#	0.00
82	T	1,4-Dichlorobenzene	1.357	0.009#	99.3#	1#	0.00
83	T	Isopropyltoluene	2.832	3.026	-6.9	104	0.00
84	T	1,2-Dichlorobenzene	1.200	0.006#	99.5#	1#	0.00
85	T	n-Butylbenzene	3.001	3.246	-8.2	105	0.00
86	T	Hexachloroethane	0.262	0.000#	100.0#	0#	-11.79#
87	T	1,2-Dibromo-3-chloropropane	0.108	0.000#	100.0#	0#	-12.34#
88	T	Nitrobenzene	0.014	0.000#	100.0#	0#	-12.55#
89	T	1,2,4-Trichlorobenzene	0.764	0.008#	99.0#	1#	0.00
90	T	Naphthalene	1.546	1.729	-11.8	101	0.00
91	T	Hexachlorobutadiene	0.253	0.000#	100.0#	0#	-13.33#
92	T	1,2,3-Trichlorobenzene	0.728	0.008#	98.9#	1#	0.00

(#) = Out of Range SPCC's out = 5 CCC's out = 4

Injection Log

Directory: d:\hpdata\050106

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	b23301.d	1.	VIBLK	ISSS	1 May 06 08:3
2	2	b23302.d	1.	VIBLK	ISSS	1 May 06 08:5
3	3	b23303.d	1.	VIBLK	ISSS	1 May 06 09:1
4	4	b23304.d	1.	VIBLK	ISSS	1 May 06 09:3
5	5	b23305.d	1.	VSTD1-EXTRAS 50/500/1000PPB	ISSS+CUS1+CUS2	1 May 06 09:5
6	6	b23306.d	1.	VSTD2-EXTRAS 50/500/1000PPB	ISSS+CUS1+CUS2	1 May 06 10:1
7	7	b23307.d	1.	VSTD3-50/100PPB	ISSS+VOC+AA	1 May 06 10:3
8	8	b23308.d	1.	VSTD4-50/100PPB	ISSS+VOC+AA	1 May 06 10:5
9	9	b23309.d	1.	LCS- 128397	ISSS+MS MIX 50PPB	1 May 06 11:1
	10	b23310.d	1.	LCS- 128398 @ 5/2/06	ISSS+MS MIX 50PPB	1 May 06 11:3
	11	b23311.d	1.	VBLK1-05-01-06	ISSS	1 May 06 11:5
12	12	b23312.d	1.	VBLK2-05-01-06	ISSS	1 May 06 12:2
13	13	b23313.d	1.	227742-1 SK 5.006G	128397 ISSS J-JAR	1 May 06 12:4
	14	b23314.d	1.	227779-1 JJ&G 4.379G	128398 ISSS	1 May 06 13:0
15	15	b23315.d	1.	227742-5 SK 5.004G	128397 ISSS J-JAR	1 May 06 13:2
16	16	b23316.d	1.	227779-3 JJ&G 4.687G	128398 ISSS	1 May 06 13:4
17	17	b23317.d	1.	227742-5MS SK 5.000G	128397 ISSS J-JAR	1 May 06 14:0
	18	b23318.d	1.	227779-5 JJ&G 3.362G	128398 ISSS	1 May 06 14:2
19	19	b23319.d	1.	227742-5MSD SK 5.000G	128397 ISSS J-JAR	1 May 06 14:4
20	20	b23320.d	1.	227779-15 JJ&G 3.724G	128398 ISSS	1 May 06 15:0
21	21	b23321.d	1.	227742-2 SK 4.996G	128397 ISSS J-JAR	1 May 06 15:2
22	22	b23322.d	1.	227779-17MS JJ&G 4.869G	128398 ISSS AKA-15	1 May 06 15:4
23	23	b23323.d	1.	227742-4 SK 5.010G	128397 ISSS J-JAR	1 May 06 16:0
24	24	b23324.d	1.	227779-19MSD JJ&G 3.742G	128398 ISSS AKA-15	1 May 06 16:2
25	25	b23325.d	1.	227742-6 SK 4.998G	128397 ISSS J-JAR	1 May 06 16:4
26	26	b23326.d	1.	227779-7 JJ&G 4.264G	128398 ISSS AKA-15	1 May 06 17:0
27	27	b23327.d	1.	227742-9 SK 4.995G	128397 ISSS J-JAR	1 May 06 17:2
28	28	b23328.d	1.	227779-9 JJ&G 4.306G	128398 ISSS	1 May 06 17:4
29	29	b23329.d	1.	227742-3 SK 5.000G	128397 ISSS J-JAR	1 May 06 18:1
30	30	b23330.d	1.	227779-11 JJ&G 4.74G	128398 ISSS	1 May 06 18:3
31	31	b23331.d	1.	227745-5MSRR1 JJ&G 4.988G	128397 ISSS	1 May 06 18:5
32	32	b23332.d	1.	227779-13 JJ&G 5.387G	128398 ISSS	1 May 06 19:1
33	33	b23333.d	1.	VIBLK	128397 ISSS	1 May 06 19:3
34	34	b23334.d	1.	227779-21 JJ&G 4.598G	128398 ISSS	1 May 06 19:5
35	35	b23335.d	1.	VIBLK	128397 ISSS	1 May 06 20:1
36	36	b23336.d	1.	227779-23 JJ&G 5.095G	128398 ISSS	1 May 06 20:3
37	37	b23337.d	1.	VIBLK	128397 ISSS	1 May 06 20:5
38	38	b23338.d	1.	227779-25 JJ&G 4.779G	128398 ISSS	1 May 06 21:1
39	39	b23339.d	1.	VIBLK	128397 ISSS	1 May 06 21:3
40	40	b23340.d	1.	227779-27 JJ&G 4.641G	128398 ISSS	1 May 06 21:5
41	41	b23341.d	1.	VIBLK	ISSS	1 May 06 22:1
42	42	b23342.d	1.	VIBLK	ISSS	1 May 06 22:3
43	43	b23343.d	1.	VIBLK	ISSS	1 May 06 22:5
44	44	b23344.d	1.	VIBLK	ISSS	1 May 06 23:1

Daily Standards

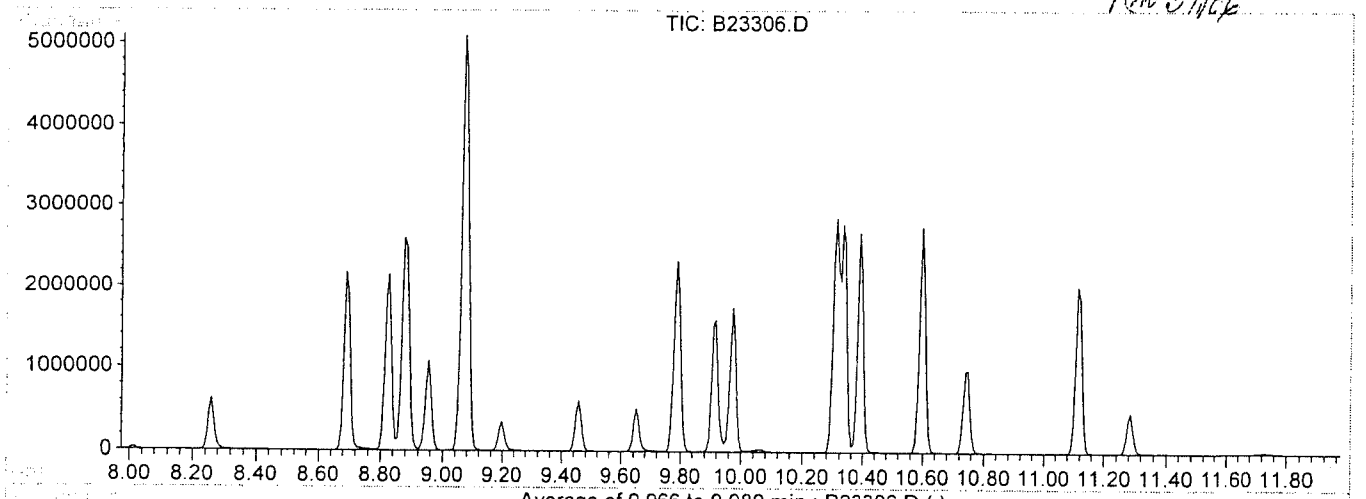
STD	ASI or Lot #	Exp Date
IS		
SS		
ISSS	S010417 06	10/17/06
VOC STD	S010501 06	5/8/06
AA	S010421 06	5/4/06
MS Mix	S010424 06	5/6/06
QC Check		
2ND Source		
GRO STD		
TCLP Mix		
Other Custom mix #1	S010419 06	5/19/06
Other Custom Mix #2	S020419 06	5/19/06
Other		
Other		
Other		
Other		
Other		
Other		
Other		
Other		
Other		
Other		
Other		
Other		
Other		

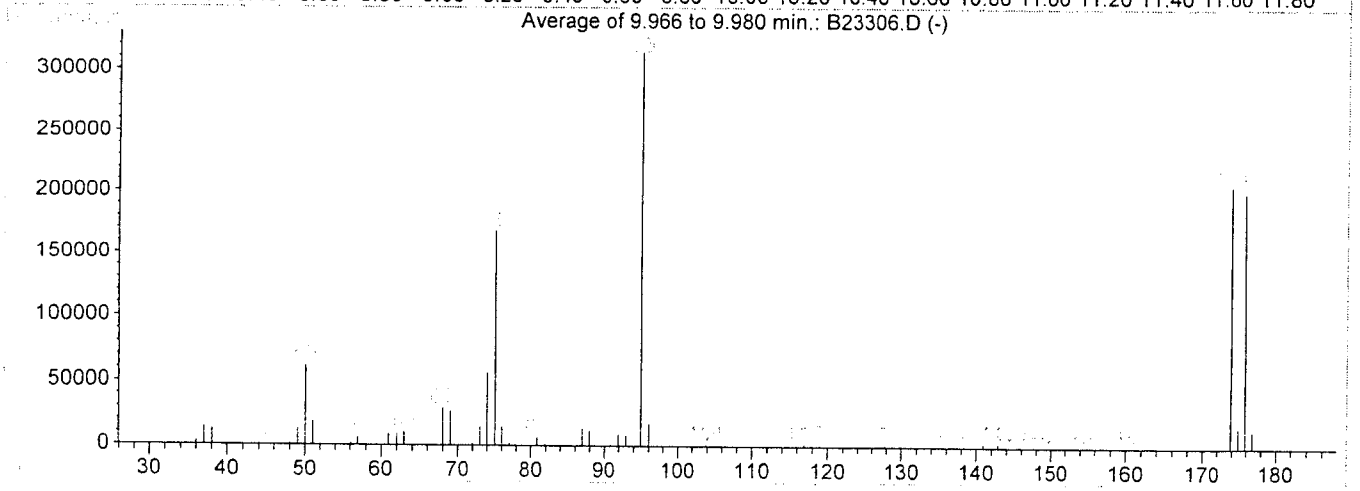
Analyst: [illegible] Date: 5/1/06

SW-846 Method 8260

Data File : D:\HPDATA\050106\B23306.D
Acq On : 1 May 2006 10:16
Sample : VSTD2-EXTRAS 50/500/1000PPB
Misc : ISSS+CUS1+CUS2
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\EXTRA2.M (RTE Integrator)
Title : SW-846 Method 8260

Vial: 6
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00





AutoFind: Scans 1280, 1281, 1282; Background Corrected with Scan 1275

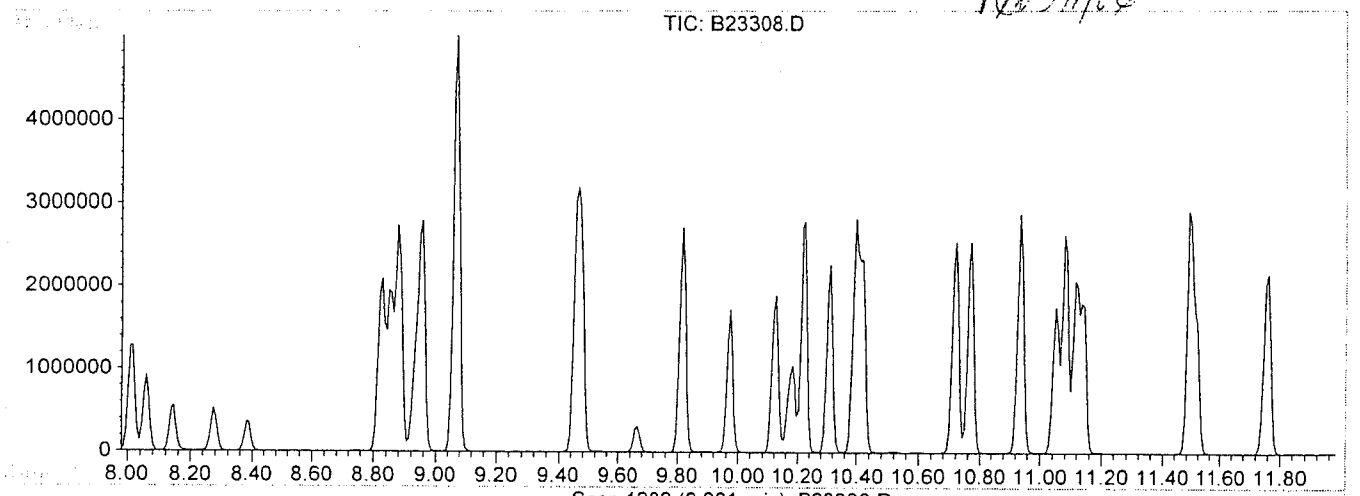
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	61288	PASS
75	95	30	66	53.6	168215	PASS
95	95	100	100	100.0	313878	PASS
96	95	5	9	5.4	16859	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.7	206357	PASS
175	174	5	9	7.4	15259	PASS
176	174	95	101	97.5	201280	PASS
177	176	5	9	6.5	13159	PASS

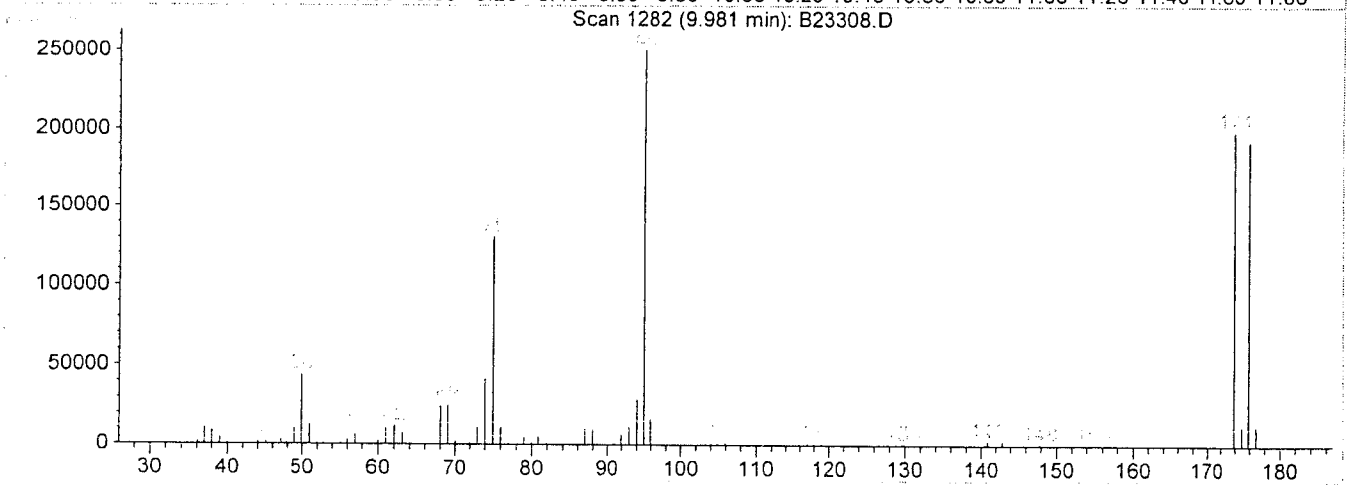
B23306.D EXTRA2.M Mon May 01 10:33:15 2006

BFB

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00





Spectrum Information: Scan 1282

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	43752	PASS
75	95	30	60	52.1	130664	PASS
95	95	100	100	100.0	250560	PASS
96	95	5	9	6.4	16121	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.7	199616	PASS
175	174	5	9	6.1	12084	PASS
176	174	95	101	96.8	193216	PASS
177	176	5	9	6.2	11965	PASS

B23308.D 8260PT2.M Mon May 01 11:40:41 2006

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:11 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Rerun hits for 20EVE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1331340	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	1018884	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	942036	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	441440	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	289426	48.69 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	358297	43.11 ppb	0.00
58) Toluene-d8	7.44	98	1335741	50.36 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1743659	50.64 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	518716	52.52 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.40	85	368709	49.38 ppb	99
3) Chloromethane	1.57	50	563307	48.57 ppb	99
4) Vinyl Chloride	1.66	62	478256	49.17 ppb 49.02 ppb	99
5) Bromomethane	1.94	94	86575	40.28 ppb #	1
6) Chloroethane	2.03	64	256941	48.09 ppb	100
7) Trichlorofluoromethane	2.28	101	474112	43.28 ppb #	99
8) Diethyl Ether	2.59	74	327332	85.37 ppb	97
9) 1,1-Dichloroethene	2.82	96	304076	47.45 ppb	99
10) Acrolein	2.74	56	63848	98.69 ppb #	99
11) Carbon Disulfide	3.05	76	2091367	98.12 ppb	100
12) Iodomethane	2.99	142	400364	77.20 ppb 86.28 ppb	95
13) Acetone	2.92	43	125611	90.25 ppb	100
14) Methylene Chloride	3.39	84	276925	42.66 ppb	96
15) trans-1,2-Dichloroethene	3.68	96	386379	51.63 ppb	100
16) Acrylonitrile	3.70	53	345669	179.27 ppb	99
17) Methyl-tert-butyl Ether	3.70	73	1481678	96.16 ppb	97
18) Allyl chloride	3.25	76	315133	96.86 ppb	79
19) 1,1-Dichloroethane	4.16	63	701526	52.58 ppb	99
20) Vinyl Acetate	4.23	43	554357	57.76 ppb	99
21) 2,2-Dichloropropane	4.75	77	448588	58.64 ppb	97
22) cis-1,2-Dichloroethene	4.77	96	370534	55.57 ppb	99
23) 2-Butanone	4.81	43	226228	91.33 ppb	99
24) Methyl Acrylate	4.90	55	436739	103.47 ppb	99
25) Bromochloromethane	5.01	130	124042	49.89 ppb	100

integrate peak 4 fail 01/1/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:11 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	4.89	54	68481	97.20 ppb	98
27) Chloroform	5.10	83	609114	49.63 ppb	100
28) Methacrylonitrile	5.03	67	207885	103.10 ppb	97
29) 1,1,1-Trichloroethane	5.26	97	539673	52.04 ppb	100
30) Tetrahydrofuran	5.06	42	162914	100.06 ppb	97
31) 1-Chlorobutane	5.37	56	1620309	105.50 ppb	100
33) 2-Chloroethylvinyl ether	7.06	63	53088	392.25 ppb ↑#	87
34) Carbon Tetrachloride	5.42	119	410348	54.82 ppb	98
35) 1,1-Dichloropropene	5.43	75	586094	52.25 ppb	97
37) Benzene	5.64	78	1478639	54.00 ppb	100
38) 1,2-Dichloroethane	5.67	62	421624	45.63 ppb	98
40) Trichloroethene	6.26	130	316729	53.70 ppb	97
41) 1,2-Dichloropropane	6.49	63	361174	55.30 ppb	99
42) Dibromomethane	6.60	174	139724	49.91 ppb	99
43) Bromodichloromethane	6.76	83	399587	53.68 ppb	97
44) 2-Nitropropane	7.00	41	90086	101.48 ppb	99
45) cis-1,3-Dichloropropene	7.18	75	528110	51.88 ppb	98
46) Methyl methacrylate	6.61	41	467677	98.04 ppb	98
47) 4-Methyl-2-Pentanone	7.34	58	189741	106.60 ppb	98
48) Toluene	7.50	92	884880	52.39 ppb	100
49) trans-1,3-Dichloropropene	7.72	75	421302	49.55 ppb	100
50) 1,1,2-Trichloroethane	7.90	97	223845	50.69 ppb	99
51) Tetrachloroethene	8.02	164	259591	51.53 ppb	96
52) Ethyl methacrylate	7.81	69	742316	105.01 ppb	98
53) 1,3-Dichloropropane	8.06	76	457800	50.32 ppb	99
54) Dibromochloromethane	8.27	129	218846	48.88 ppb	99
55) 2-Hexanone	8.15	43	332581	104.55 ppb	99
56) 1,2-Dibromoethane	8.38	107	215944	50.93 ppb	99
59) Chlorobenzene	8.86	112	830125	45.36 ppb	93
61) 1,1,1,2-Tetrachloroethane	8.93	131	245556	50.72 ppb	99
62) Ethylbenzene	8.96	91	1720641	48.74 ppb	98
63) Xylene (m+p)	9.07	91	2641119	98.18 ppb	97
64) Styrene	9.47	104	943105	52.19 ppb	96
65) Xylene (o)	9.46	91	1286601	49.85 ppb	96
66) Bromoform	9.67	173	121192	46.19 ppb	100
67) Isopropylbenzene	9.82	105	1533228	51.77 ppb	99
69) 1,4-Dichloro-2-Butene	10.18	53	172175	107.06 ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:11 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Bromobenzene	10.12	77	611382	50.23 ppb	97
72)	1,2,3-Trichloropropane	10.18	75	395731	52.71 ppb	100
73)	1,1,2,2-Tetrachloroethane	10.12	83	292796	50.49 ppb	99
74)	n-Propylbenzene	10.22	91	2068676	52.83 ppb	99
75)	2-Chlorotoluene	10.31	126	307826	51.36 ppb	95
76)	4-Chlorotoluene	10.42	126	317286	50.99 ppb	93
77)	1,3,5-Trimethylbenzene	10.40	105	1267266	51.60 ppb	98
78)	tert-Butylbenzene	10.72	119	1047721	51.25 ppb	98
79)	sec-Butylbenzene	10.93	134	315399	52.97 ppb	95
80)	1,2,4-Trimethylbenzene	10.77	105	1240916	50.90 ppb	96
81)	1,3-Dichlorobenzene	11.05	146	580672	50.01 ppb	99
82)	1,4-Dichlorobenzene	11.14	146	573474	47.88 ppb	99
83)	Isopropyltoluene	11.08	119	1300906	52.02 ppb	99
84)	1,2-Dichlorobenzene	11.52	146	509771	48.12 ppb	99
85)	n-Butylbenzene	11.49	91	1445924	54.57 ppb	100
86)	Hexachloroethane	11.76	201	279990	100.07 ppb	99
87)	1,2-Dibromo-3-chloropropan	12.30	75	48839	44.98 ppb	98
88)	Nitrobenzene	12.51	77	12894	109.28 ppb	99
89)	1,2,4-Trichlorobenzene	13.12	180	352528	52.24 ppb	98
90)	Naphthalene	13.37	128	730884	49.05 ppb	98
91)	Hexachlorobutadiene	13.28	190	108075	48.36 ppb	95
92)	1,2,3-Trichlorobenzene	13.61	180	318639	49.57 ppb	98

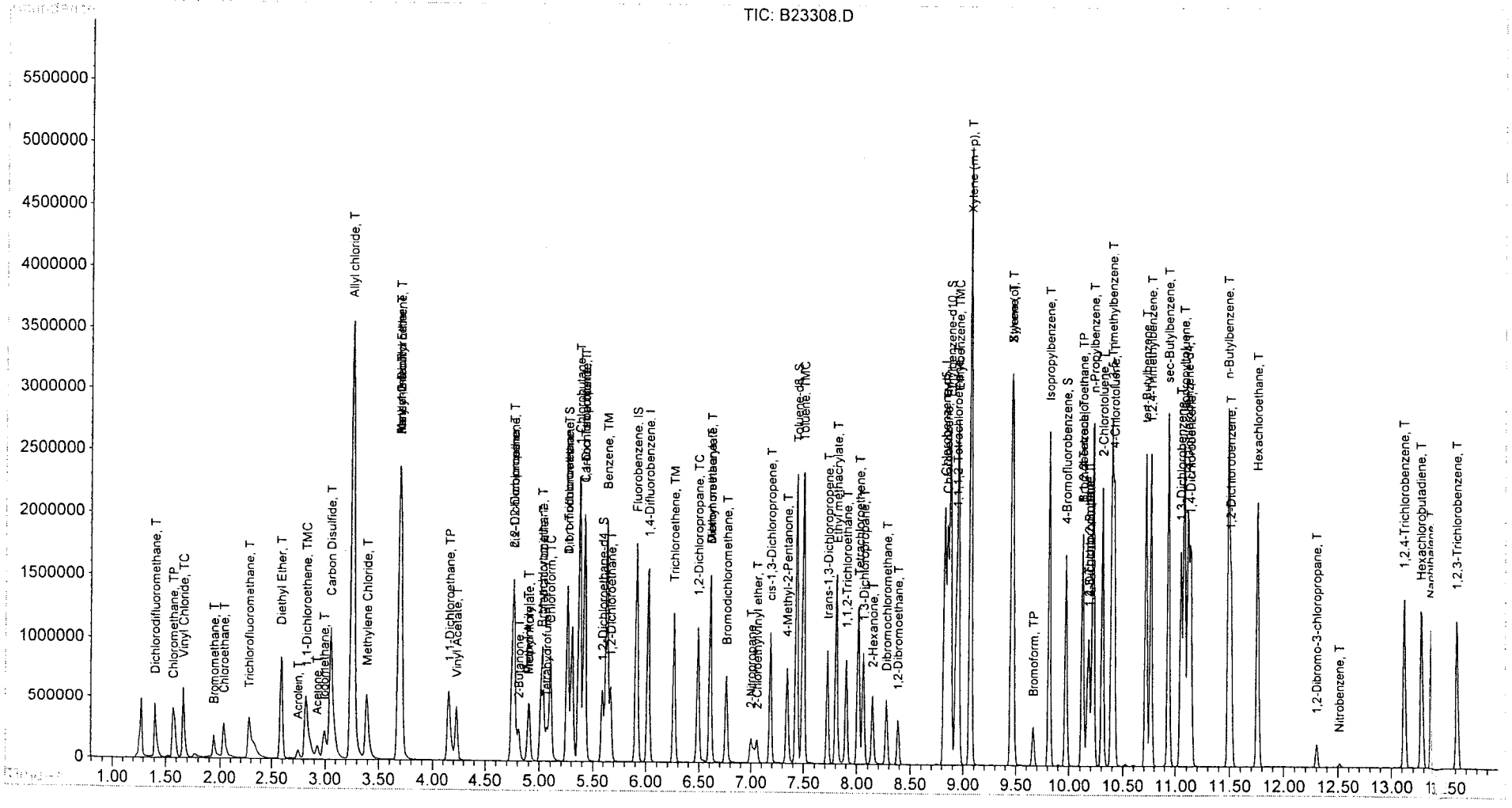
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:11 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration

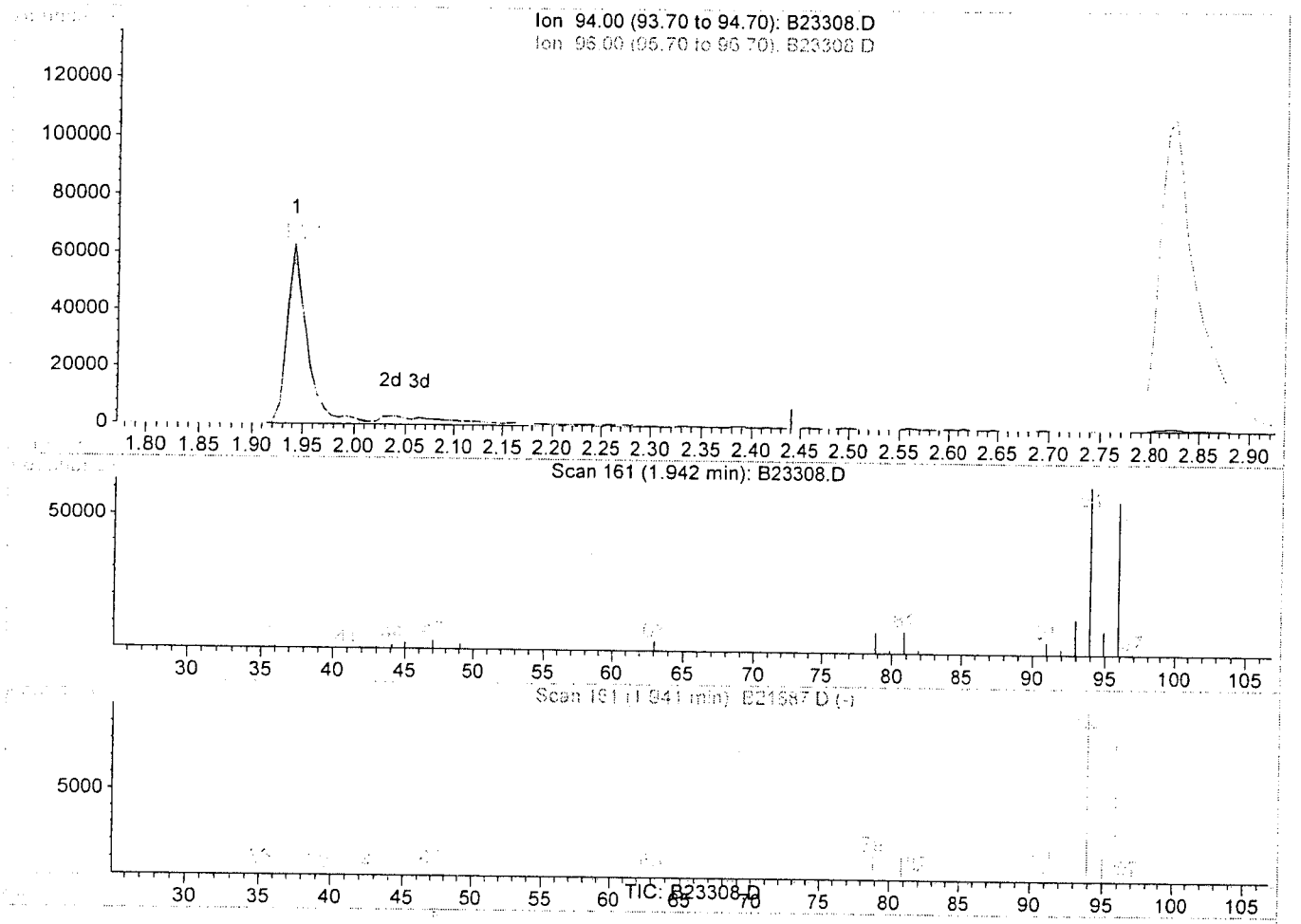


Quantitation Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
Quant Time: May 1 11:35 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(5) Bromomethane (T)

1.94min 49.02ppb m

response 105362

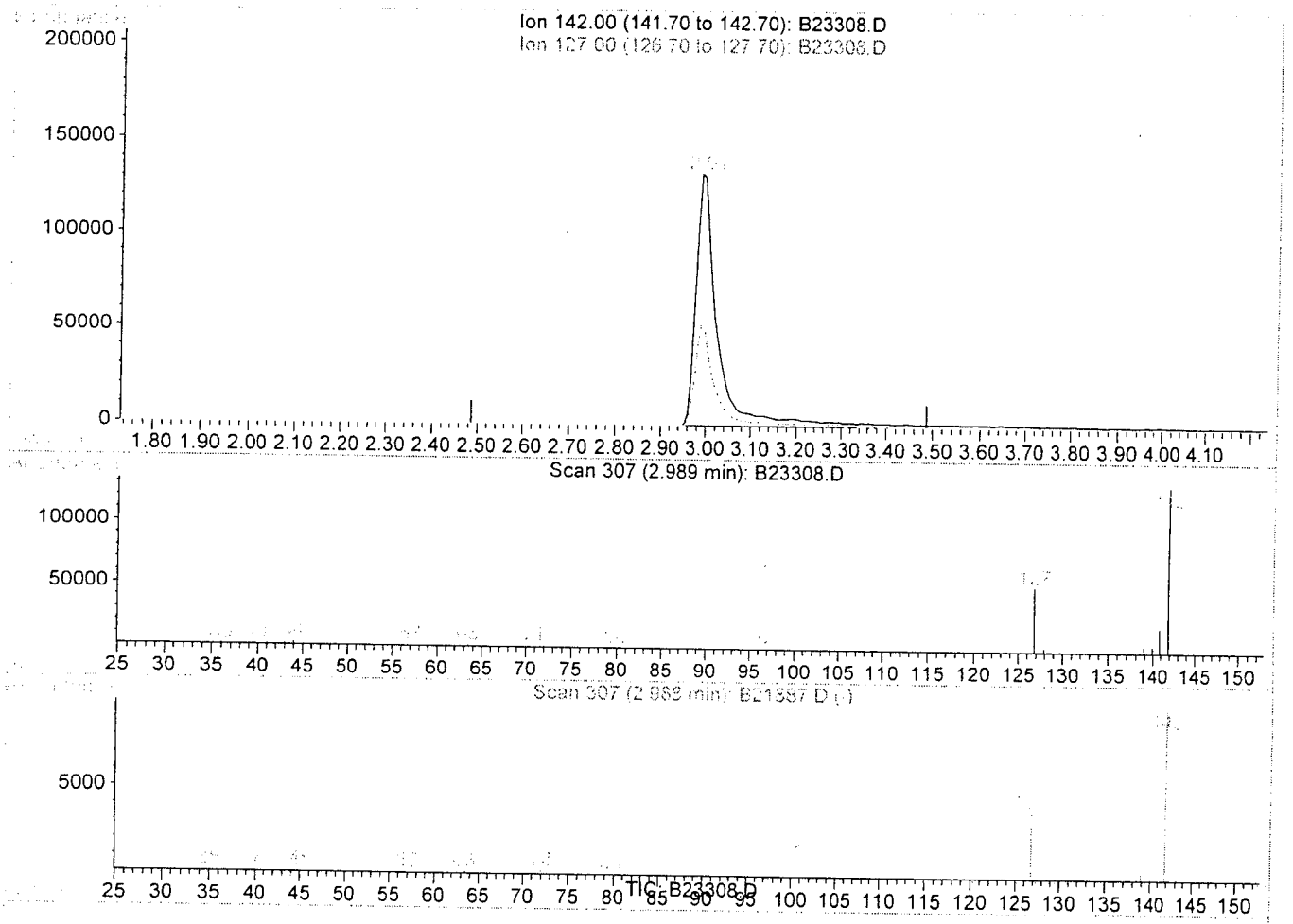
Ion	Exp%	Act%
94.00	100	100
96.00	5.50	76.26#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
Quant Time: May 1 11:35 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(12) Iodomethane (T)

2.99min 86.28ppb m

response 441317

Ion	Exp%	Act%
142.00	100	100
127.00	34.20	34.05
141.00	12.30	12.06
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:35 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.91	96	1331340	50.00	ppb		0.00
39) 1,4-Difluorobenzene	6.02	114	1018884	50.00	ppb		0.00
57) Chlorobenzene-d5	8.83	117	942036	50.00	ppb		-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	441440	50.00	ppb		-0.03
System Monitoring Compounds							
32) Dibromofluoromethane	5.26	111	289426	48.69	ppb		0.00
36) 1,2-Dichloroethane-d4	5.59	65	358297	43.11	ppb		0.00
58) Toluene-d8	7.44	98	1335741	50.36	ppb		-0.01
60) Ethylbenzene-d10	8.88	98	1743659	50.64	ppb		-0.03
70) 4-Bromofluorobenzene	9.97	95	518716	52.52	ppb		-0.03
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	368709	49.38	ppb		99
3) Chloromethane	1.57	50	563307	48.57	ppb		99
4) Vinyl Chloride	1.66	62	478256	49.17	ppb		99
5) Bromomethane	1.94	94	105362m	49.02	ppb		
6) Chloroethane	2.03	64	256941	48.09	ppb		100
7) Trichlorofluoromethane	2.28	101	474112	43.28	ppb	#	99
8) Diethyl Ether	2.59	74	327332	85.37	ppb		97
9) 1,1-Dichloroethene	2.82	96	304076	47.45	ppb		99
10) Acrolein	2.74	56	63848	98.69	ppb	#	99
11) Carbon Disulfide	3.05	76	2091367	98.12	ppb		100
12) Iodomethane	2.99	142	441317m	86.28	ppb		
13) Acetone	2.92	43	125611	90.25	ppb		100
14) Methylene Chloride	3.39	84	276925	42.66	ppb		96
15) trans-1,2-Dichloroethene	3.68	96	386379	51.63	ppb		100
16) Acrylonitrile	3.70	53	345669	179.27	ppb		99
17) Methyl-tert-butyl Ether	3.70	73	1481678	96.16	ppb		97
18) Allyl chloride	3.25	76	315133	96.86	ppb		79
19) 1,1-Dichloroethane	4.16	63	701526	52.58	ppb		99
20) Vinyl Acetate	4.23	43	554357	57.76	ppb		99
21) 2,2-Dichloropropane	4.75	77	448588	58.64	ppb		97
22) cis-1,2-Dichloroethene	4.77	96	370534	55.57	ppb		99
23) 2-Butanone	4.81	43	226228	91.33	ppb		99
24) Methyl Acrylate	4.90	55	436739	103.47	ppb		99
25) Bromochloromethane	5.01	130	124042	49.89	ppb		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:35 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	Propionitrile	4.89	54	68481	97.20 ppb		98
27)	Chloroform	5.10	83	609114	49.63 ppb		100
28)	Methacrylonitrile	5.03	67	207885	103.10 ppb		97
29)	1,1,1-Trichloroethane	5.26	97	539673	52.04 ppb		100
30)	Tetrahydrofuran	5.06	42	162914	100.06 ppb		97
31)	1-Chlorobutane	5.37	56	1620309	105.50 ppb		100
33)	2-Chloroethylvinyl ether	7.06	63	53088	392.25 ppb	#	87
34)	Carbon Tetrachloride	5.42	119	410348	54.82 ppb		98
35)	1,1-Dichloropropene	5.43	75	586094	52.25 ppb		97
37)	Benzene	5.64	78	1478639	54.00 ppb		100
38)	1,2-Dichloroethane	5.67	62	421624	45.63 ppb		98
40)	Trichloroethene	6.26	130	316729	53.70 ppb		97
41)	1,2-Dichloropropane	6.49	63	361174	55.30 ppb		99
42)	Dibromomethane	6.60	174	139724	49.91 ppb		99
43)	Bromodichloromethane	6.76	83	399587	53.68 ppb		97
44)	2-Nitropropane	7.00	41	90086	101.48 ppb		99
45)	cis-1,3-Dichloropropene	7.18	75	528110	51.88 ppb		98
46)	Methyl methacrylate	6.61	41	467677	98.04 ppb		98
47)	4-Methyl-2-Pentanone	7.34	58	189741	106.60 ppb		98
48)	Toluene	7.50	92	884880	52.39 ppb		100
49)	trans-1,3-Dichloropropene	7.72	75	421302	49.55 ppb		100
50)	1,1,2-Trichloroethane	7.90	97	223845	50.69 ppb		99
51)	Tetrachloroethene	8.02	164	259591	51.53 ppb		96
52)	Ethyl methacrylate	7.81	69	742316	105.01 ppb		98
53)	1,3-Dichloropropane	8.06	76	457800	50.32 ppb		99
54)	Dibromochloromethane	8.27	129	218846	48.88 ppb		99
55)	2-Hexanone	8.15	43	332581	104.55 ppb		99
56)	1,2-Dibromoethane	8.38	107	215944	50.93 ppb		99
59)	Chlorobenzene	8.86	112	830125	45.36 ppb		93
61)	1,1,1,2-Tetrachloroethane	8.93	131	245556	50.72 ppb		99
62)	Ethylbenzene	8.96	91	1720641	48.74 ppb		98
63)	Xylene (m+p)	9.07	91	2641119	98.18 ppb		97
64)	Styrene	9.47	104	943105	52.19 ppb		96
65)	Xylene (o)	9.46	91	1286601	49.85 ppb		96
66)	Bromoform	9.67	173	121192	46.19 ppb		100
67)	Isopropylbenzene	9.82	105	1533228	51.77 ppb		99
69)	1,4-Dichloro-2-Butene	10.18	53	172175	107.06 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:35 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Bromobenzene	10.12	77	611382	50.23 ppb	97
72)	1,2,3-Trichloropropane	10.18	75	395731	52.71 ppb	100
73)	1,1,2,2-Tetrachloroethane	10.12	83	292796	50.49 ppb	99
74)	n-Propylbenzene	10.22	91	2068676	52.83 ppb	99
75)	2-Chlorotoluene	10.31	126	307826	51.36 ppb	95
76)	4-Chlorotoluene	10.42	126	317286	50.99 ppb	93
77)	1,3,5-Trimethylbenzene	10.40	105	1267266	51.60 ppb	98
78)	tert-Butylbenzene	10.72	119	1047721	51.25 ppb	98
79)	sec-Butylbenzene	10.93	134	315399	52.97 ppb	95
80)	1,2,4-Trimethylbenzene	10.77	105	1240916	50.90 ppb	96
81)	1,3-Dichlorobenzene	11.05	146	580672	50.01 ppb	99
82)	1,4-Dichlorobenzene	11.14	146	573474	47.88 ppb	99
83)	Isopropyltoluene	11.08	119	1300906	52.02 ppb	99
84)	1,2-Dichlorobenzene	11.52	146	509771	48.12 ppb	99
85)	n-Butylbenzene	11.49	91	1445924	54.57 ppb	100
86)	Hexachloroethane	11.76	201	279990	100.07 ppb	99
87)	1,2-Dibromo-3-chloropropan	12.30	75	48839	44.98 ppb	98
88)	Nitrobenzene	12.51	77	12894	109.28 ppb	99
89)	1,2,4-Trichlorobenzene	13.12	180	352528	52.24 ppb	98
90)	Naphthalene	13.37	128	730884	49.05 ppb	98
91)	Hexachlorobutadiene	13.28	190	108075	48.36 ppb	95
92)	1,2,3-Trichlorobenzene	13.61	180	318639	49.57 ppb	98

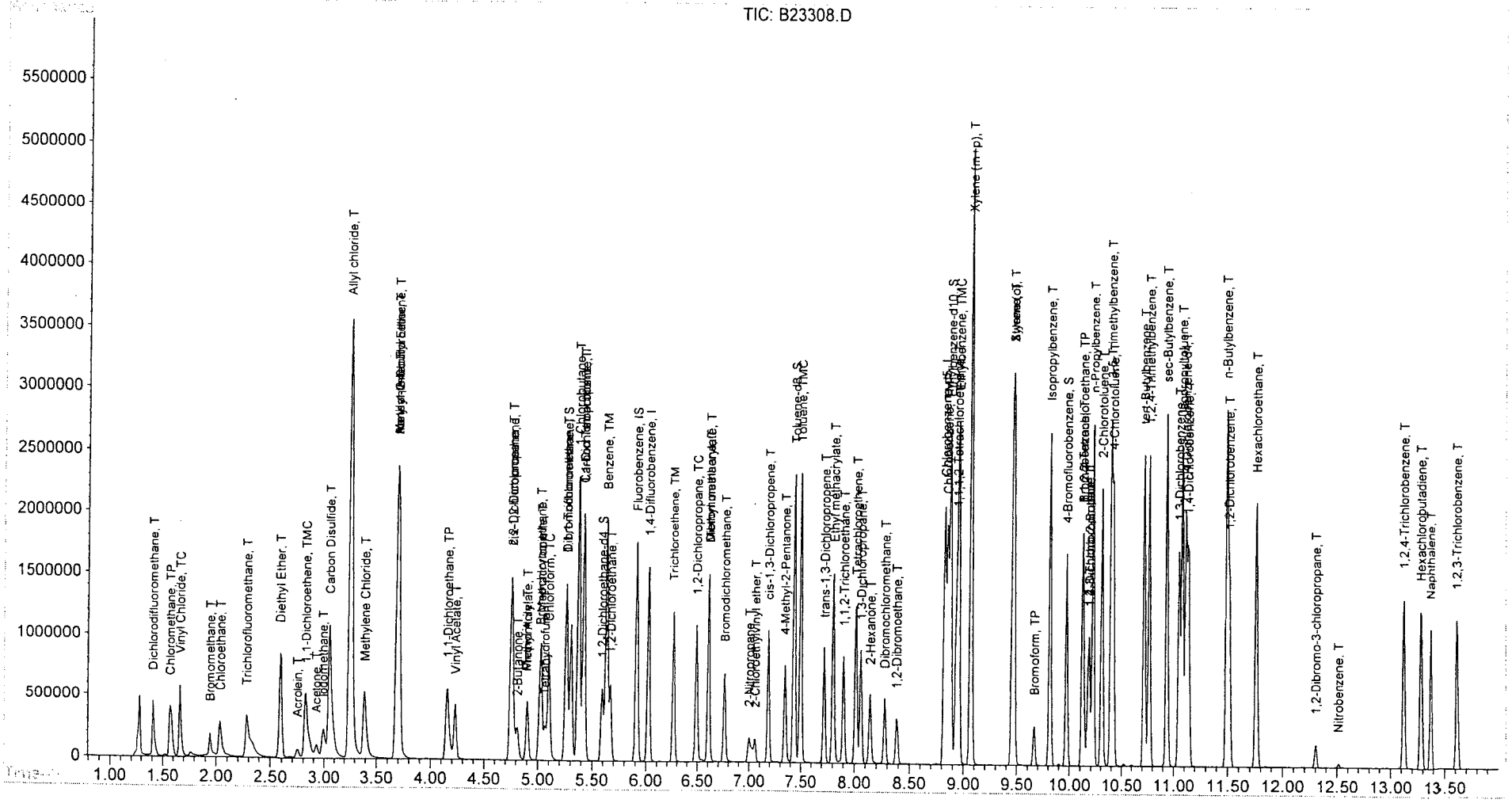
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p
Quant Time: May 1 11:35 19106

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\HPDATA\050106\B23308.D Vial: 8
Acq On : 1 May 2006 10:57 Operator: VOA2
Sample : VSTD4-50/100PPB Inst : GC/MS Ins
Misc : ISSS+VOC+AA Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	49.379	1.2	105	0.00
3	TP	Chloromethane	50.000	48.575	2.8	114	-0.01
4	TC	Vinyl Chloride	50.000	49.167	1.7	105	0.00
5	T	Bromomethane	50.000	49.018	2.0	95	0.00
6	T	Chloroethane	50.000	48.088	3.8	105	0.00
7	T	Trichlorofluoromethane	50.000	43.279	13.4	93	0.00
8	T	Diethyl Ether	100.000	85.373	14.6	90	0.00
9	TMC	1,1-Dichloroethene	50.000	47.455	5.1	100	0.00
0	T	Acrolein	100.000	98.687	1.3	102	0.00
11	T	Carbon Disulfide	100.000	98.121	1.9	102	0.00
12	T	Iodomethane	100.000	86.282	13.7	90	0.00 ✓
3	T	Acetone	100.000	90.253	9.7	88	0.00 ✓
14	T	Methylene Chloride	50.000	42.659	14.7	91	0.00 ✓
15	T	trans-1,2-Dichloroethene	50.000	51.629	-3.3	109	0.00
6	T	Acrylonitrile	200.000	179.272	10.4	92	0.00
17	T	Methyl-tert-butyl Ether	100.000	96.163	3.8	97	0.00
18	T	Allyl chloride	100.000	96.864	3.1	102	0.00
9	TP	1,1-Dichloroethane	50.000	52.577	-5.2	111	0.00
20	T	Vinyl Acetate	50.000	57.761	-15.5	113	0.00
21	T	2,2-Dichloropropane	50.000	58.643	-17.3	118	0.00
2	T	cis-1,2-Dichloroethene	50.000	55.566	-11.1	113	0.00
23	T	2-Butanone	100.000	91.332	8.7	100	0.00
24	T	Methyl Acrylate	100.000	103.465	-3.5	101	0.00
5	T	Bromochloromethane	50.000	49.886	0.2	111	0.00
6	T	Propionitrile	100.000	97.200	2.8	94	0.00
27	TC	Chloroform	50.000	49.630	0.7	104	0.00
8	T	Methacrylonitrile	100.000	103.101	-3.1	100	0.00
9	T	1,1,1-Trichloroethane	50.000	52.042	-4.1	107	0.00
30	T	Tetrahydrofuran	100.000	100.056	-0.1	99	0.00 ✓
1	T	1-Chlorobutane	100.000	105.501	-5.5	110	0.00
2	S	Dibromofluoromethane	100.000	48.686	51.3#	52	0.00
33	T	2-Chloroethylvinyl ether	50.000	392.246	-684.5#	1769	-0.01 ↑
4	T	Carbon Tetrachloride	50.000	54.818	-9.6	109	0.00
5	T	1,1-Dichloropropene	50.000	52.249	-4.5	109	0.00
36	S	1,2-Dichloroethane-d4	100.000	43.115	56.9#	47	0.00
37	TM	Benzene	50.000	53.995	-8.0	114	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
38	T	1,2-Dichloroethane	50.000	45.625	8.8	95	0.00
39	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
0	TM	Trichloroethene	50.000	53.701	-7.4	114	-0.01
1	TC	1,2-Dichloropropane	50.000	55.298	-10.6	117	-0.01
42	T	Dibromomethane	50.000	49.909	0.2	103	-0.01
3	T	Bromodichloromethane	50.000	53.682	-7.4	108	0.00 ✓
4	T	2-Nitropropane	100.000	101.485	-1.5	119	-0.01 ✓
45	T	cis-1,3-Dichloropropene	50.000	51.881	-3.8	113	-0.01
6	T	Methyl methacrylate	100.000	98.044	2.0	94	0.00
7	T	4-Methyl-2-Pentanone	100.000	106.604	-6.6	100	-0.02
48	TMC	Toluene	50.000	52.395	-4.8	111	-0.01
49	T	trans-1,3-Dichloropropene	50.000	49.546	0.9	111	-0.02 ✓
0	T	1,1,2-Trichloroethane	50.000	50.695	-1.4	105	-0.01
51	T	Tetrachloroethene	50.000	51.526	-3.1	111	-0.01
52	T	Ethyl methacrylate	100.000	105.011	-5.0	110	-0.01 ✓
3	T	1,3-Dichloropropane	50.000	50.317	-0.6	102	-0.02
54	T	Dibromochloromethane	50.000	48.881	2.2	107	-0.02 ✓
55	T	2-Hexanone	100.000	104.547	-4.5	100	-0.02
6	T	1,2-Dibromoethane	50.000	50.931	-1.9	103	-0.02
57	I	Chlorobenzene-d5	50.000	50.000	0.0	110	-0.02
8	S	Toluene-d8	100.000	50.356	49.6#	57	-0.01
9	TMP	Chlorobenzene	50.000	45.365	9.3	108	-0.02
60	S	Ethylbenzene-d10	100.000	50.642	49.4#	58	-0.03
1	T	1,1,1,2-Tetrachloroethane	50.000	50.723	-1.4	105	-0.02
2	TMC	Ethylbenzene	50.000	48.738	2.5	108	-0.02
63	T	Xylene (m+p)	100.000	98.176	1.8	108	-0.02
4	T	Styrene	50.000	52.190	-4.4	109	-0.03
5	T	Xylene (o)	50.000	49.846	0.3	106	-0.03
66	TP	Bromoform	50.000	46.188	7.6	109	-0.03 ✓
67	T	Isopropylbenzene	50.000	51.774	-3.5	109	-0.03
68	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	-0.03
69	T	1,4-Dichloro-2-Butene	100.000	107.064	-7.1	105	-0.03
0	S	4-Bromofluorobenzene	100.000	52.523	47.5#	57	-0.03
71	T	Bromobenzene	50.000	50.228	-0.5	108	-0.03
72	T	1,2,3-Trichloropropane	50.000	52.705	-5.4	105	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	50.000	50.488	-1.0	104	-0.03
74	T	n-Propylbenzene	50.000	52.833	-5.7	110	-0.03
75	T	2-Chlorotoluene	50.000	51.361	-2.7	108	-0.03
76	T	4-Chlorotoluene	50.000	50.989	-2.0	108	-0.03
77	T	1,3,5-Trimethylbenzene	50.000	51.598	-3.2	106	-0.03
78	T	tert-Butylbenzene	50.000	51.253	-2.5	103	-0.03
79	T	sec-Butylbenzene	50.000	52.966	-5.9	107	-0.03
80	T	1,2,4-Trimethylbenzene	50.000	50.902	-1.8	104	-0.03
81	T	1,3-Dichlorobenzene	50.000	50.009	-0.0	106	-0.03
82	T	1,4-Dichlorobenzene	50.000	47.879	4.2	105	-0.03
83	T	Isopropyltoluene	50.000	52.022	-4.0	106	-0.03
84	T	1,2-Dichlorobenzene	50.000	48.116	3.8	102	-0.03
85	T	n-Butylbenzene	50.000	54.571	-9.1	112	-0.04
86	T	Hexachloroethane	100.000	100.071	-0.1	116	-0.03
87	T	1,2-Dibromo-3-chloropropane	50.000	44.983	10.0	93	-0.04
88	T	Nitrobenzene	100.000	109.277	-9.3	110	-0.04
89	T	1,2,4-Trichlorobenzene	50.000	52.245	-4.5	107	-0.04
90	T	Naphthalene	50.000	49.053	1.9	101	-0.04
91	T	Hexachlorobutadiene	50.000	48.357	3.3	99	-0.05
92	T	1,2,3-Trichlorobenzene	50.000	49.568	0.9	104	-0.05

5/11/06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IS	Fluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.280	0.277#	1.1	105	0.00
3	TP	Chloromethane	0.436	0.423	3.0	114	-0.01
4	TC	Vinyl Chloride	0.365	0.359	1.6	105	0.00
5	T	Bromomethane	0.081	0.079#	2.5	95	0.00
6	T	Chloroethane	0.201	0.193#	4.0	105	0.00
7	T	Trichlorofluoromethane	0.411	0.356	13.4	93	0.00
8	T	Diethyl Ether	0.144	0.123#	14.6	90	0.00
9	TMC	1,1-Dichloroethene	0.241	0.228#	5.4	100	0.00
0	T	Acrolein	0.024	0.024#	0.0	102	0.00
11	T	Carbon Disulfide	0.800	0.785	1.9	102	0.00
12	T	Iodomethane	0.195	0.166#	14.9	90	0.00
3	T	Acetone	0.068	0.047#	30.9#	88	0.00
14	T	Methylene Chloride	0.303	0.208#	31.4#	91	0.00
15	T	trans-1,2-Dichloroethene	0.281	0.290#	-3.2	109	0.00
6	T	Acrylonitrile	0.072	0.065#	9.7	92	0.00
17	T	Methyl-tert-butyl Ether	0.579	0.556	4.0	97	0.00
18	T	Allyl chloride	0.122	0.118#	3.3	102	0.00
9	TP	1,1-Dichloroethane	0.501	0.527	-5.2	111	0.00
0	T	Vinyl Acetate	0.360	0.416	-15.6	113	0.00
21	T	2,2-Dichloropropane	0.287	0.337	-17.4	118	0.00
2	T	cis-1,2-Dichloroethene	0.250	0.278#	-11.2	113	0.00
3	T	2-Butanone	0.093	0.085#	8.6	100	0.00
24	T	Methyl Acrylate	0.159	0.164#	-3.1	101	0.00
25	T	Bromochloromethane	0.093	0.093#	0.0	111	0.00
6	T	Propionitrile	0.026	0.026#	0.0	94	0.00
27	TC	Chloroform	0.461	0.458	0.7	104	0.00
28	T	Methacrylonitrile	0.076	0.078#	-2.6	100	0.00
9	T	1,1,1-Trichloroethane	0.389	0.405	-4.1	107	0.00
30	T	Tetrahydrofuran	0.069	0.061#	11.6	99	0.00
31	T	1-Chlorobutane	0.577	0.609	-5.5	110	0.00
2	S	Dibromofluoromethane	0.223	0.109#	51.1#	52	0.00
33	T	2-Chloroethylvinyl ether	0.002	0.040#	-1900.0#	1769#	-0.01
34	T	Carbon Tetrachloride	0.281	0.308	-9.6	109	0.00
5	T	1,1-Dichloropropene	0.421	0.440	-4.5	109	0.00
36	S	1,2-Dichloroethane-d4	0.312	0.135#	56.7#	47#	0.00
37	TM	Benzene	1.028	1.111	-8.1	114	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
38	T	1,2-Dichloroethane	0.347	0.317	8.6	95	0.00
39	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
0	TM	Trichloroethene	0.289	0.311	-7.6	114	-0.01
1	TC	1,2-Dichloropropane	0.321	0.354	-10.3	117	-0.01
42	T	Dibromomethane	0.137	0.137#	0.0	103	-0.01
3	T	Bromodichloromethane	0.365	0.392	-7.4	108	0.00
4	T	2-Nitropropane	0.037	0.044#	-18.9	119	-0.01 L
45	T	cis-1,3-Dichloropropene	0.432	0.518	-19.9	113	-0.01 L
6	T	Methyl methacrylate	0.234	0.230#	1.7	94	0.00
7	T	4-Methyl-2-Pentanone	0.087	0.093#	-6.9	100	-0.02
48	TMC	Toluene	0.829	0.868	-4.7	111	-0.01
49	T	trans-1,3-Dichloropropene	0.356	0.413	-16.0	111	-0.02 L
0	T	1,1,2-Trichloroethane	0.217	0.220#	-1.4	105	-0.01
51	T	Tetrachloroethene	0.247	0.255#	-3.2	111	-0.01
52	T	Ethyl methacrylate	0.313	0.364	-16.3	110	-0.01 L
3	T	1,3-Dichloropropane	0.446	0.449	-0.7	102	-0.02
54	T	Dibromochloromethane	0.191	0.215#	-12.6	107	-0.02 L
55	T	2-Hexanone	0.156	0.163#	-4.5	100	-0.02
6	T	1,2-Dibromoethane	0.208	0.212#	-1.9	103	-0.02
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	-0.02
8	S	Toluene-d8	1.408	0.709	S 49.6#	57	-0.01
9	TMP	Chlorobenzene	0.971	0.881	9.3	108	-0.02
60	S	Ethylbenzene-d10	1.827	0.925	S 49.4#	58	-0.03
1	T	1,1,1,2-Tetrachloroethane	0.257	0.261#	-1.6	105	-0.02
2	TMC	Ethylbenzene	1.874	1.827	2.5	108	-0.02
63	T	Xylene (m+p)	1.428	1.402	1.8	108	-0.02
4	T	Styrene	0.959	1.001	-4.4	109	-0.03
5	T	Xylene (o)	1.370	1.366	0.3	106	-0.03
66	TP	Bromoform	0.117	0.129	-10.3	109	-0.03 L
7	T	Isopropylbenzene	1.572	1.628	-3.6	109	-0.03
68	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	-0.03
69	T	1,4-Dichloro-2-Butene	0.182	0.195#	-7.1	105	-0.03
0	S	4-Bromofluorobenzene	1.119	0.588	S 47.5#	57	-0.03
1	T	Bromobenzene	1.379	1.385	-0.4	108	-0.03
72	T	1,2,3-Trichloropropane	0.850	0.896	-5.4	105	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPDATA\050106\B23308.D
Acq On : 1 May 2006 10:57
Sample : VSTD4-50/100PPB
Misc : ISSS+VOC+AA
MS Integration Params: rteint.p

Vial: 8
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration

Min. RRF : 0.300 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
73	TP	1,1,2,2-Tetrachloroethane	0.657	0.663	-0.9	104	-0.03
74	T	n-Propylbenzene	4.435	4.686	-5.7	110	-0.03
5	T	2-Chlorotoluene	0.679	0.697	-2.7	108	-0.03
6	T	4-Chlorotoluene	0.705	0.719	-2.0	108	-0.03
77	T	1,3,5-Trimethylbenzene	2.782	2.871	-3.2	106	-0.03
8	T	tert-Butylbenzene	2.315	2.373	-2.5	103	-0.03
9	T	sec-Butylbenzene	0.674	0.714	-5.9	107	-0.03
80	T	1,2,4-Trimethylbenzene	2.761	2.811	-1.8	104	-0.03
1	T	1,3-Dichlorobenzene	1.315	1.315	0.0	106	-0.03
2	T	1,4-Dichlorobenzene	1.357	1.299	4.3	105	-0.03
83	T	Isopropyltoluene	2.832	2.947	-4.1	106	-0.03
84	T	1,2-Dichlorobenzene	1.200	1.155	3.7	102	-0.03
5	T	n-Butylbenzene	3.001	3.275	-9.1	112	-0.04
86	T	Hexachloroethane	0.262	0.317	-21.0#	116	-0.03 L
87	T	1,2-Dibromo-3-chloropropane	0.108	0.111#	-2.8	93	-0.04 L
8	T	Nitrobenzene	0.014	0.015#	-7.1	110	-0.04 L
89	T	1,2,4-Trichlorobenzene	0.764	0.799	-4.6	107	-0.04
90	T	Naphthalene	1.546	1.656	-7.1	101	-0.04 L
1	T	Hexachlorobutadiene	0.253	0.245#	3.2	99	-0.05
92	T	1,2,3-Trichlorobenzene	0.728	0.722	0.8	104	-0.05

KW 5/1/06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: May 1 12:34 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.92	96	1256415	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	967883	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	861489	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	389298	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	271983	48.48 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	347290	44.28 ppb	0.00
58) Toluene-d8	7.44	98	1223991	50.46 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1596752	50.71 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	465630	53.46 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.57	50	351	N.D.	
4) Vinyl Chloride	1.66	62	1947	0.21 ppb EMDL	98
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	1.66	64	599	~~0.12~~ ppb #	42
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	1623	~~0.08~~ ppb #	76
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.93	43	3101	-6.10 ppb #	67
14) Methylene Chloride	3.39	84	807	-3.26 ppb #	68
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	1623	~~0.53~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	838	~~0.36~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: May 1 12:34 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	0.00	54	0	N.D.	
27) Chloroform	0.00	83	0	N.D.	
28) Methacrylonitrile	5.31	67	1807	~~0.95~~ ppb #	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
30) Tetrahydrofuran	5.07	42	6373	0.80 ppb BMDL	94
31) 1-Chlorobutane	5.31	56	13028	~~0.90~~ ppb #	69
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.	
34) Carbon Tetrachloride	0.00	119	0	N.D.	
35) 1,1-Dichloropropene	5.31	75	52978	~~5.00~~ ppb #	62
37) Benzene	5.64	78	1668	~~0.06~~ ppb #	1
38) 1,2-Dichloroethane	5.31	62	2577	~~0.30~~ ppb #	1
40) Trichloroethene	0.00	130	0	N.D.	
41) 1,2-Dichloropropane	0.00	63	0	N.D.	
42) Dibromomethane	0.00	174	0	N.D.	
43) Bromodichloromethane	0.00	83	0	N.D.	
44) 2-Nitropropane	0.00	41	0	N.D.	
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
46) Methyl methacrylate	0.00	41	0	N.D.	
47) 4-Methyl-2-Pentanone	7.43	58	11089	~~6.56~~ ppb #	1
48) Toluene	7.49	92	2816	0.18 ppb BMDL	89
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
50) 1,1,2-Trichloroethane	7.44	97	26392	~~6.29~~ ppb #	14
51) Tetrachloroethene	0.00	164	0	N.D.	
52) Ethyl methacrylate	7.44	69	3777	~~3.27~~ ppb #	80
53) 1,3-Dichloropropane	0.00	76	0	N.D.	
54) Dibromochloromethane	0.00	129	0	N.D.	
55) 2-Hexanone	0.00	43	0	N.D.	
56) 1,2-Dibromoethane	0.00	107	0	N.D.	
59) Chlorobenzene	8.88	112	11624	~~0.69~~ ppb #	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
62) Ethylbenzene	8.96	91	1006	N.D.	
63) Xylene (m+p)	9.07	91	5173	0.21 ppb BMDL	99
64) Styrene	0.00	104	0	N.D.	
65) Xylene (o)	9.46	91	602	N.D.	
66) Bromoform	0.00	173	0	N.D.	
67) Isopropylbenzene	9.97	105	231	N.D.	
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: May 1 12:34 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71)	Bromobenzene	9.97	77	2723	~~0.25 ppb~~	#	27
72)	1,2,3-Trichloropropane	0.00	75	0	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74)	n-Propylbenzene	10.23	91	186	N.D.		
75)	2-Chlorotoluene	0.00	126	0	N.D.		
76)	4-Chlorotoluene	0.00	126	0	N.D.		
77)	1,3,5-Trimethylbenzene	10.31	105	176	N.D.		
78)	tert-Butylbenzene	0.00	119	0	N.D.		
79)	sec-Butylbenzene	11.11	134	339	0.06 ppb	#	1
80)	1,2,4-Trimethylbenzene	10.77	105	542	N.D.		
81)	1,3-Dichlorobenzene	11.06	146	356	N.D.		
82)	1,4-Dichlorobenzene	11.14	146	640	0.06 ppb	#	1
83)	Isopropyltoluene	0.00	119	0	N.D.		
84)	1,2-Dichlorobenzene	11.52	146	241	N.D.		
85)	n-Butylbenzene	11.49	91	160	N.D.		
86)	Hexachloroethane	0.00	201	0	N.D.		
87)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88)	Nitrobenzene	0.00	77	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.12	180	609	~~0.10~~ ppb	#	31
90)	Naphthalene	13.37	128	2356	~~1.34 ppb~~	#	71
91)	Hexachlorobutadiene	0.00	190	0	N.D.		
92)	1,2,3-Trichlorobenzene	13.62	180	154	N.D.		

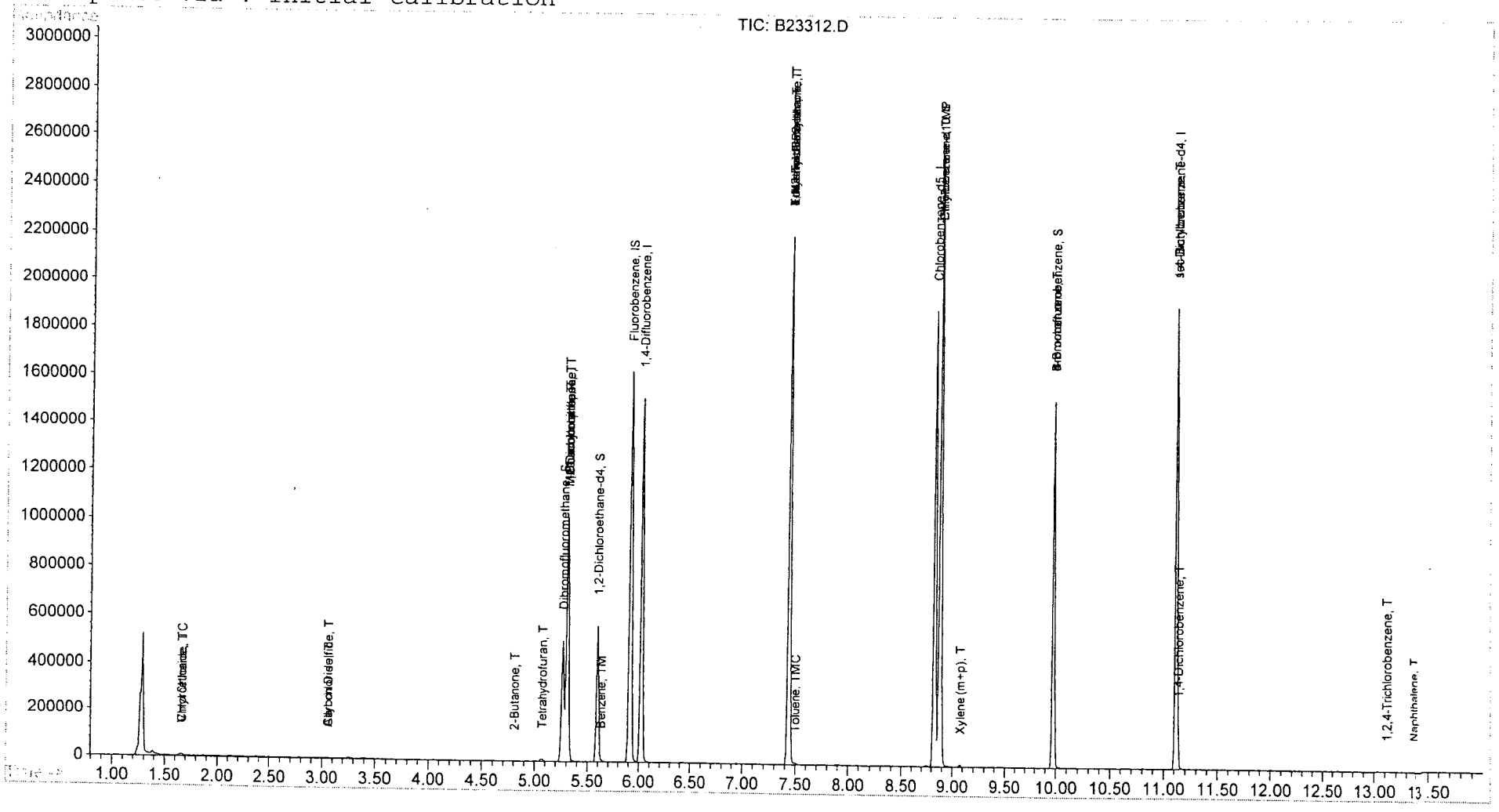
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: May 1 12:34 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:02 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: EXTRA2.RES

Quant Method : C:\HPCHEM\1\METHODS\EXTRA2.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Apr 05 16:51:40 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.92	96	1256415	50.00 ppb	0.00
28) 1,4-difluorobenzene	6.02	114	967883	50.00 ppb	0.00
40) Chlorobenzene-d5	8.83	117	861489	50.00 ppb	-0.02
50) 1,4-Dichlorobenzene-d4	11.11	152	389298	50.00 ppb	-0.04
System Monitoring Compounds					
23) Dibromofluoromethane	5.26	111	271983	48.53 ppb	0.00
24) 1,2-Dichloroethane-d4	5.59	65	347290	44.94 ppb	0.00
36) Toluene-d8	7.44	98	1223991	50.07 ppb	-0.01
45) 4-Bromofluorobenzene	9.97	95	465630	48.54 ppb	-0.03
Target Compounds					Qvalue
3) Ethylene Oxide	1.78	43	180	10.38 ppb #	35
4) Methyl Formate	2.00	60	739	0.64 ppb #	92
8) Ethanol	2.54	45	154	-12.81 ppb #	34
9) Propylene Oxide	2.93	58	413	-50.00 ppb #	64
11) Isopropanol	3.10	45	151	0.45 ppb #	59
12) Acetonitrile	3.25	41	4407	3.91 ppb N #	68
21) Ethyl Acetate	4.81	43	838	0.20 ppb #	67
22) Cyclohexane	5.31	55	11836	-0.34 ppb #	1
29) Butanol	6.02	56	20490	199.60 ppb #	9
30) Methylcyclohexane	6.02	83	12040	0.95 ppb #	35
31) Ethyl Acrylate	6.02	55	3050	2.36 ppb #	1
34) Epichlorohydrin	7.44	57	916	58.20 ppb #	1
35) Dimethyldisulfide	7.44	94	34365	4.61 ppb #	28
37) Octane	7.43	43	5825	0.39 ppb #	44
38) Isobutyl Acetate	7.43	43	5825	2.51 ppb #	1
41) Nonane	8.88	43	3985	0.29 ppb #	1
42) Amyl Acetate	9.97	70	3285	4.58 ppb #	1
43) alpha-Pinene	9.97	93	18826	3.91 ppb #	69
44) Cyclohexanone	9.97	55	676	5.31 ppb #	1
51) Benzyl Chloride	11.12	91	1262	4.45 ppb #	1

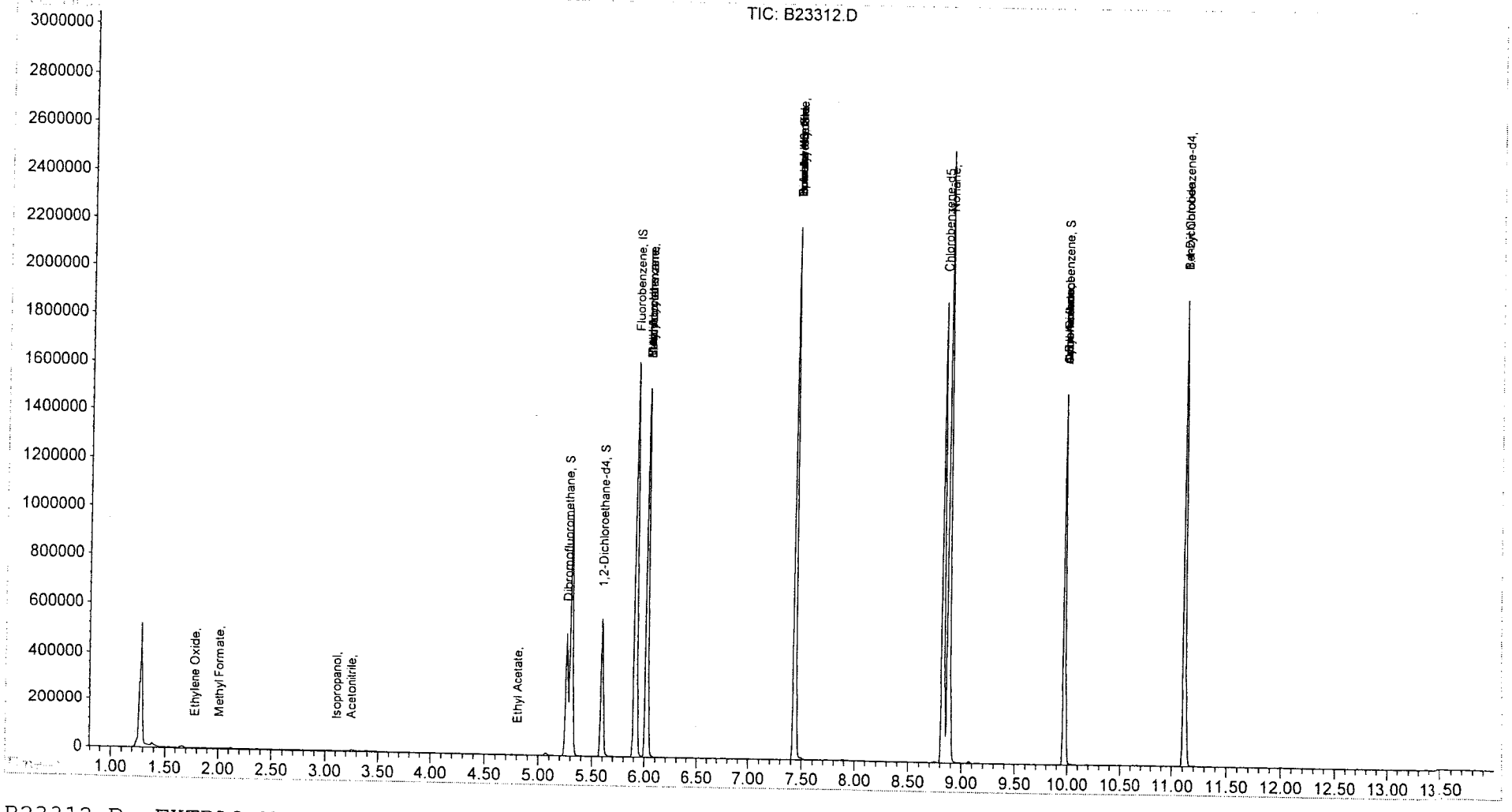
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:02 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: EXTRA2.RES

Method : C:\HPCHEM\1\METHODS\EXTRA2.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Apr 05 16:51:40 2006
Response via : Initial Calibration

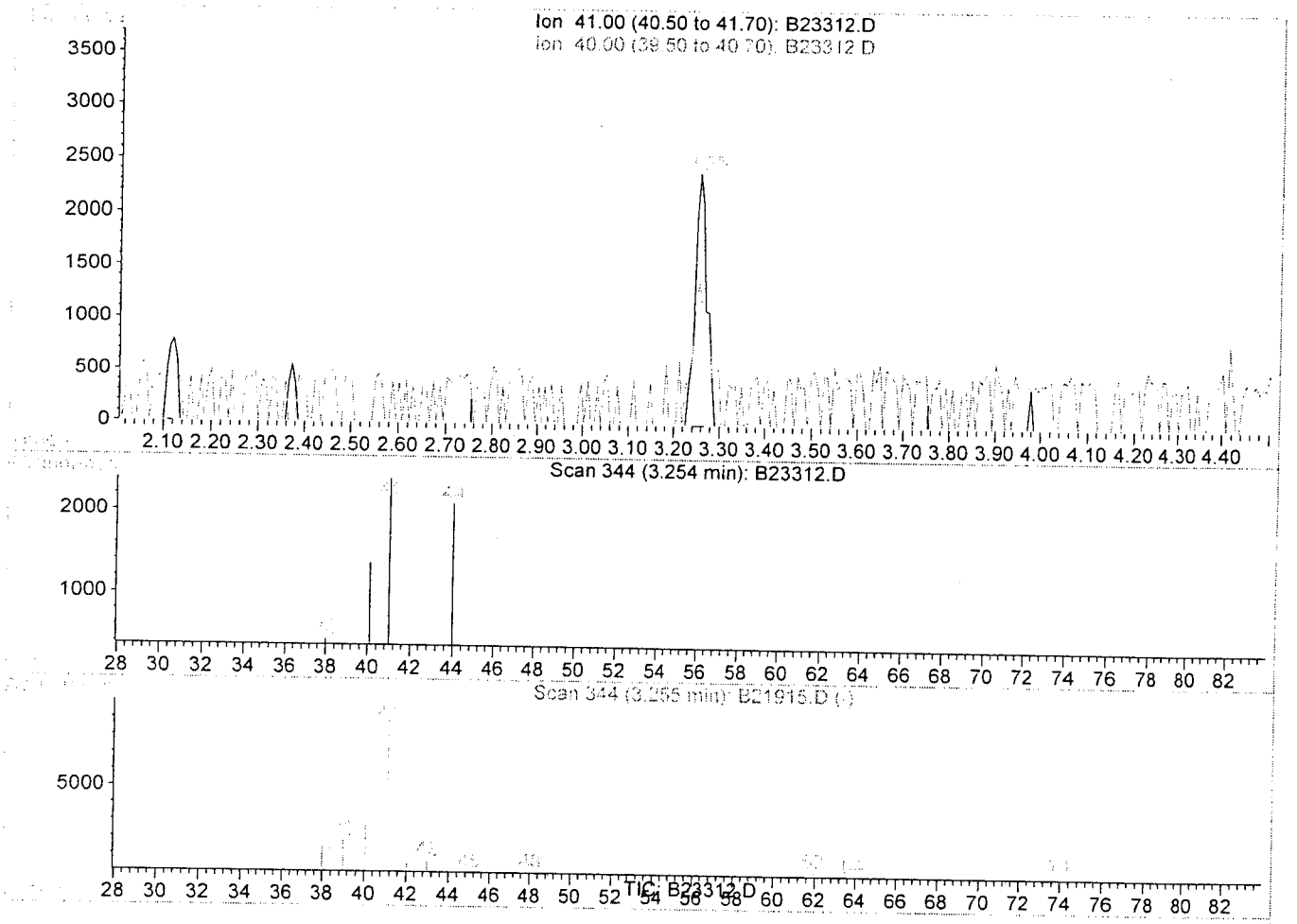


Quantitation Report

Data File : D:\HPDATA\050106\B23312.D
Acq On : 1 May 2006 12:20
Sample : VBLK2-05-01-06
Misc : ISSS
Quant Time: May 1 13:02 19106

Vial: 12
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\EXTRA2.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Apr 05 16:51:40 2006
Response via : Multiple Level Calibration



(12) Acetonitrile

3.25min 3.91ppb

response 4407

Ion	Exp%	Act%
41.00	100	100
40.00	56.30	84.43#
39.00	19.20	12.89#
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23314.D
Acq On : 1 May 2006 13:01
Sample : 227779-1 JJ&G 4.379G
Misc : 128398 ISSS 138
MS Integration Params: rteint.p
Quant Time: May 1 13:15 19106

Vial: 14
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/4.379/0.862) = 1.3244091 ✓

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.92	96	1295306	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	991914	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	843542	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	318759	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	286396	49.52 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	357723	44.24 ppb	0.00
58) Toluene-d8	7.44	98	1268462	53.40 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1617679	52.47 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	423305	59.36 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.34	50	661	~~0.06~~ ppb #	43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.05	76	528	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	3143	-6.15 ppb #	79
14) Methylene Chloride	3.39	84	1232	-3.19 ppb	83
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.05	76	528	~~0.17~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.82	43	546	~~0.23~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23314.D
Acq On : 1 May 2006 13:01
Sample : 227779-1 JJ&G 4.379G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:15 19106

Vial: 14
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	0.00	54	0	N.D.	
27) Chloroform	0.00	83	0	N.D.	
28) Methacrylonitrile	5.31	67	1770	~~0.90~~ ppb #	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
30) Tetrahydrofuran	5.07	42	3010	-1.53 ppb	94
31) 1-Chlorobutane	5.31	56	12761	~~0.85~~ ppb #	53
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.	
34) Carbon Tetrachloride	0.00	119	0	N.D.	
35) 1,1-Dichloropropene	5.31	75	54505	~~4.99~~ ppb #	61
37) Benzene	5.64	78	175	N.D.	
38) 1,2-Dichloroethane	5.31	62	2378	~~0.26~~ ppb #	1
40) Trichloroethene	0.00	130	0	N.D.	
41) 1,2-Dichloropropane	0.00	63	0	N.D.	
42) Dibromomethane	0.00	174	0	N.D.	
43) Bromodichloromethane	0.00	83	0	N.D.	
44) 2-Nitropropane	0.00	41	0	N.D.	
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
46) Methyl methacrylate	0.00	41	0	N.D.	
47) 4-Methyl-2-Pentanone	7.44	58	11924	~~6.88~~ ppb #	1
48) Toluene	7.49	92	1366	0.08 ppb BMOL	85
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
50) 1,1,2-Trichloroethane	7.44	97	28259	~~6.57~~ ppb #	14
51) Tetrachloroethene	0.00	164	0	N.D.	
52) Ethyl methacrylate	7.44	69	3396	~~3.20~~ ppb #	56
53) 1,3-Dichloropropane	0.00	76	0	N.D.	
54) Dibromochloromethane	0.00	129	0	N.D.	
55) 2-Hexanone	0.00	43	0	N.D.	
56) 1,2-Dibromoethane	0.00	107	0	N.D.	
59) Chlorobenzene	8.88	112	10791	~~0.66~~ ppb #	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
62) Ethylbenzene	9.07	91	2277	~~0.07~~ ppb	98
63) Xylene (m+p)	9.07	91	2277	0.09 ppb #	74
64) Styrene	0.00	104	0	N.D. BMOL	
65) Xylene (o)	9.46	91	190	N.D.	
66) Bromoform	0.00	173	0	N.D.	
67) Isopropylbenzene	9.97	105	160	N.D.	
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23314.D
Acq On : 1 May 2006 13:01
Sample : 227779-1 JJ&G 4.379G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:15 19106

Vial: 14
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2298	~~0.26~~ ppb #	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	10.42	91	196	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.97	105	160	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	10.76	105	154	N.D.	
81) 1,3-Dichlorobenzene	11.06	146	156	N.D.	
82) 1,4-Dichlorobenzene	11.14	146	209	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	11.52	146	209	N.D.	
85) n-Butylbenzene	11.11	91	1071	~~0.06~~ ppb #	54
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	13.13	180	177	N.D.	
90) Naphthalene	13.37	128	7339	1.83 ppb #	94
91) Hexachlorobutadiene	0.00	190	0	N.D. 2.42 J2	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

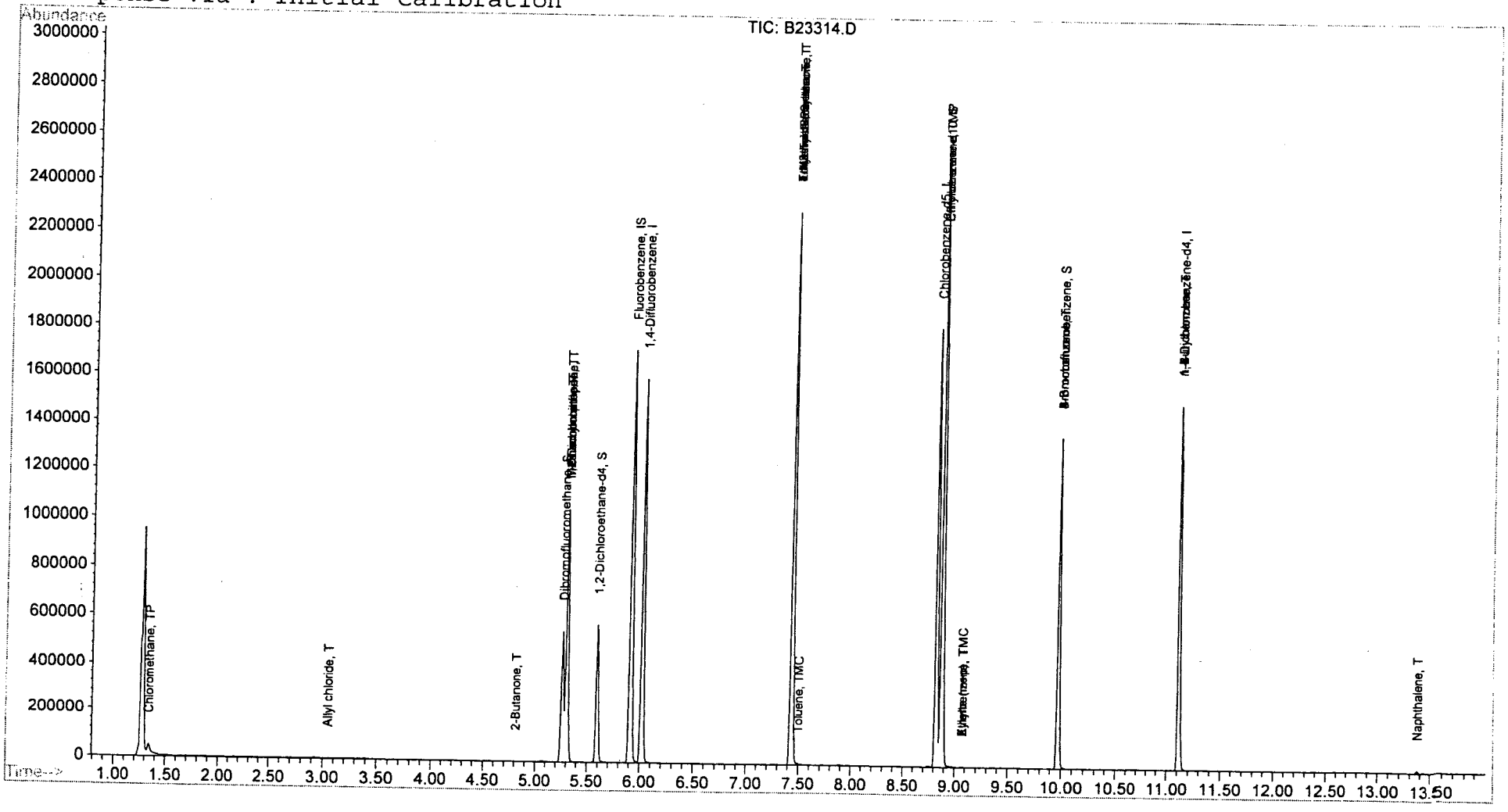
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23314.D
Acq On : 1 May 2006 13:01
Sample : 227779-1 JJ&G 4.379G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:15 19106

Vial: 14
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration

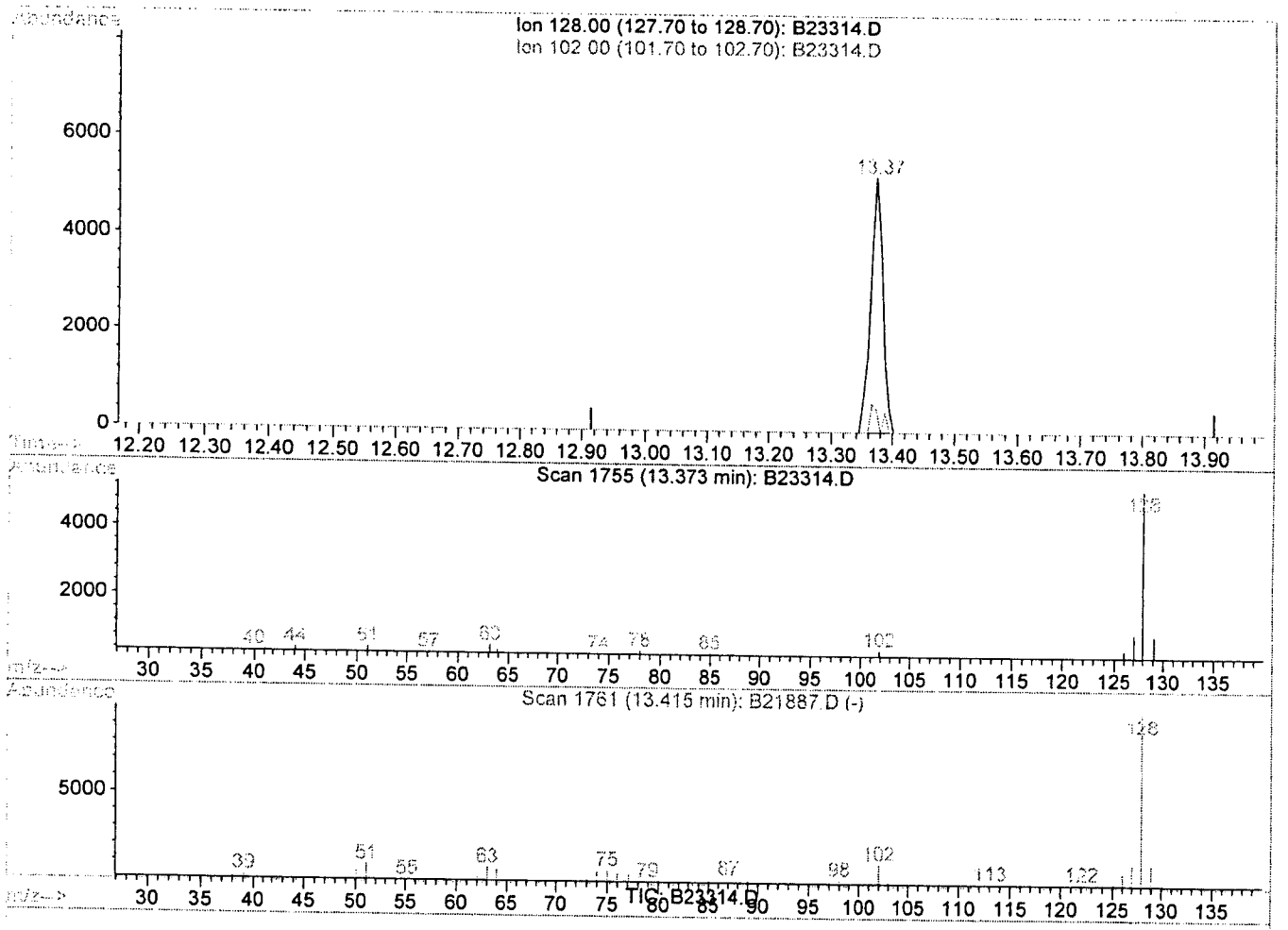


Quantitation Report

Data File : D:\HPDATA\050106\B23314.D
Acq On : 1 May 2006 13:01
Sample : 227779-1 JJ&G 4.379G
Misc : 128398 ISSS
Quant Time: May 1 13:15 19106

Vial: 14
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(90) Naphthalene (T)

13.37min 1.83ppb

response 7339

Ion	Exp%	Act%
128.00	100	100
102.00	11.10	8.83#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23316.D
Acq On : 1 May 2006 13:42
Sample : 227779-3 JJ&G 4.687G
Misc : 128398 ISSS 6.48
MS Integration Params: rteint.p
Quant Time: May 1 13:56 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2
(5/4.687/0.9352) = 1.140697

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1315367	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	1014981	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	873896	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.12	152	334780	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	284615	48.46 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	356715	43.45 ppb	0.00
58) Toluene-d8	7.43	98	1274331	51.79 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1602673	50.18 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	441863	59.00 ppb	-0.03

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.35	50	692	~~-0.06~~ ppb	#	43
4) Vinyl Chloride	1.67	62	154	N.D.		
5) Bromomethane	0.00	94	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Diethyl Ether	0.00	74	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) Acrolein	0.00	56	0	N.D.		
11) Carbon Disulfide	3.06	76	207	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Acetone	2.93	43	2669	-6.57 ppb	#	80
14) Methylene Chloride	3.40	84	1505	-3.15 ppb	#	89
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
16) Acrylonitrile	0.00	53	0	N.D.		
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.		
18) Allyl chloride	3.06	76	207	~~-0.06~~ ppb	#	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.		
20) Vinyl Acetate	3.89	43	407	N.D.		
21) 2,2-Dichloropropane	0.00	77	0	N.D.		
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
23) 2-Butanone	4.81	43	881	~~-0.36~~ ppb	#	49
24) Methyl Acrylate	0.00	55	0	N.D.		
25) Bromochloromethane	0.00	130	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23316.D
Acq On : 1 May 2006 13:42
Sample : 227779-3 JJ&G 4.687G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:56 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.30	67	1835	~~0.92~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.07	42	3072	-1.52 ppb	#	67
31) 1-Chlorobutane	5.30	56	12379	~~0.82~~ ppb	#	54
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.30	75	54256	~~4.90~~ ppb	#	60
37) Benzene	5.63	78	174	N.D.		
38) 1,2-Dichloroethane	5.30	62	2508	~~0.27~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	12514	~~7.06~~ ppb	#	1
48) Toluene	7.49	92	1517	0.09 ppb BMDL		86
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	27677	~~6.29~~ ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	4192	~~3.30~~ ppb	#	90
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	7.96	43	220	~~0.07~~ ppb	#	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.88	112	11556	~~0.68~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	8.95	91	416	N.D.		
63) Xylene (m+p)	9.07	91	1710	0.07 ppb BMDL		96
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.97	105	330	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23316.D
Acq On : 1 May 2006 13:42
Sample : 227779-3 JJ&G 4.687G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:56 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2388	~~0.26~~ ppb	# 27
72) 1,2,3-Trichloropropane	10.04	75	336	~~0.06~~ ppb	# 44
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	10.42	91	200	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.97	105	330	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	10.78	105	467	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	11.14	146	347	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	11.52	146	185	N.D.	
85) n-Butylbenzene	11.12	91	874	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.38	128	1610	~~1.30~~ ppb	# 71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

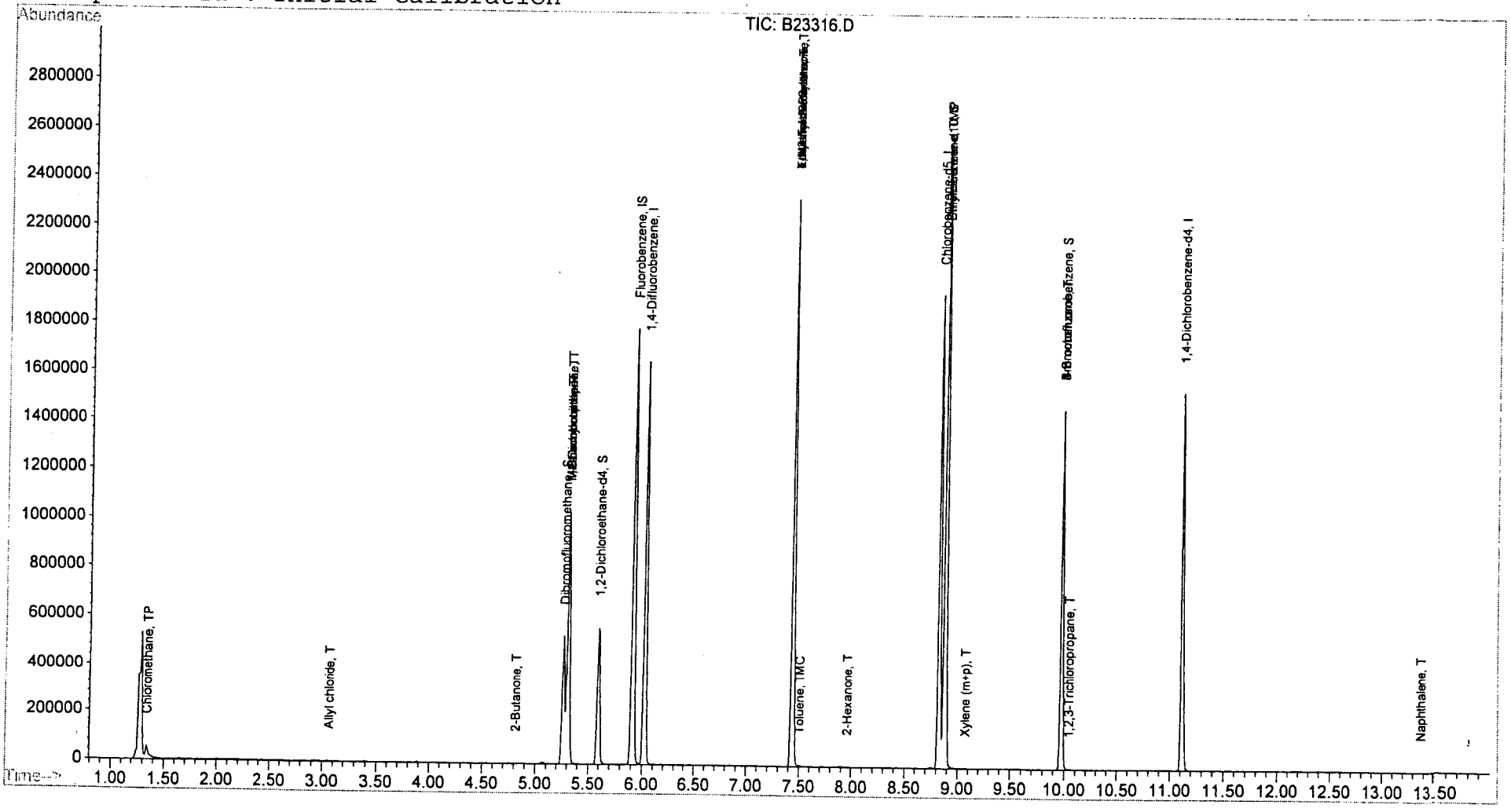
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23316.D
Acq On : 1 May 2006 13:42
Sample : 227779-3 JJ&G 4.687G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 13:56 19106

Vial: 16
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23318.D
Acq On : 1 May 2006 14:23
Sample : 227779-5 JJ&G 3.362G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 14:37 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/3.362/0.917) = 1.621621

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1328097	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	1020579	50.00 ppb	0.00
57) Chlorobenzene-d5	8.82	117	925279	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.12	152	418397	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.27	111	286478	48.31 ppb	0.00
36) 1,2-Dichloroethane-d4	5.60	65	364536	43.97 ppb	0.00
58) Toluene-d8	7.43	98	1297012	49.78 ppb	-0.02
60) Ethylbenzene-d10	8.88	98	1692280	50.04 ppb	-0.02
70) 4-Bromofluorobenzene	9.97	95	498698	53.28 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	699	~~0.09~~ ppb #	42
3) Chloromethane	1.34	50	640	~~0.06~~ ppb #	43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.07	76	559	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.93	43	2096	-7.04 ppb #	60
14) Methylene Chloride	3.39	84	1601	-3.14 ppb #	67
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.07	76	559	~~0.17~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	607	~~0.25~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23318.D
Acq On : 1 May 2006 14:23
Sample : 227779-5 JJ&G 3.362G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 14:37 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.31	67	1958	~~0.97~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.06	42	3073	-1.53 ppb	#	82
31) 1-Chlorobutane	5.30	56	12801	~~0.84~~ ppb	#	60
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	55639	~~4.97~~ ppb	#	65
37) Benzene	5.63	78	1012	N.D.		
38) 1,2-Dichloroethane	5.30	62	2843	0.31 ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	7.43	75	164	~~2.54~~ ppb	#	1
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	12671	~~7.11~~ ppb	#	1
48) Toluene	7.50	92	1537	0.09 ppb BMDL		85
49) trans-1,3-Dichloropropene	7.43	75	164	~~3.18~~ ppb	#	1
50) 1,1,2-Trichloroethane	7.44	97	31057	~~7.02~~ ppb	#	15
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	2944	3.13 ppb	#	50
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	7.96	43	195	~~0.06~~ ppb	#	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.87	112	11512	0.64 ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	8.95	91	725	N.D.		
63) Xylene (m+p)	9.07	91	1435	0.05 ppb BMDL		92
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.98	105	490	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23318.D
Acq On : 1 May 2006 14:23
Sample : 227779-5 JJ&G 3.362G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 14:37 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2256	~~0.20~~ ppb	# 27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.97	91	1328	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.98	105	490	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	11.12	134	174	N.D.	
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
85) n-Butylbenzene	11.12	91	1188	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.38	128	1657	~~1.28~~ ppb	# 71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

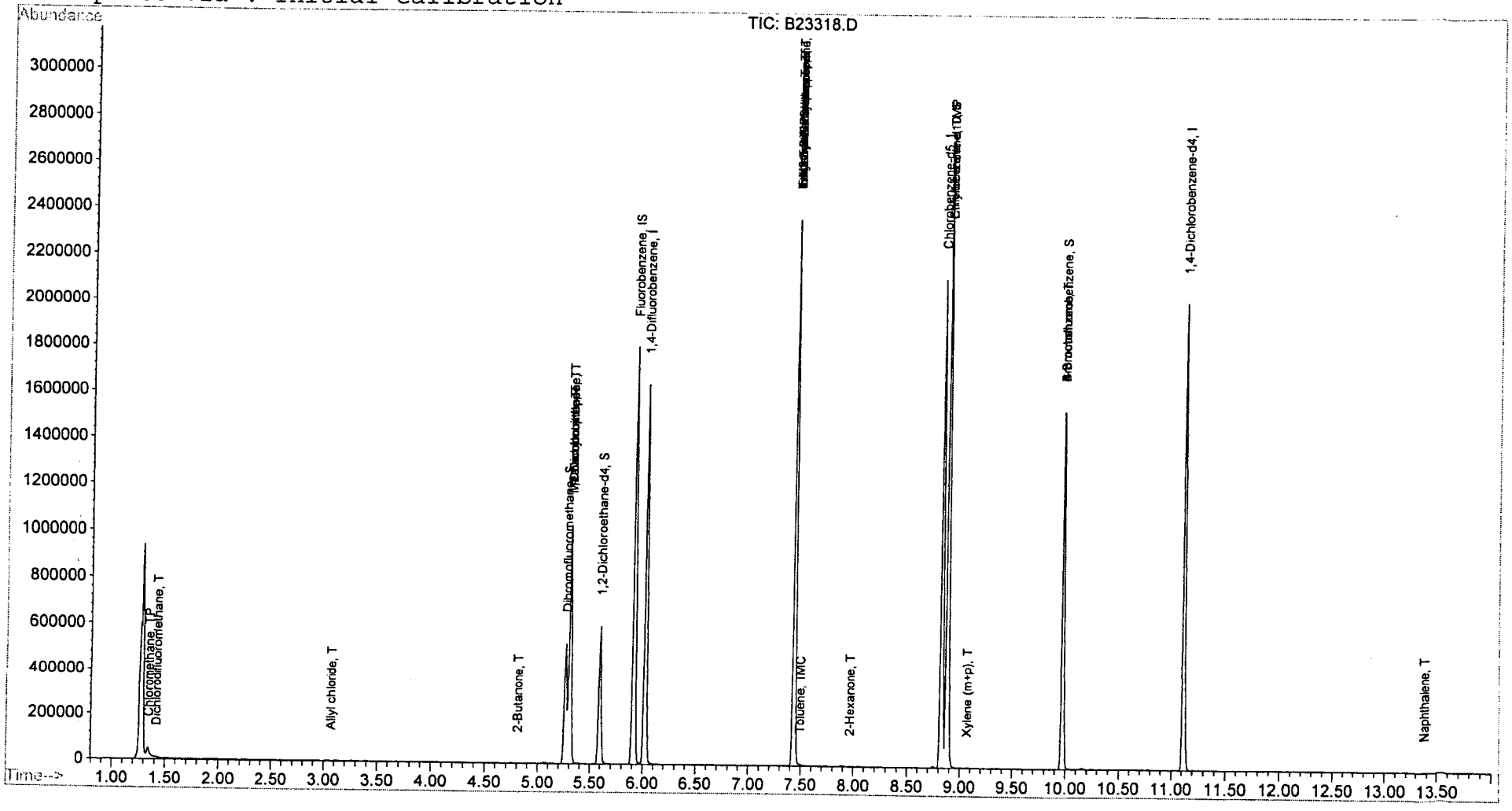
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23318.D
Acq On : 1 May 2006 14:23
Sample : 227779-5 JJ&G 3.362G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 14:37 19106

Vial: 18
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23326.D
Acq On : 1 May 2006 17:08
Sample : 227779-7 JJ&G 4.264G
Misc : 128398 ISSS ~~AKA 15~~ 5/2/06
MS Integration Params: rteint.p
Quant Time: May 1 17:22 19106 5.78

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/4.264/0.9422) = 1.2445423

CHECKED BY
ENTERED BY
REVIEWED BY

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.92	96	1244349	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	974901	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	826064	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	312922	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	274885	49.47 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	355300	45.74 ppb	0.00
58) Toluene-d8	7.44	98	1211346	52.08 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1570065	52.00 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	416048	59.43 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	643	~~0.09~~ ppb #	42
3) Chloromethane	1.33	50	186	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	383	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	6800	-2.96 ppb	93
14) Methylene Chloride	3.39	84	1181	-3.19 ppb #	82
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	383	~~0.13~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.82	43	720	~~0.31~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23326.D
Acq On : 1 May 2006 17:08
Sample : 227779-7 JJ&G 4.264G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 17:22 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.30	67	1855	~~0.98~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.07	42	3122	-1.37 ppb	#	86
31) 1-Chlorobutane	5.31	56	13336	~~0.93~~ ppb	#	65
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	51486	~~4.91~~ ppb	#	60
37) Benzene	5.64	78	394	N.D.		
38) 1,2-Dichloroethane	5.31	62	2740	~~0.32~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	12245	~~7.19~~ ppb	#	1
48) Toluene	7.49	92	1586	0.10 ppb BMDL		83
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	26412	~~6.25~~ ppb	#	15
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	3805	~~3.27~~ ppb	#	81
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	7.96	43	723	~~0.24~~ ppb	#	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.88	112	12063	~~0.75~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	9.07	91	1729	~~0.06~~ ppb BMDL		98
63) Xylene (m+p)	9.07	91	1729	0.07 ppb	#	77
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.97	105	178	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23326.D
Acq On : 1 May 2006 17:08
Sample : 227779-7 JJ&G 4.264G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 17:22 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	1972	~~0.23~~ ppb #	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.97	91	985	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.97	105	178	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	11.11	134	153	N.D.	
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
85) n-Butylbenzene	11.11	91	847	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.37	128	967	~~1.25~~ ppb #	71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

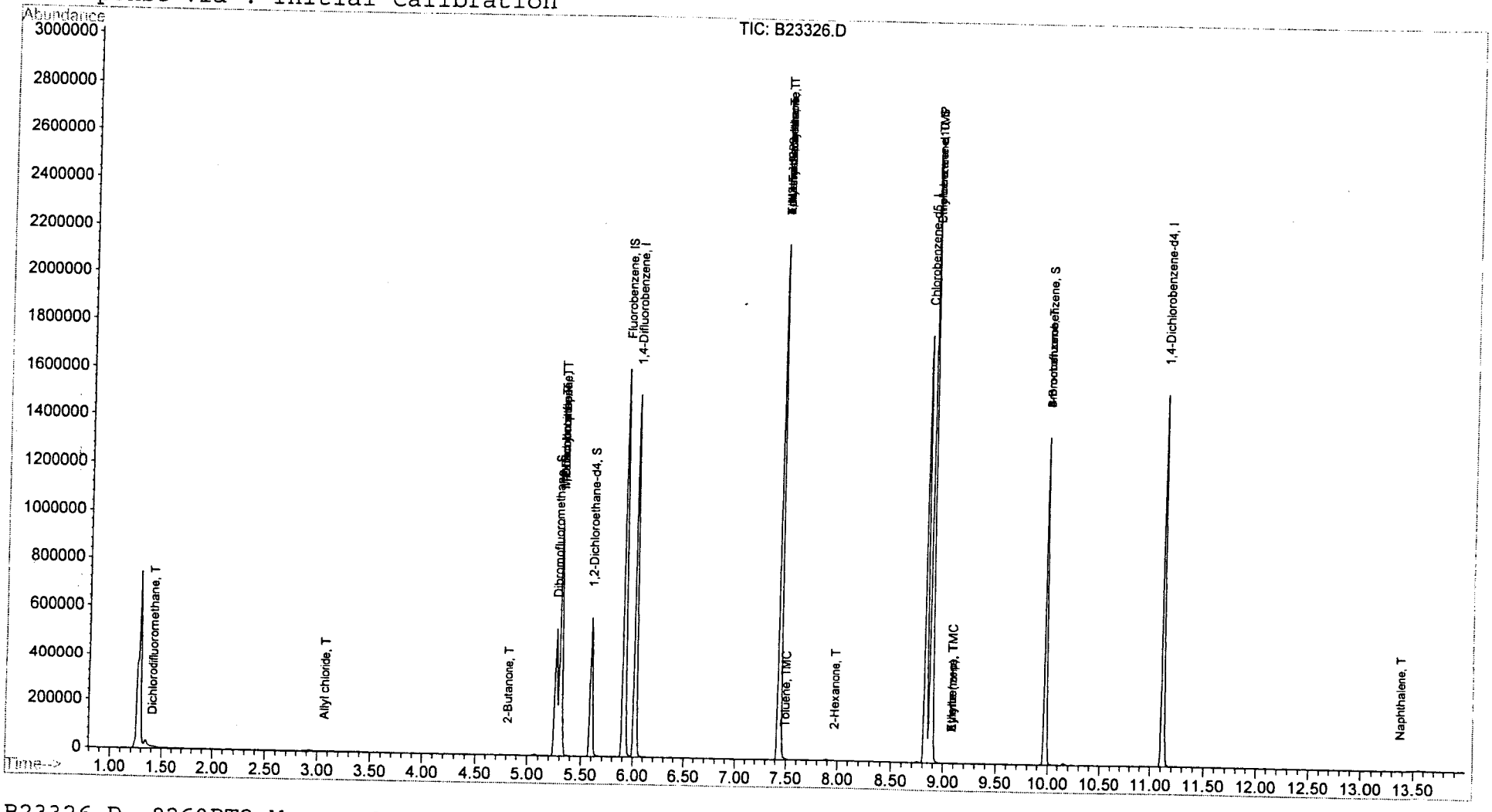
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23326.D
Acq On : 1 May 2006 17:08
Sample : 227779-7 JJ&G 4.264G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 17:22 19106

Vial: 26
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23328.D
Acq On : 1 May 2006 17:49
Sample : 227779-9 JJ&G 4.306G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:03 19106

7.08

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/4.306/0.9292) = 1.2496452

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1211179	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	930545	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	743308	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	248613	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	268907	49.72 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	347956	46.02 ppb	0.00
58) Toluene-d8	7.44	98	1134671	54.21 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1360688	50.08 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	355937	63.99 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	550	~~0.08~~ ppb	# 42
3) Chloromethane	1.34	50	929	~~0.09~~ ppb	# 43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	399	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	6855	-2.76 ppb	92
14) Methylene Chloride	3.39	84	1462	-3.14 ppb	# 87
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	399	~~0.13~~ ppb	# 1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	1081	~~0.48~~ ppb	# 49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23328.D
Acq On : 1 May 2006 17:49
Sample : 227779-9 JJ&G 4.306G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:03 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.31	67	1478	~~0.81~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.06	42	2964	-1.42 ppb	#	81
31) 1-Chlorobutane	5.31	56	12351	~~0.88~~ ppb	#	59
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	49702	~~4.87~~ ppb	#	60
37) Benzene	5.64	78	599	N.D.		
38) 1,2-Dichloroethane	5.30	62	2363	~~0.28~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.44	58	10944	~~6.73~~ ppb	#	1
48) Toluene	7.49	92	1036	0.07 ppb BMDL		75
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	24912	~~6.18~~ ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	2860	~~3.15~~ ppb	#	85
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	7.96	43	1072	~~0.37~~ ppb	#	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.88	112	10372	~~0.72~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	9.07	91	1283	N.D. BMDL		
63) Xylene (m+p)	9.07	91	1283	0.06 ppb	#	72
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.97	105	186	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23328.D
Acq On : 1 May 2006 17:49
Sample : 227779-9 JJ&G 4.306G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:03 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	1788	~~0.26~~ ppb	# 27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.97	91	983	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.97	105	186	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
85) n-Butylbenzene	11.11	91	497	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.37	128	1237	~~1.31~~ ppb	# 71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

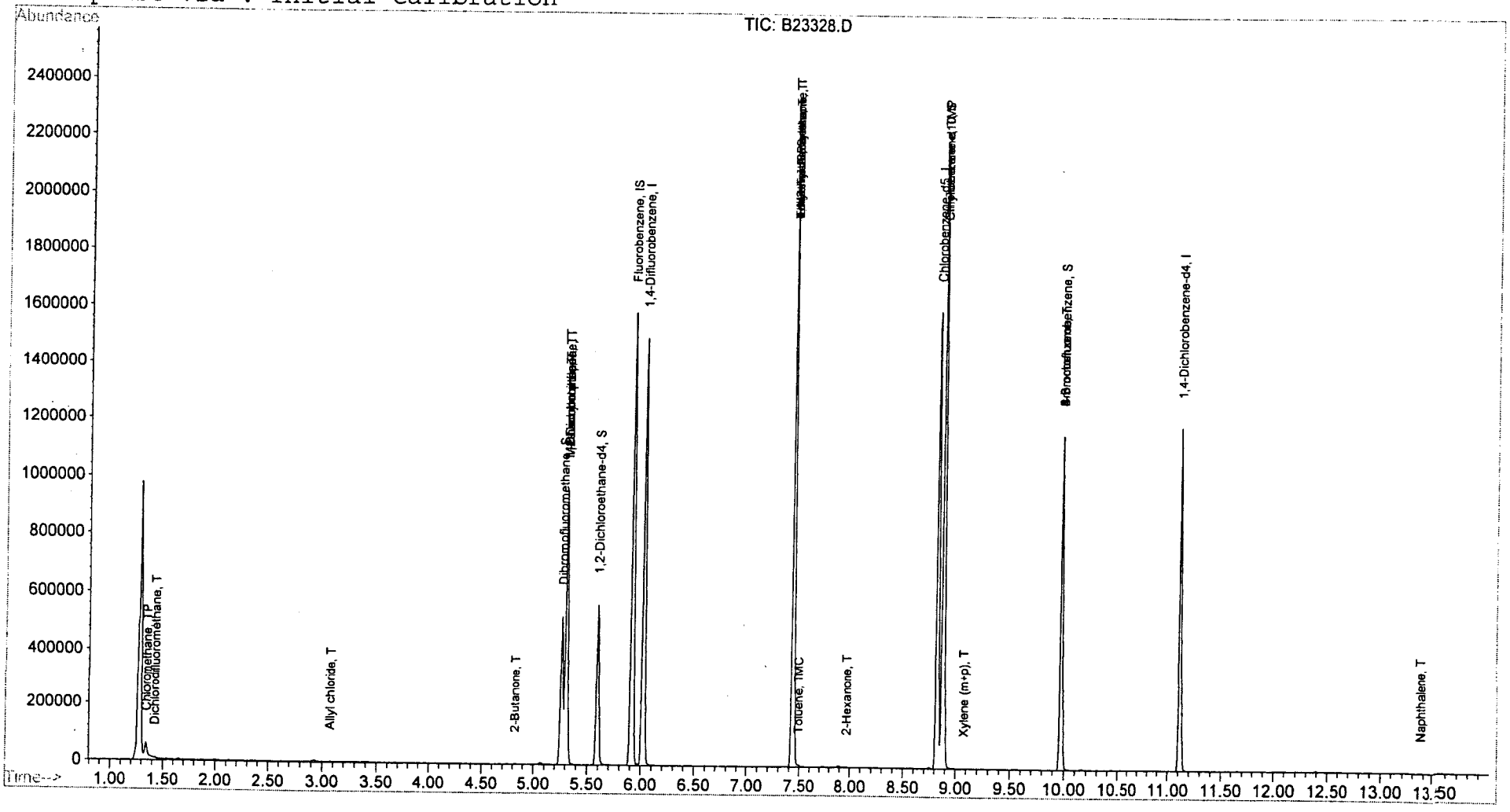
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23328.D
Acq On : 1 May 2006 17:49
Sample : 227779-9 JJ&G 4.306G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:03 19106

Vial: 28
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23330.D
Acq On : 1 May 2006 18:30
Sample : 227779-11 JJ&G 4.74G
Misc : 128398 ISSS 10.6
MS Integration Params: rteint.p
Quant Time: May 1 18:44 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/4.74/0.892) = 1.182698 ✓

CHECKED BY
ENTERED BY
REVIEWED BY

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1226036	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	944845	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	780701	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	295868	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	271240	49.55 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	345380	45.13 ppb	0.00
58) Toluene-d8	7.44	98	1171897	53.31 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1453331	50.93 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	393602	59.46 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	446	~~0.06~~ ppb #	42
3) Chloromethane	1.34	50	3745	~~0.35~~ ppb #	43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	368	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	6094	-3.48 ppb	91
14) Methylene Chloride	3.40	84	1209	-3.18 ppb #	91
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	368	~~0.12~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	3.98	43	175	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	793	~~0.35~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23330.D
Acq On : 1 May 2006 18:30
Sample : 227779-11 JJ&G 4.74G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:44 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.31	67	1773	~~0.95~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.06	42	3104	-1.35 ppb	#	83
31) 1-Chlorobutane	5.31	56	12967	~~0.92~~ ppb	#	66
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	52188	~~5.05~~ ppb	#	61
37) Benzene	5.64	78	311	N.D.		
38) 1,2-Dichloroethane	5.31	62	2676	~~0.31~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	10926	~~6.62~~ ppb	#	1
48) Toluene	7.49	92	1315	0.08 ppb	BMDL	99
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	31942	~~7.80~~ ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	2990	~~3.17~~ ppb	#	64
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	7.96	43	186	~~0.06~~ ppb	#	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.88	112	11321	~~0.75~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	9.07	91	1341	N.D.	BMDL	
63) Xylene (m+p)	9.07	91	1341	0.06 ppb	#	77
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.97	105	181	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23330.D
Acq On : 1 May 2006 18:30
Sample : 227779-11 JJ&G 4.74G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:44 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71) Bromobenzene	9.97	77	2253	0.28 ppb	#	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.		
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) n-Propylbenzene	9.97	91	1050	N.D.		
75) 2-Chlorotoluene	0.00	126	0	N.D.		
76) 4-Chlorotoluene	0.00	126	0	N.D.		
77) 1,3,5-Trimethylbenzene	9.97	105	181	N.D.		
78) tert-Butylbenzene	0.00	119	0	N.D.		
79) sec-Butylbenzene	0.00	134	0	N.D.		
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
82) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
83) Isopropyltoluene	0.00	119	0	N.D.		
84) 1,2-Dichlorobenzene	11.52	146	154	N.D.		
85) n-Butylbenzene	11.11	91	801	N.D.		
86) Hexachloroethane	0.00	201	0	N.D.		
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88) Nitrobenzene	12.73	77	714	7.92 ppb	#	39
89) 1,2,4-Trichlorobenzene	13.12	180	163	N.D.		
90) Naphthalene	13.37	128	1255	1.29 ppb	#	71
91) Hexachlorobutadiene	0.00	190	0	N.D.		
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

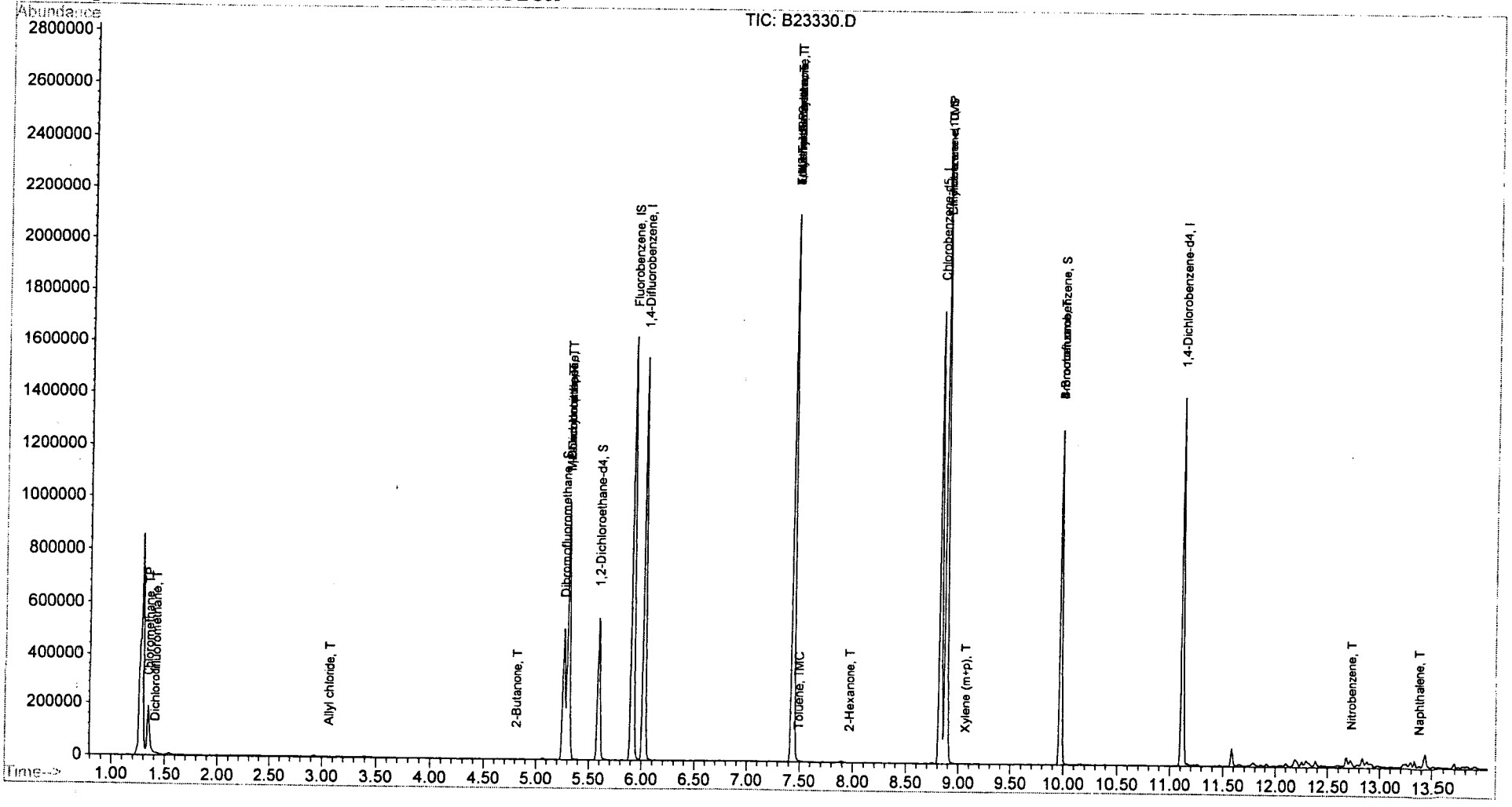
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23330.D
Acq On : 1 May 2006 18:30
Sample : 227779-11 JJ&G 4.74G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 18:44 19106

Vial: 30
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23332.D
Acq On : 1 May 2006 19:11
Sample : 227779-13 JJ&G 5.387G
Misc : 128398 ISSS 7.63
MS Integration Params: rteint.p
Quant Time: May 1 19:26 19106

Vial: 32
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/5.387/0.9237) = 1.004/6287

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.92	96	1234599	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	947970	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	823255	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	328543	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	269466	48.88 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	346672	44.98 ppb	0.00
58) Toluene-d8	7.44	98	1207481	52.09 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1569048	52.15 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	422768	57.52 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	664	~~0.10~~ ppb #	42
3) Chloromethane	1.35	50	1484	~~0.14~~ ppb #	43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.08	76	151	N.D.	
12) Iodomethane	0.00	142	0	N.D. 27.50 JL	
13) Acetone	2.92	43	42457	27.37 ppb	100
14) Methylene Chloride	3.40	84	1213	-3.19 ppb #	65
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.08	76	151	~~0.05~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	957	~~0.42~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23332.D
Acq On : 1 May 2006 19:11
Sample : 227779-13 JJ&G 5.387G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 19:26 19106

Vial: 32
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	Propionitrile	0.00	54	0	N.D.			
27)	Chloroform	0.00	83	0	N.D.			
28)	Methacrylonitrile	5.31	67	1722	~~0.92~~	ppb	#	1
29)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
30)	Tetrahydrofuran	5.06	42	2928	-1.48	ppb	#	77
31)	1-Chlorobutane	5.31	56	12548	~~0.88~~	ppb	#	64
33)	2-Chloroethylvinyl ether	0.00	63	0	N.D.			
34)	Carbon Tetrachloride	0.00	119	0	N.D.			
35)	1,1-Dichloropropene	5.31	75	51520	~~4.95~~	ppb	#	60
37)	Benzene	5.64	78	456	N.D.			
38)	1,2-Dichloroethane	5.31	62	2737	~~0.32~~	ppb	#	1
40)	Trichloroethene	0.00	130	0	N.D.			
41)	1,2-Dichloropropane	0.00	63	0	N.D.			
42)	Dibromomethane	0.00	174	0	N.D.			
43)	Bromodichloromethane	0.00	83	0	N.D.			
44)	2-Nitropropane	0.00	41	0	N.D.			
45)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
46)	Methyl methacrylate	0.00	41	0	N.D.			
47)	4-Methyl-2-Pentanone	7.44	58	11096	~~6.70~~	ppb	#	1
48)	Toluene	7.49	92	1490	0.09	ppb	BMDL	79
49)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
50)	1,1,2-Trichloroethane	7.44	97	27526	~~6.70~~	ppb	#	15
51)	Tetrachloroethene	0.00	164	0	N.D.			
52)	Ethyl methacrylate	7.44	69	1790	~~2.99~~	ppb	#	6
53)	1,3-Dichloropropane	0.00	76	0	N.D.			
54)	Dibromochloromethane	0.00	129	0	N.D.			
55)	2-Hexanone	0.00	43	0	N.D.			
56)	1,2-Dibromoethane	0.00	107	0	N.D.			
59)	Chlorobenzene	8.88	112	12798	~~0.80~~	ppb	#	1
61)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
62)	Ethylbenzene	~~9.06~~	91	1328	N.D.	BMDL		
63)	Xylene (m+p)	9.06	91	1328	0.06	ppb	#	78
64)	Styrene	0.00	104	0	N.D.			
65)	Xylene (o)	9.79	91	1483	~~0.07~~	ppb	#	34
66)	Bromoform	0.00	173	0	N.D.			
67)	Isopropylbenzene	9.78	105	154	N.D.			
69)	1,4-Dichloro-2-Butene	0.00	53	0	N.D.			

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23332.D
Acq On : 1 May 2006 19:11
Sample : 227779-13 JJ&G 5.387G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 19:26 19106

Vial: 32
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71)	Bromobenzene	9.97	77	2391	0.26 ppb	#	27
72)	1,2,3-Trichloropropane	0.00	75	0	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74)	n-Propylbenzene	9.97	91	1181	N.D.		
75)	2-Chlorotoluene	0.00	126	0	N.D.		
76)	4-Chlorotoluene	0.00	126	0	N.D.		
77)	1,3,5-Trimethylbenzene	9.97	105	194	N.D.		
78)	tert-Butylbenzene	0.00	119	0	N.D.		
79)	sec-Butylbenzene	0.00	134	0	N.D.		
80)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
81)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
82)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
83)	Isopropyltoluene	0.00	119	0	N.D.		
84)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
85)	n-Butylbenzene	11.11	91	849	N.D.		
86)	Hexachloroethane	0.00	201	0	N.D.		
87)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88)	Nitrobenzene	0.00	77	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Naphthalene	13.37	128	661	1.22 ppb	#	71
91)	Hexachlorobutadiene	0.00	190	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

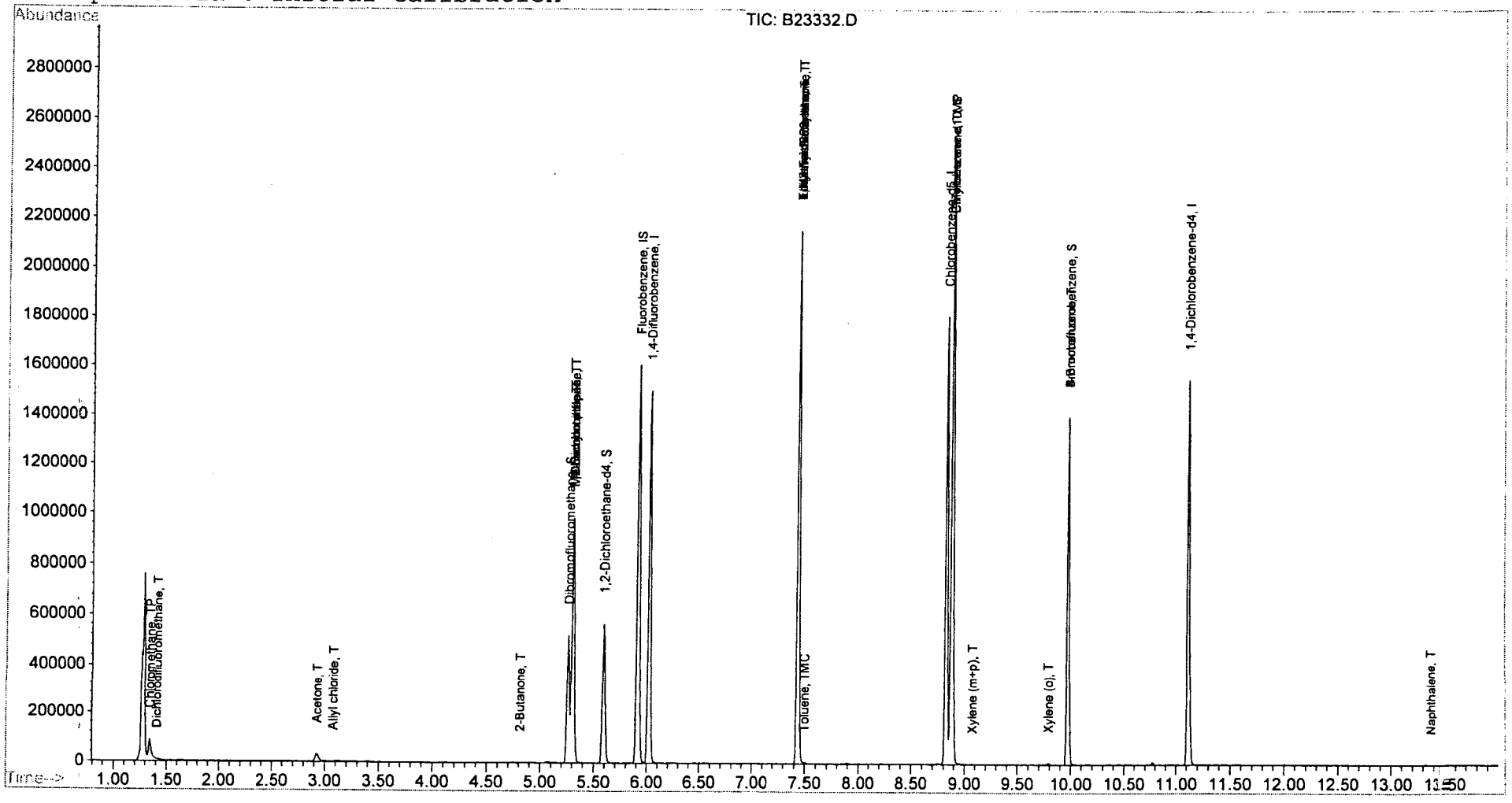
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23332.D
Acq On : 1 May 2006 19:11
Sample : 227779-13 JJ&G 5.387G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 19:26 19106

Vial: 32
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration

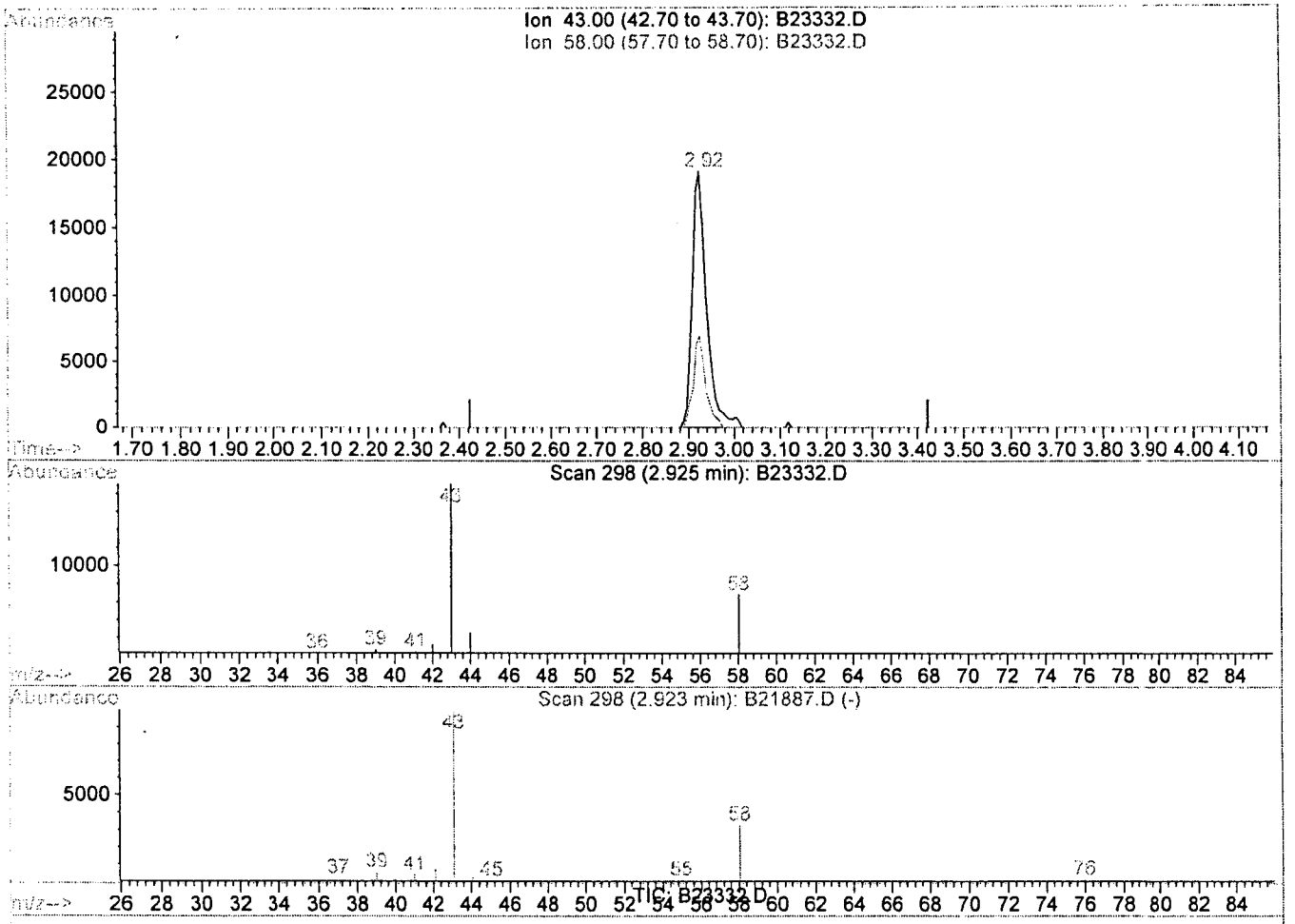


Quantitation Report

Data File : D:\HPDATA\050106\B23332.D
Acq On : 1 May 2006 19:11
Sample : 227779-13 JJ&G 5.387G
Misc : 128398 ISSS
Quant Time: May 1 19:26 19106

Vial: 32
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(13) Acetone (T)

2.92min 27.37ppb

response 42457

Ion	Exp%	Act%
43.00	100	100
58.00	31.40	31.43
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23320.D
Acq On : 1 May 2006 15:04
Sample : 227779-15 JJ&G 3.724G
Misc : 128398 ISSS
MS Integration Params: rteint.p 8.74
Quant Time: May 1 15:19 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/3.724/0.9126) = 1.4713375 ✓

CHECKED BY
REVIEWED BY
REVIEWED BY

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1293512	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	1001165	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	862891	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.12	152	336938	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	282668	48.94 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	360698	44.67 ppb	0.00
58) Toluene-d8	7.43	98	1266119	52.11 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1633927	51.81 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	437395	58.03 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	425	~~0.06~~ ppb	# 42
3) Chloromethane	1.34	50	417	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.07	76	339	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.93	43	2608	-6.58 ppb	# 81
14) Methylene Chloride	3.39	84	679	-3.29 ppb	# 22
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.07	76	339	~~0.11~~ ppb	# 1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.82	43	180	~~0.07~~ ppb	# 49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23320.D
Acq On : 1 May 2006 15:04
Sample : 227779-15 JJ&G 3.724G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 15:19 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	0.00	54	0	N.D.	
27) Chloroform	0.00	83	0	N.D.	
28) Methacrylonitrile	5.30	67	1592	~~0.81~~ ppb #	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
30) Tetrahydrofuran	5.07	42	2813	-1.65 ppb	92
31) 1-Chlorobutane	5.30	56	12687	~~0.85~~ ppb #	67
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.	
34) Carbon Tetrachloride	0.00	119	0	N.D.	
35) 1,1-Dichloropropene	5.30	75	53652	~~4.92~~ ppb #	62
37) Benzene	5.63	78	398	N.D.	
38) 1,2-Dichloroethane	5.30	62	2672	~~0.30~~ ppb #	1
40) Trichloroethene	0.00	130	0	N.D.	
41) 1,2-Dichloropropane	6.11	63	210	N.D.	
42) Dibromomethane	0.00	174	0	N.D.	
43) Bromodichloromethane	0.00	83	0	N.D.	
44) 2-Nitropropane	0.00	41	0	N.D.	
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
46) Methyl methacrylate	0.00	41	0	N.D.	
47) 4-Methyl-2-Pentanone	7.43	58	12105	~~6.92~~ ppb #	1
48) Toluene	7.49	92	1730	0.10 ppb BMDL	82
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
50) 1,1,2-Trichloroethane	7.44	97	29095	~~6.71~~ ppb #	15
51) Tetrachloroethene	0.00	164	0	N.D.	
52) Ethyl methacrylate	7.43	69	3784	~~3.25~~ ppb #	79
53) 1,3-Dichloropropane	0.00	76	0	N.D.	
54) Dibromochloromethane	0.00	129	0	N.D.	
55) 2-Hexanone	7.96	43	162	~~0.05~~ ppb #	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.	
59) Chlorobenzene	8.88	112	12111	~~0.72~~ ppb #	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
62) Ethylbenzene	~~9.07~~	91	1626	~~0.05 ppb~~ BMDL	93
63) Xylene (m+p)	9.07	91	1626	0.07 ppb #	81
64) Styrene	0.00	104	0	N.D.	
65) Xylene (o)	0.00	91	0	N.D.	
66) Bromoform	0.00	173	0	N.D.	
67) Isopropylbenzene	9.97	105	171	N.D.	
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23320.D
Acq On : 1 May 2006 15:04
Sample : 227779-15 JJ&G 3.724G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 15:19 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71)	Bromobenzene	9.97	77	2423	~~0.26~~ ppb	#	27
72)	1,2,3-Trichloropropane	0.00	75	0	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74)	n-Propylbenzene	9.97	91	941	N.D.		
75)	2-Chlorotoluene	0.00	126	0	N.D.		
76)	4-Chlorotoluene	0.00	126	0	N.D.		
77)	1,3,5-Trimethylbenzene	9.97	105	171	N.D.		
78)	tert-Butylbenzene	0.00	119	0	N.D.		
79)	sec-Butylbenzene	11.11	134	155	N.D.		
80)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
81)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
82)	1,4-Dichlorobenzene	11.14	146	197	N.D.		
83)	Isopropyltoluene	0.00	119	0	N.D.		
84)	1,2-Dichlorobenzene	11.51	146	160	N.D.		
85)	n-Butylbenzene	11.11	91	750	N.D.		
86)	Hexachloroethane	0.00	201	0	N.D.		
87)	1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88)	Nitrobenzene	0.00	77	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Naphthalene	13.37	128	1176	~~1.27~~ ppb	#	71
91)	Hexachlorobutadiene	0.00	190	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

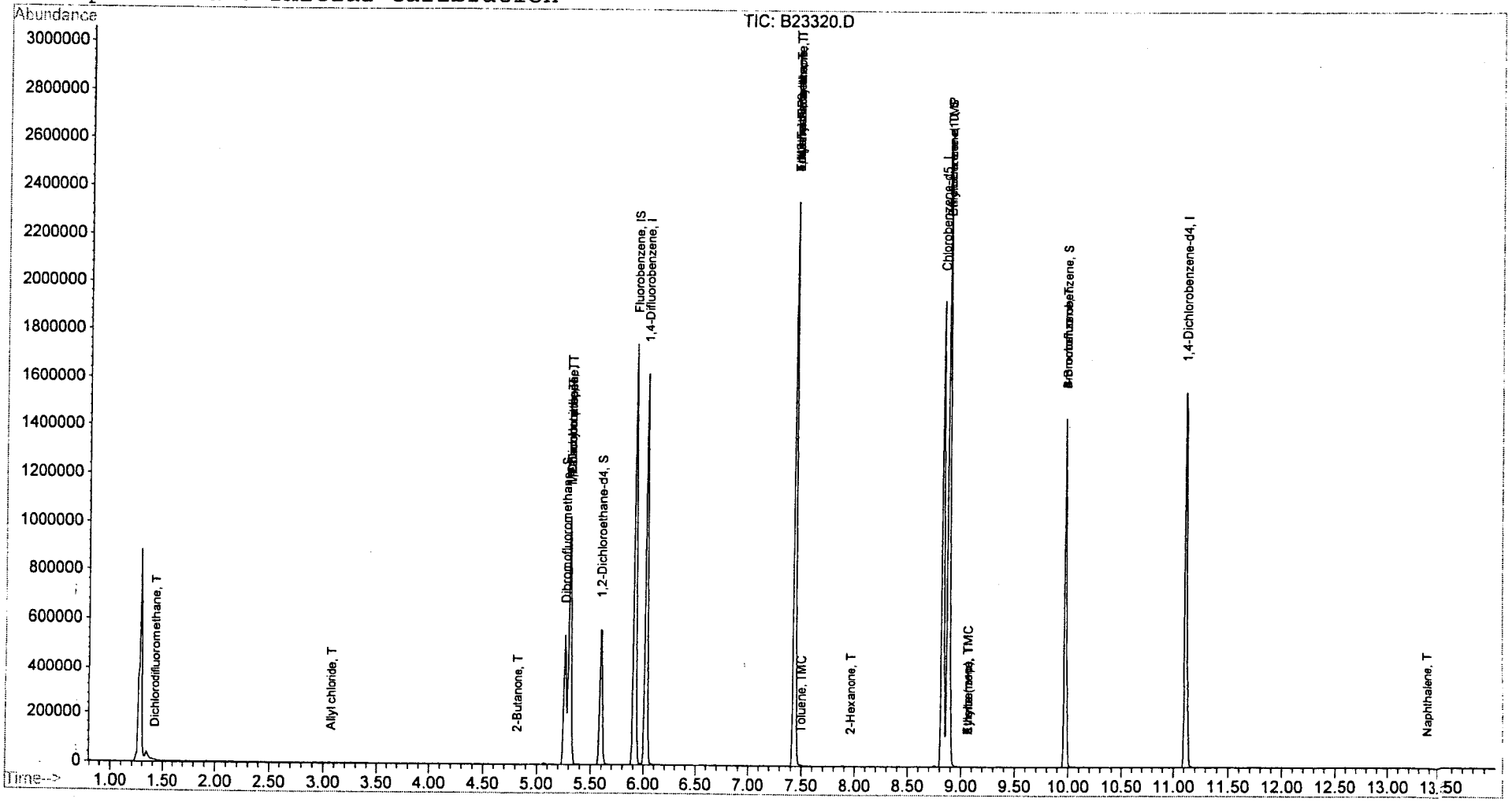
Quantitation Report

Data File : D:\HPDATA\050106\B23320.D
Acq On : 1 May 2006 15:04
Sample : 227779-15 JJ&G 3.724G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 15:19 19106

Vial: 20
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p 8.74
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/4.869/0.9126) = 1.1252519 ✓

CHECKED BY
ENTERED BY
REVIEWED BY

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1278255	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	975162	50.00 ppb	-0.01
57) Chlorobenzene-d5	8.82	117	806699 ✓	50.00 ppb	-0.03
68) 1,4-Dichlorobenzene-d4	11.12	152	270873	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	280094	49.07 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	358756	44.96 ppb	0.00
58) Toluene-d8	7.43	98	1242245	54.69 ppb	-0.02
60) Ethylbenzene-d10	8.88	98	1563581	53.03 ppb	-0.03
70) 4-Bromofluorobenzene	9.98	95	385107	63.55 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	391	~~0.05~~ ppb #	42
3) Chloromethane	1.34	50	405	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	1.91	64	257	~~0.05~~ ppb #	42
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D. 30.86 ✓	
9) 1,1-Dichloroethene	2.83	96	278081 ✓	45.20 ppb	98
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	4450	~~0.22~~ ppb #	76
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.93	43	4596	-4.92 ppb #	83
14) Methylene Chloride	3.40	84	1561	-3.13 ppb #	81
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	4450	~~1.42~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	3.98	43	151	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	1173	~~0.49~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	0.00	54	0	N.D.	
27) Chloroform	0.00	83	0	N.D.	
28) Methacrylonitrile	5.31	67	2160	~~1.12~~ ppb #	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
30) Tetrahydrofuran	5.06	42	3474	-1.19 ppb #	78
31) 1-Chlorobutane	5.30	56	12539	~~0.85~~ ppb #	61
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.	
34) Carbon Tetrachloride	0.00	119	0	N.D.	
35) 1,1-Dichloropropene	5.31	75	54333	~~5.04~~ ppb #	59
37) Benzene	5.64	78	1279511	48.66 ppb 54.75	~~100~~
38) 1,2-Dichloroethane	5.63	62	10253	~~1.16~~ ppb #	78
40) Trichloroethene	6.26	130	251988	44.64 ppb 50.23	98
41) 1,2-Dichloropropane	6.26	63	863	~~0.14~~ ppb #	88
42) Dibromomethane	0.00	174	0	N.D.	
43) Bromodichloromethane	0.00	83	0	N.D.	
44) 2-Nitropropane	0.00	41	0	N.D.	
45) cis-1,3-Dichloropropene	7.49	75	7634	~~3.27~~ ppb #	1
46) Methyl methacrylate	0.00	41	0	N.D.	
47) 4-Methyl-2-Pentanone	7.43	58	12085	~~7.09~~ ppb #	1
48) Toluene	7.49	92	678541	41.98 ppb 47.23	~~100~~
49) trans-1,3-Dichloropropene	7.49	75	7634	~~4.04~~ ppb #	1
50) 1,1,2-Trichloroethane	7.44	97	28296	~~6.70~~ ppb #	15
51) Tetrachloroethene	0.00	164	0	N.D.	
52) Ethyl methacrylate	7.44	69	4115	~~3.31~~ ppb #	78
53) 1,3-Dichloropropane	0.00	76	0	N.D.	
54) Dibromochloromethane	0.00	129	0	N.D.	
55) 2-Hexanone	8.29	43	509	~~0.17~~ ppb #	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.	
59) Chlorobenzene	8.85	112	510489	32.58 ppb 36.66	97
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
62) Ethylbenzene	~~9.07~~	91	4323	~~0.14~~ ppb	89
63) Xylene (m+p)	9.07	91	4323	0.19 ppb 6MOL #	84
64) Styrene	0.00	104	0	N.D.	
65) Xylene (o)	9.46	91	444	N.D.	
66) Bromoform	0.00	173	0	N.D.	
67) Isopropylbenzene	0.00	105	0	N.D.	
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2219	0.30 ppb #	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.98	91	1152	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	10.31	105	188	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	10.76	105	383	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	11.14	146	206	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	11.51	146	377	0.06 ppb #	30
85) n-Butylbenzene	11.12	91	745	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.37	128	9316	2.16 ppb	97
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

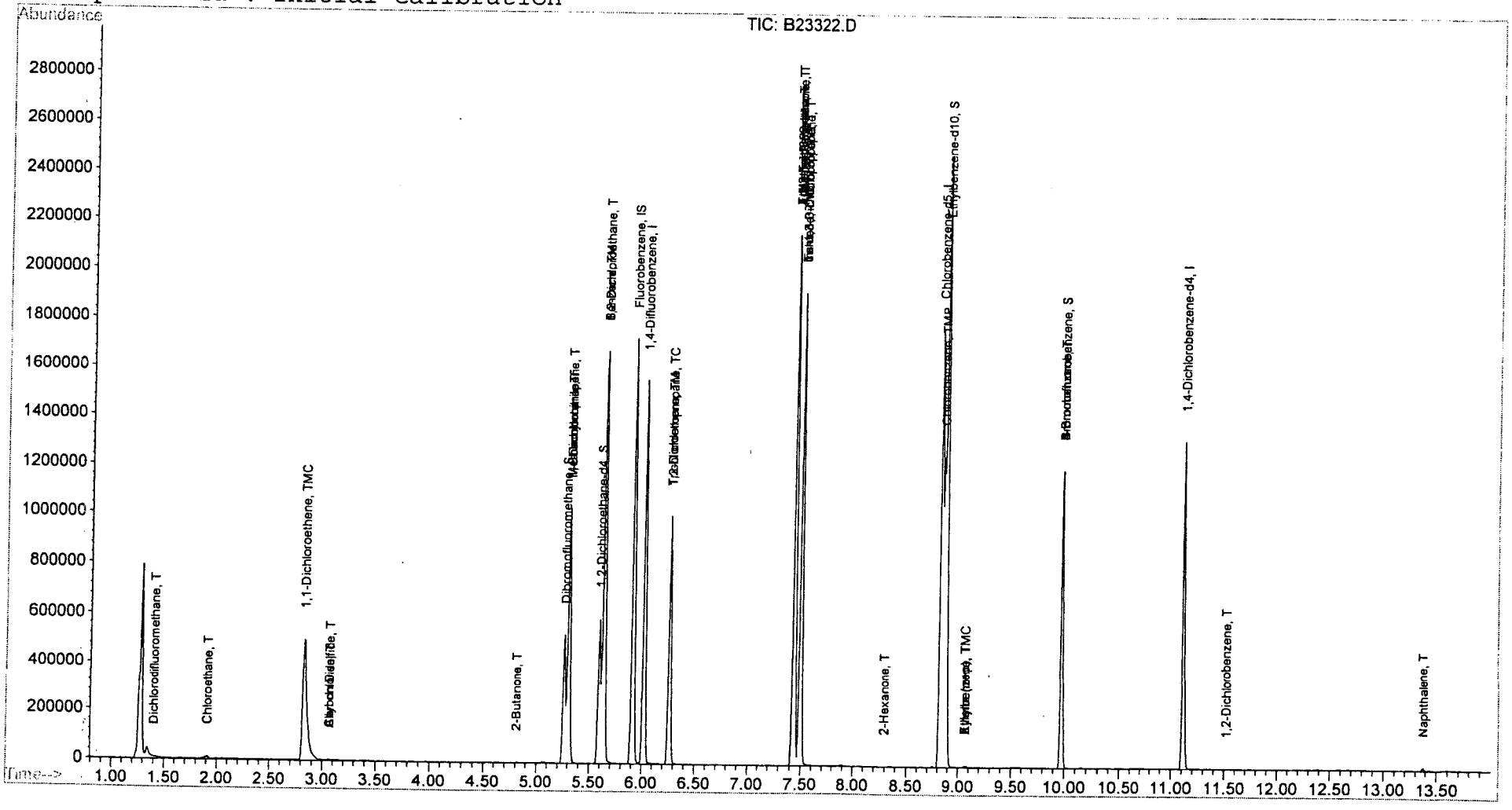
Quantitation Report

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration

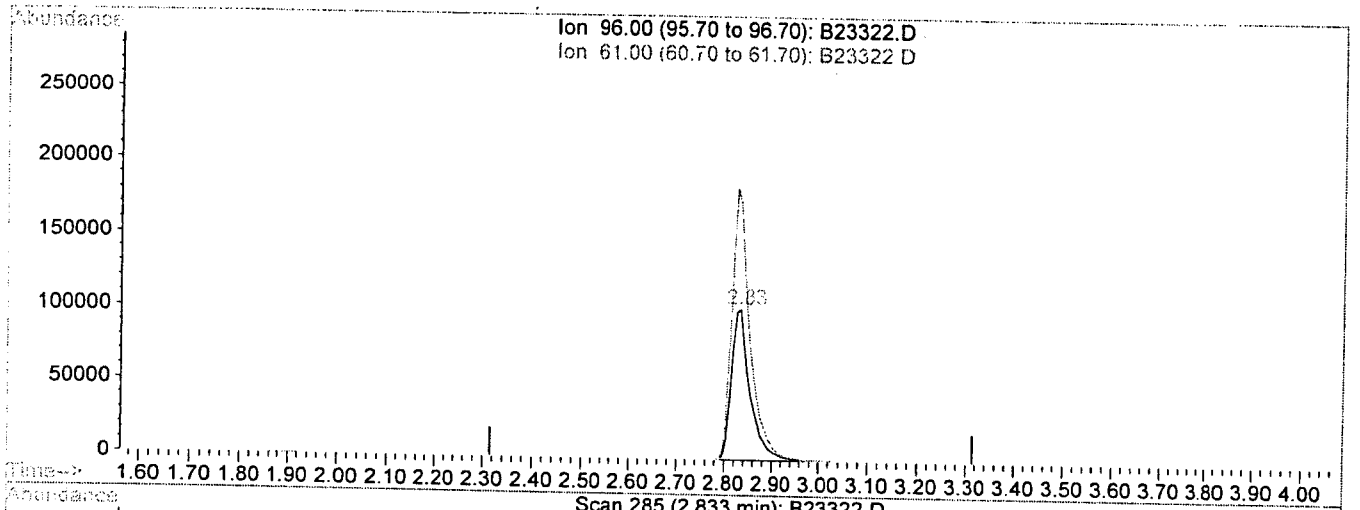


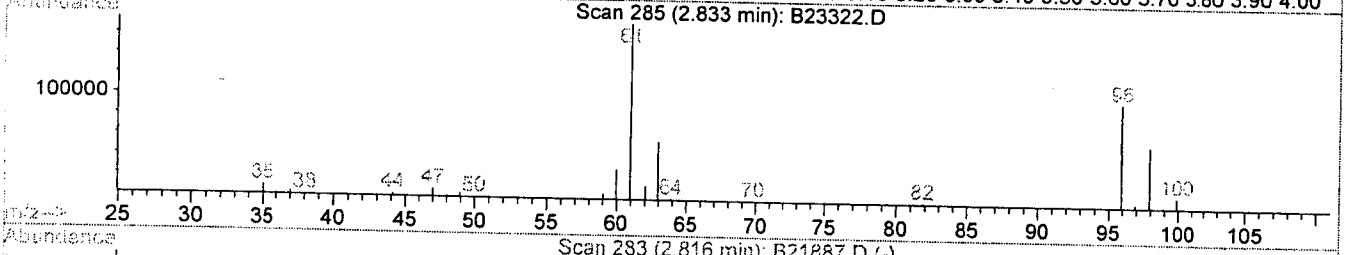
Quantitation Report

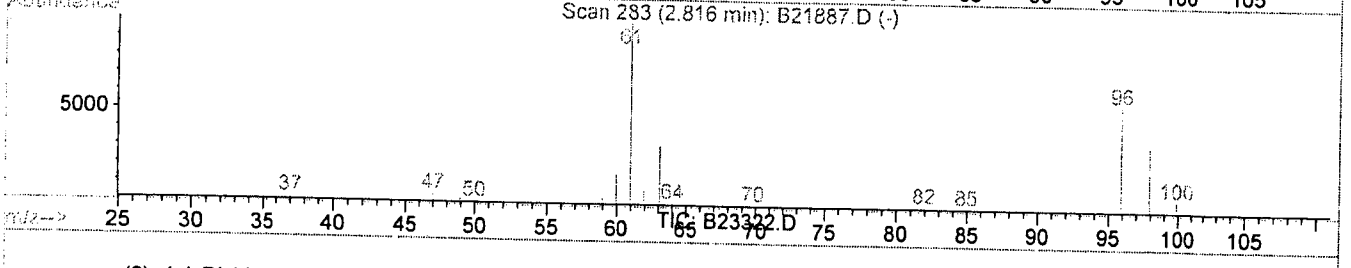
Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration







TIC: B23322.D

(9) 1,1-Dichloroethene (TMC)

2.83min 45.20ppb

response 278081

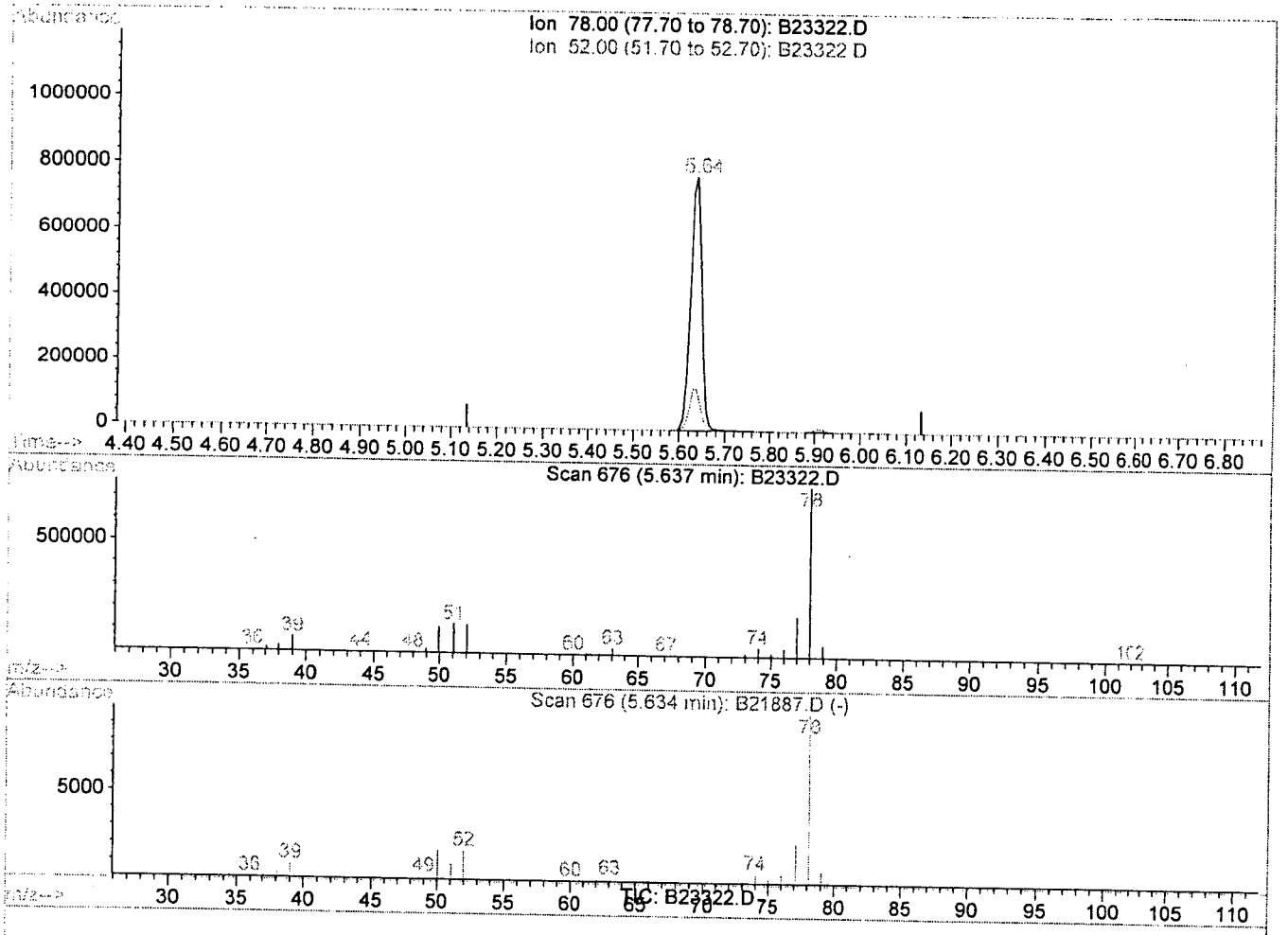
Ion	Exp%	Act%
96.00	100	100
61.00	173.00	176.00
63.00	56.20	56.73
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(37) Benzene (TM)

5.64min 48.66ppb

response 1279511

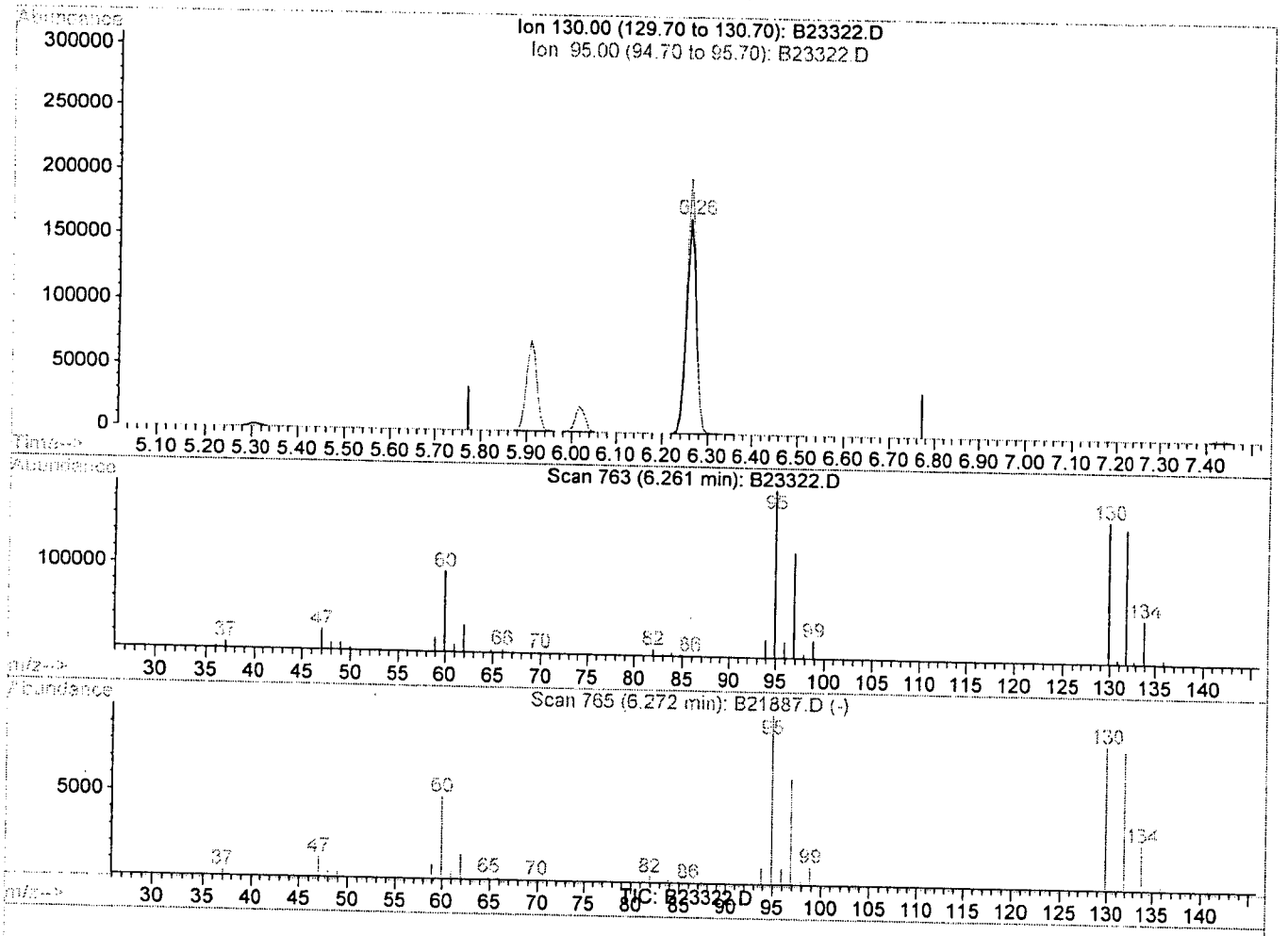
Ion	Exp%	Act%
78.00	100	100
52.00	17.00	16.87
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(40) Trichloroethene (TM)

6.26min 44.64ppb

response 251988

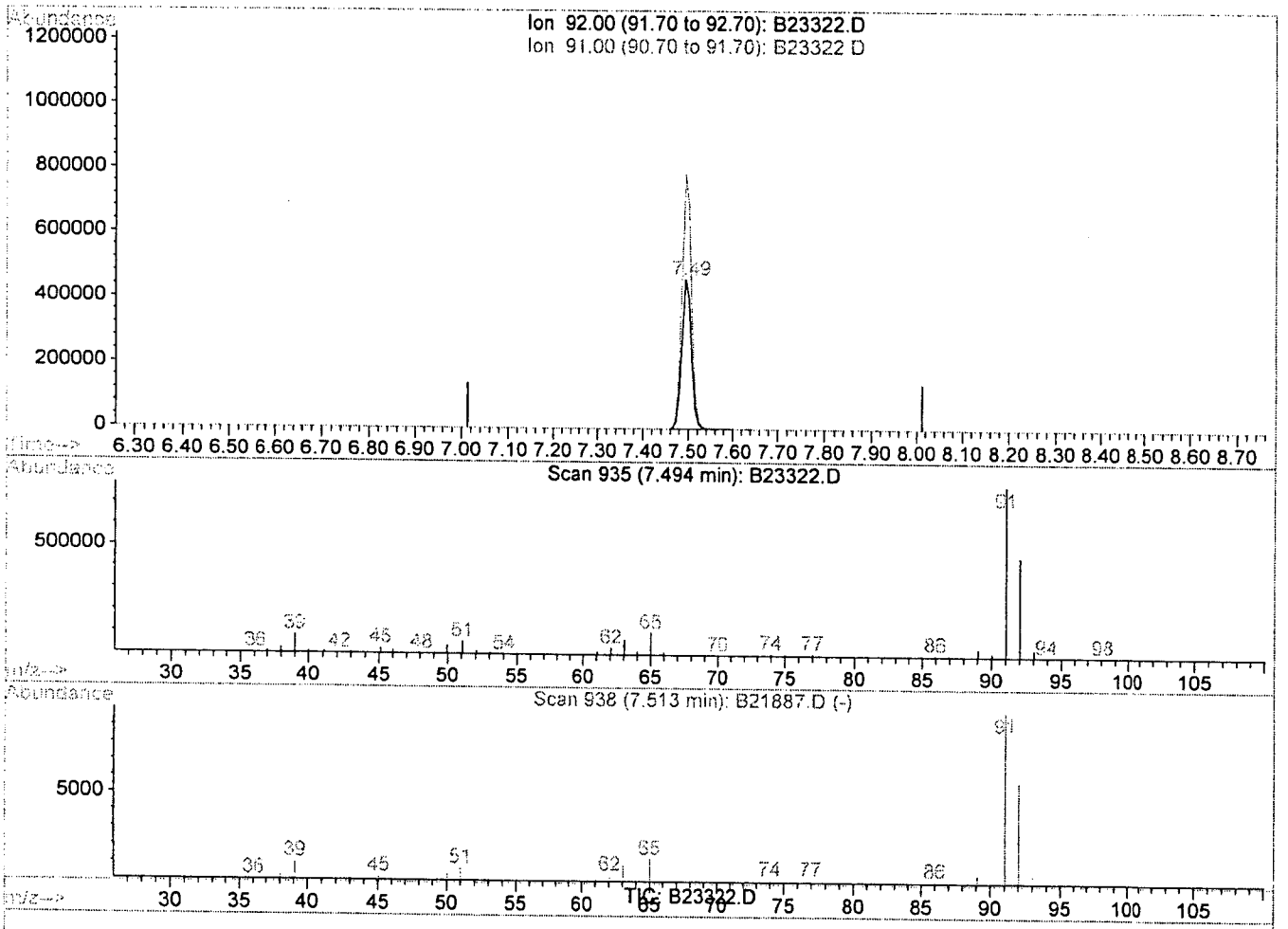
Ion	Exp%	Act%
130.00	100	100
95.00	120.90	119.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(48) Toluene (TMC)

7.49min 41.98ppb

response 678541

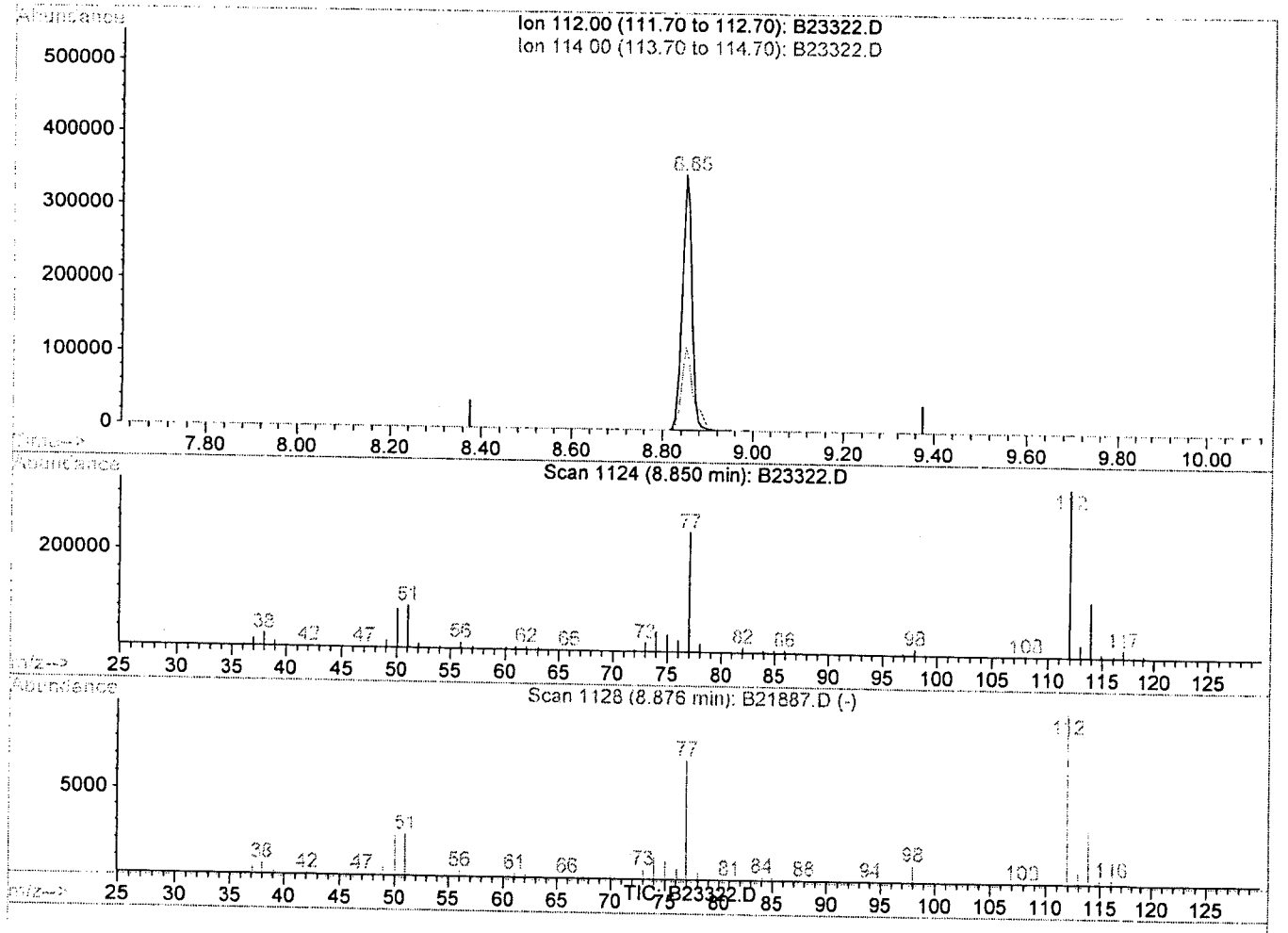
Ion	Exp%	Act%
92.00	100	100
91.00	170.50	170.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(59) Chlorobenzene (TMP)

8.85min 32.58ppb

response 510489

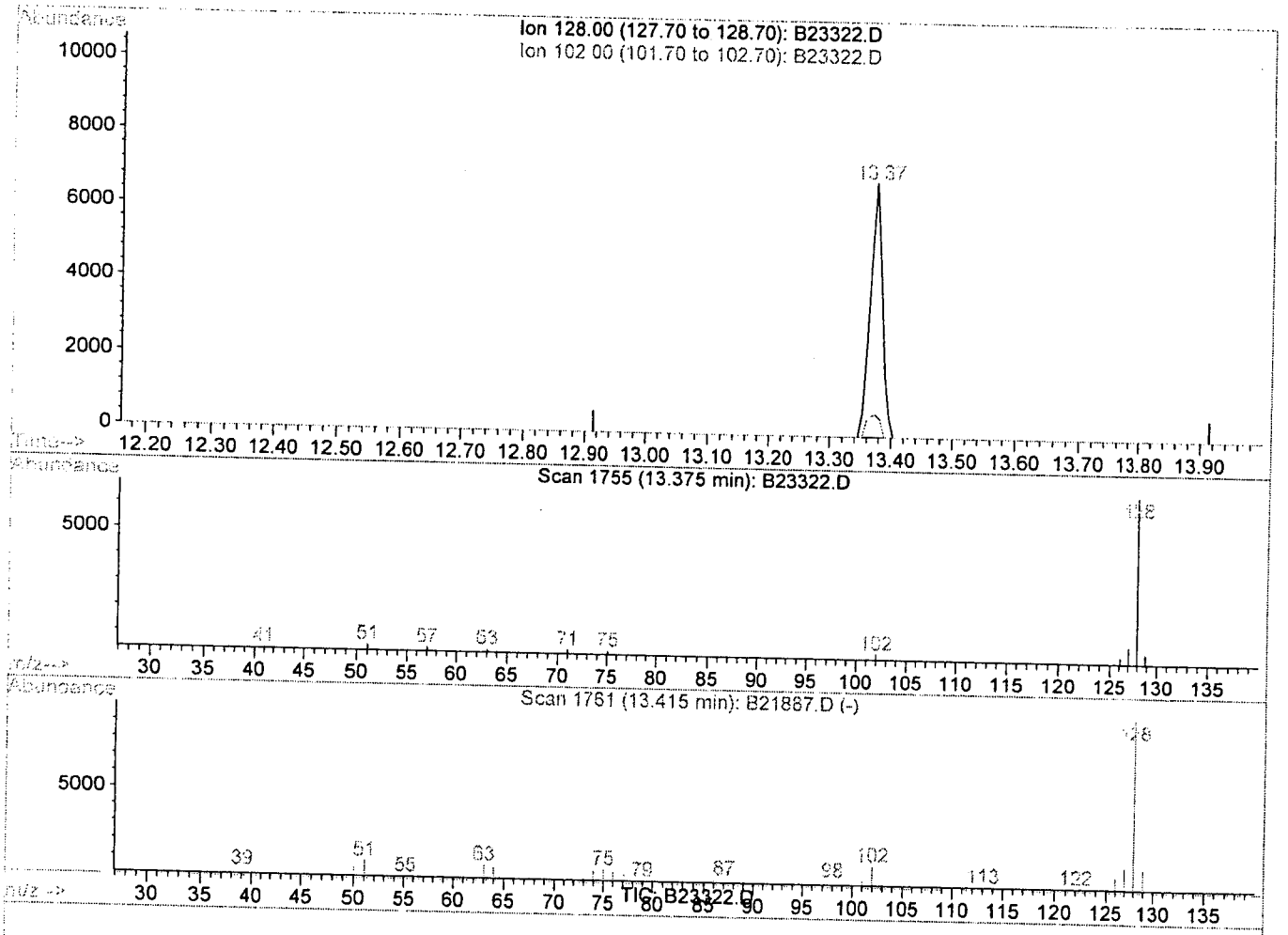
Ion	Exp%	Act%
112.00	100	100
114.00	42.30	40.30
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23322.D
Acq On : 1 May 2006 15:46
Sample : 227779-17MS JJ&G 4.869G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:00 19106

Vial: 22
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(90) Naphthalene (T)

13.37min 2.16ppb

response 9316

Ion	Exp%	Act%
128.00	100	100
102.00	11.10	9.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJLG 3.742G
Misc : 128398 ISSS AKA-15 8.74
MS Integration Params: rteint.p
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/3.742/0.9126) = 1.4641505 ✓

CHECKED BY
ENTERED BY
REVIEWED BY

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1307678	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	1001305	50.00 ppb	-0.01
57) Chlorobenzene-d5	8.82	117	853109	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.12	152	311830	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.27	111	287373	49.22 ppb	0.00
36) 1,2-Dichloroethane-d4	5.60	65	369080	45.22 ppb	0.00
58) Toluene-d8	7.43	98	1267509	52.76 ppb	-0.02
60) Ethylbenzene-d10	8.88	98	1628321	52.22 ppb	-0.02
70) 4-Bromofluorobenzene	9.97	95	420064	60.21 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	165	N.D.	
3) Chloromethane	1.34	50	628	~~0.06 ppb~~ #	43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	1.91	64	194	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	~~N.D.~~ 66.71 ✓	
9) 1,1-Dichloroethene	2.83	96	286768	45.56 ppb	98
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	519	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.93	43	4632	-4.98 ppb	92
14) Methylene Chloride	3.39	84	1268	-3.19 ppb #	68
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	519	~~0.16 ppb~~ #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	3.97	43	195	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	1301	~~0.53 ppb~~ #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) Propionitrile	0.00	54	0	N.D.	
27) Chloroform	0.00	83	0	N.D.	
28) Methacrylonitrile	5.30	67	1857	~~0.94~~ ppb #	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
30) Tetrahydrofuran	5.06	42	2796	-1.68 ppb #	83
31) 1-Chlorobutane	5.30	56	13229	~~0.88~~ ppb #	53
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.	
34) Carbon Tetrachloride	0.00	119	0	N.D.	
35) 1,1-Dichloropropene	5.31	75	54319	~~4.93~~ ppb #	59
37) Benzene	5.63	78	1331033	49.48 ppb 72.45	~~99~~
38) 1,2-Dichloroethane	5.63	62	10805	~~1.19~~ ppb #	78
40) Trichloroethene	6.26	130	261665	45.14 ppb 66.09	~~98~~
41) 1,2-Dichloropropane	6.26	63	1021	~~0.16~~ ppb #	88
42) Dibromomethane	0.00	174	0	N.D.	
43) Bromodichloromethane	0.00	83	0	N.D.	
44) 2-Nitropropane	0.00	41	0	N.D.	
45) cis-1,3-Dichloropropene	7.50	75	8861	~~3.36~~ ppb #	1
46) Methyl methacrylate	0.00	41	0	N.D.	
47) 4-Methyl-2-Pentanone	7.43	58	11872	~~6.79~~ ppb #	1
48) Toluene	7.50	92	722525	43.53 ppb 43.73	100
49) trans-1,3-Dichloropropene	7.50	75	8861	~~4.16~~ ppb #	1
50) 1,1,2-Trichloroethane	7.44	97	31453	~~7.25~~ ppb #	14
51) Tetrachloroethene	0.00	164	0	N.D.	
52) Ethyl methacrylate	7.44	69	4008	~~3.28~~ ppb #	71
53) 1,3-Dichloropropane	0.00	76	0	N.D.	
54) Dibromochloromethane	0.00	129	0	N.D.	
55) 2-Hexanone	7.95	43	202	~~0.06~~ ppb #	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.	
59) Chlorobenzene	8.85	112	572424	34.54 ppb 50.57	96
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
62) Ethylbenzene	8.95	91	1122	N.D.	
63) Xylene (m+p)	9.07	91	4012	0.16 ppb BMDL	95
64) Styrene	0.00	104	0	N.D.	
65) Xylene (o)	0.00	91	0	N.D.	
66) Bromoform	0.00	173	0	N.D.	
67) Isopropylbenzene	9.97	105	341	N.D.	
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2185	~~0.25~~ ppb #	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.98	91	1007	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.97	105	341	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	11.12	134	431	~~0.10~~ ppb #	1
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	11.14	146	559	~~0.07~~ ppb #	1
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
85) n-Butylbenzene	11.12	91	766	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.37	128	845	~~1.24~~ ppb #	71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

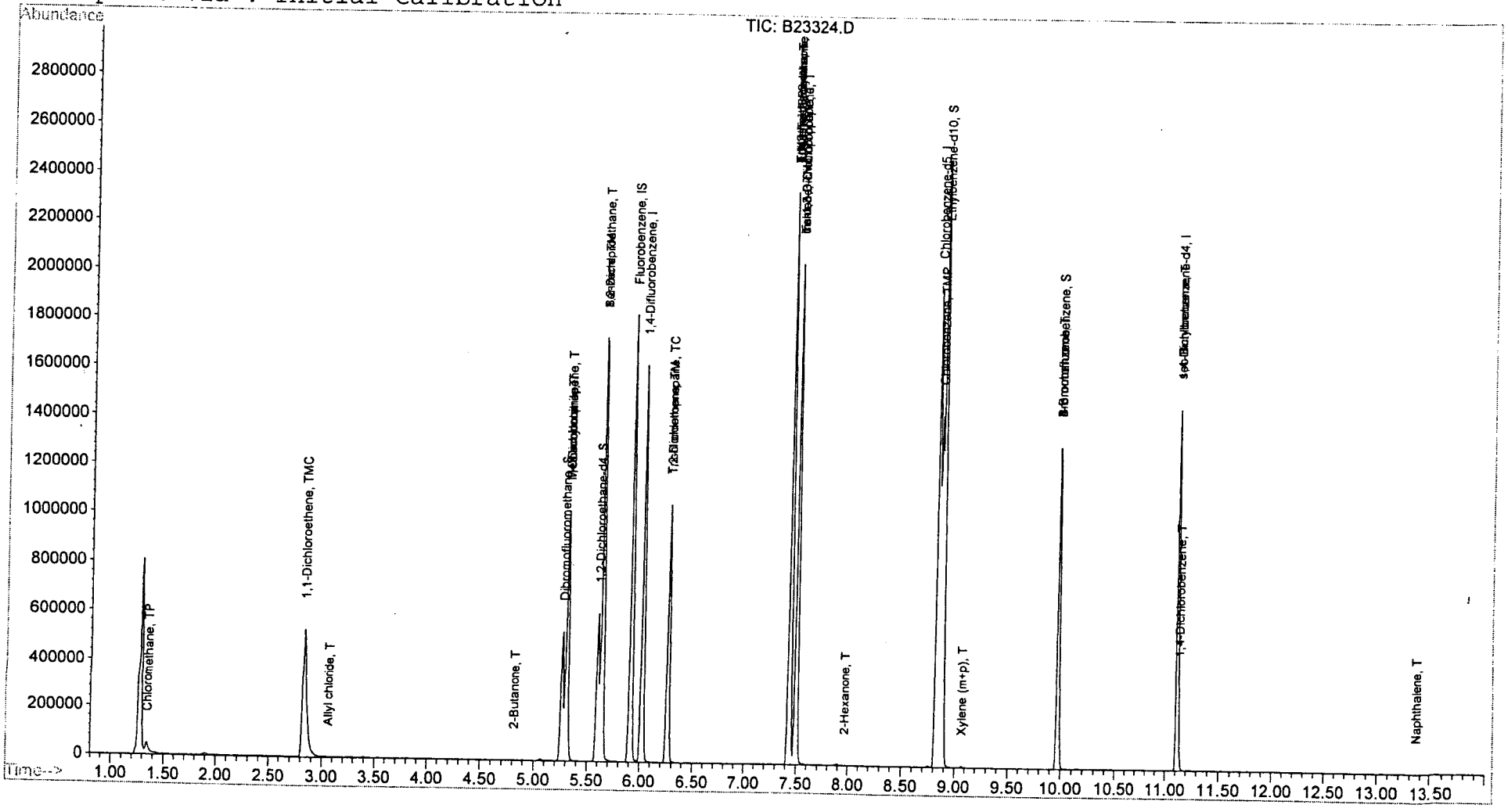
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
MS Integration Params: rteint.p
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration

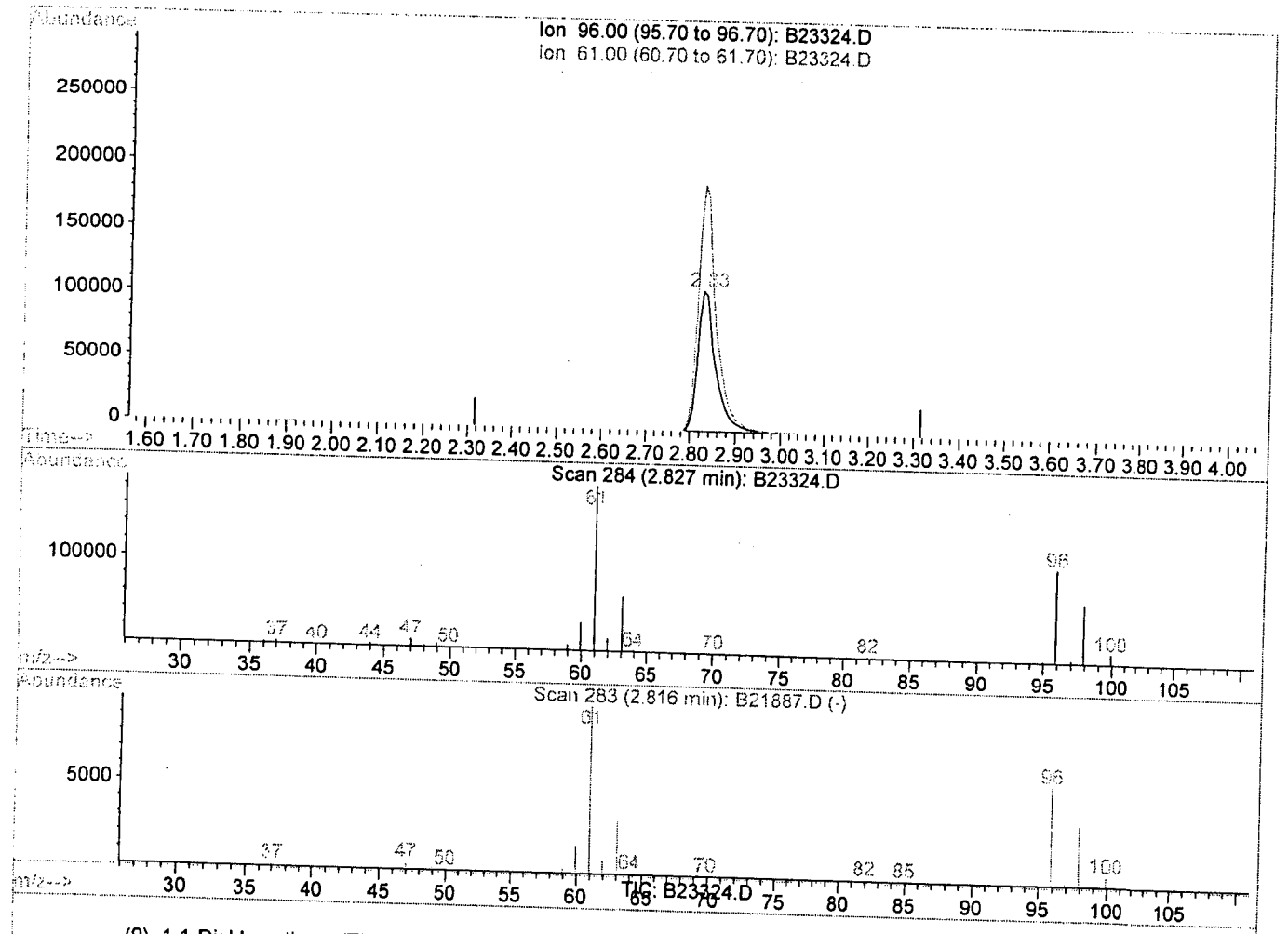


Quantitation Report

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(9) 1,1-Dichloroethene (TMC)

2.83min 45.56ppb

response 286768

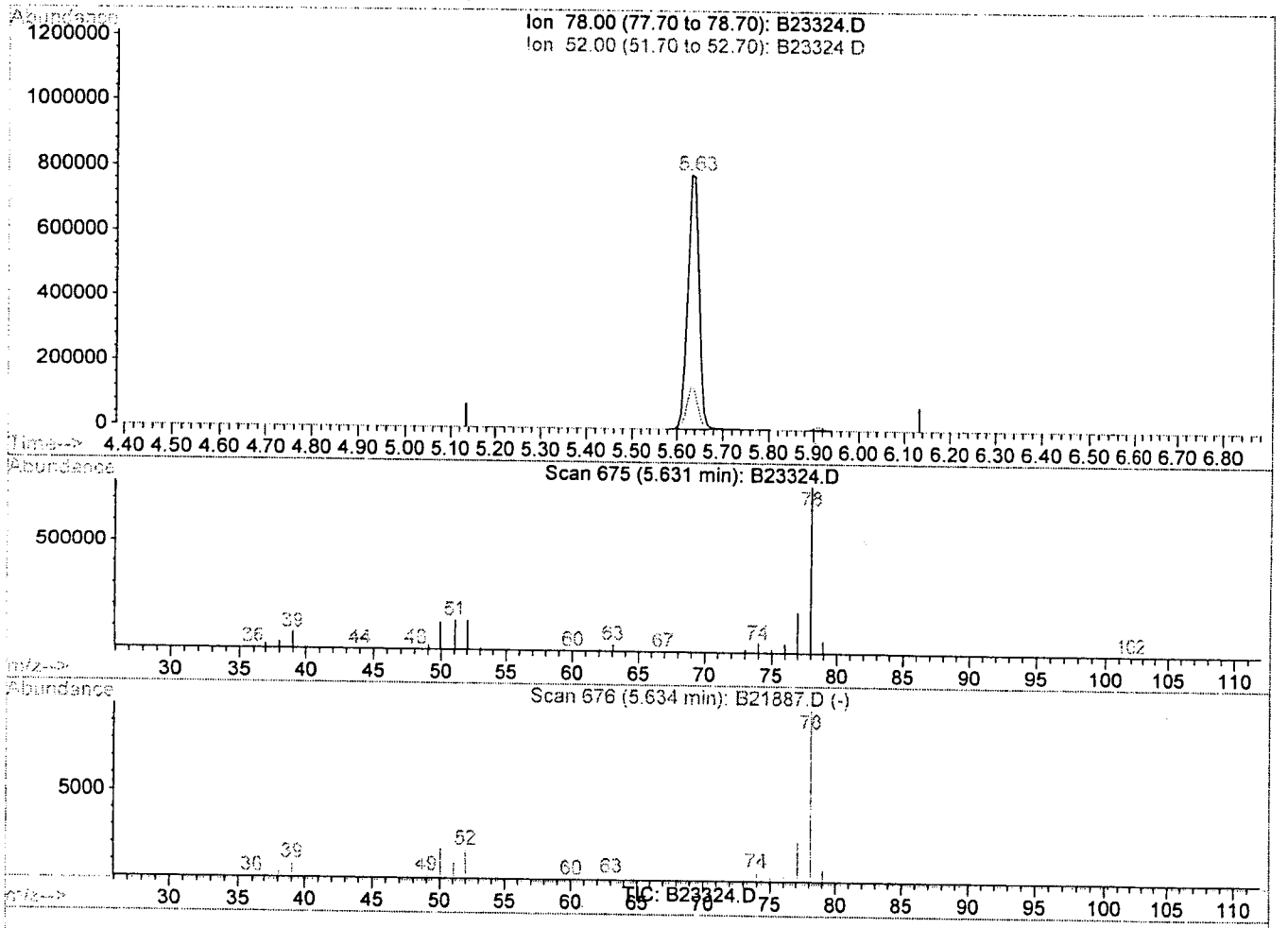
Ion	Exp%	Act%
96.00	100	100
61.00	173.00	175.97
63.00	56.20	57.81
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(37) Benzene (TM)

5.63min 49.48ppb

response 1331033

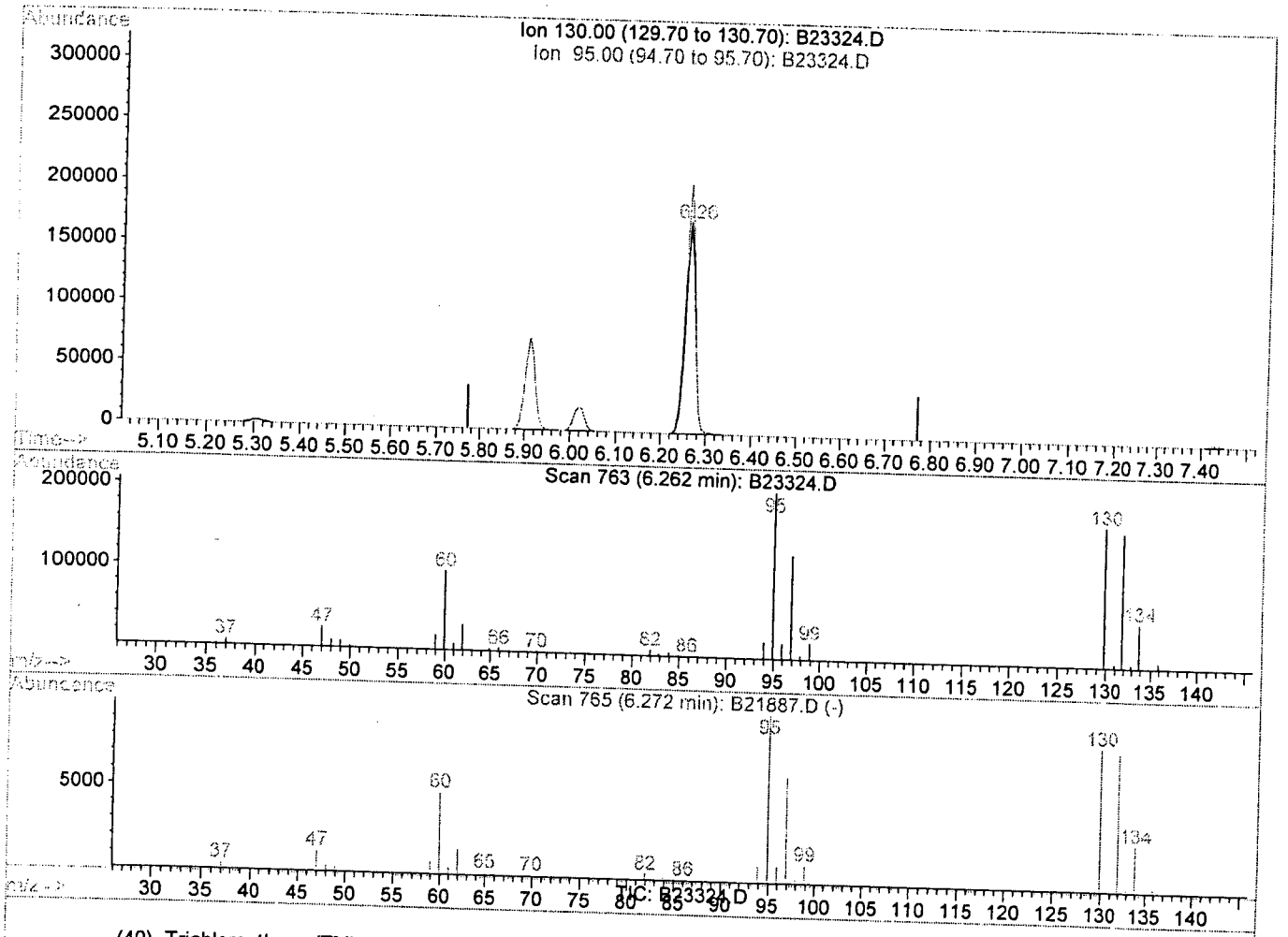
Ion	Exp%	Act%
78.00	100	100
52.00	17.00	16.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(40) Trichloroethene (TM)

6.26min 45.14ppb

response 261665

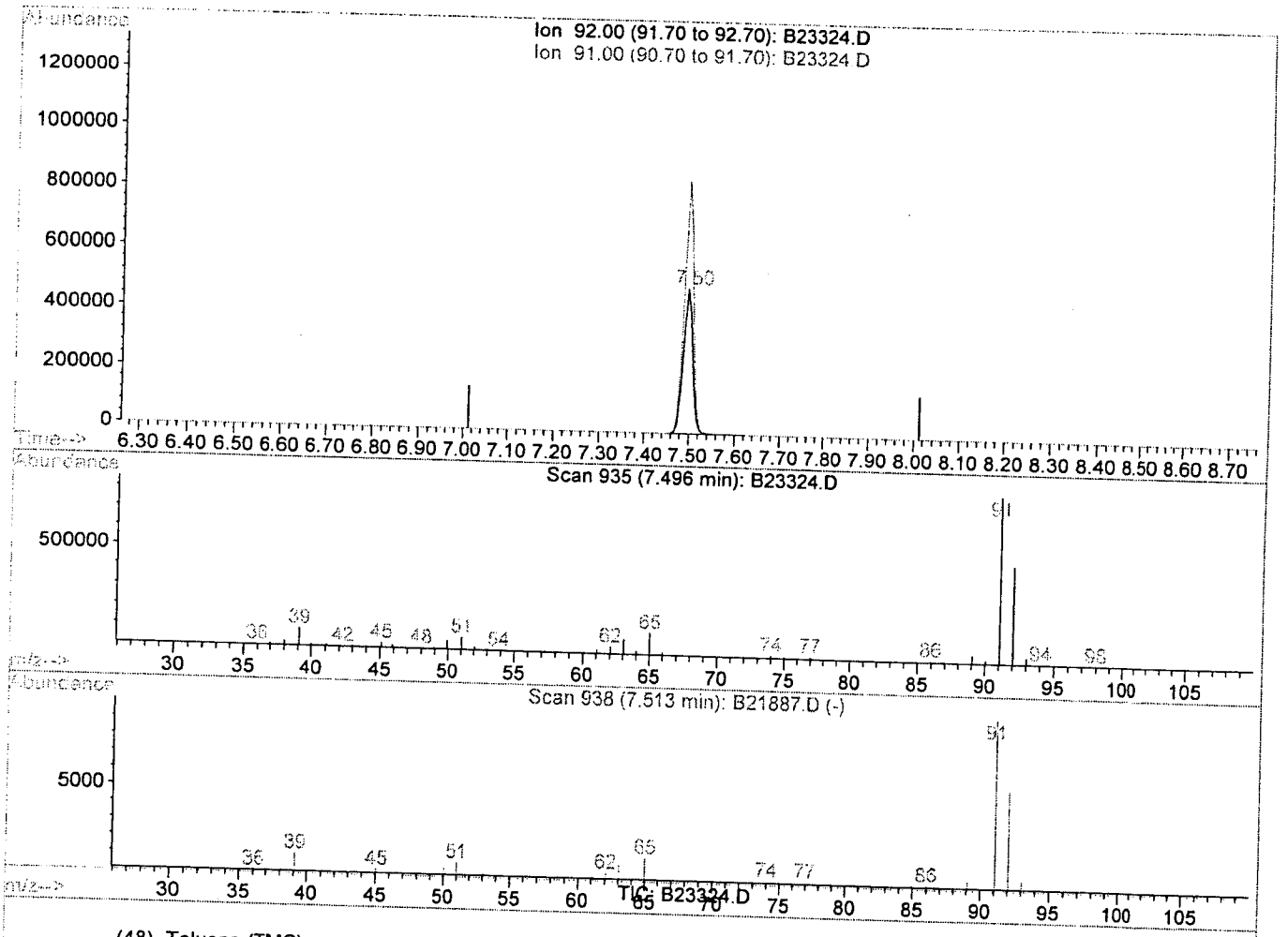
Ion	Exp%	Act%
130.00	100	100
95.00	120.90	118.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(48) Toluene (TMC)

7.50min 43.53ppb

response 722525

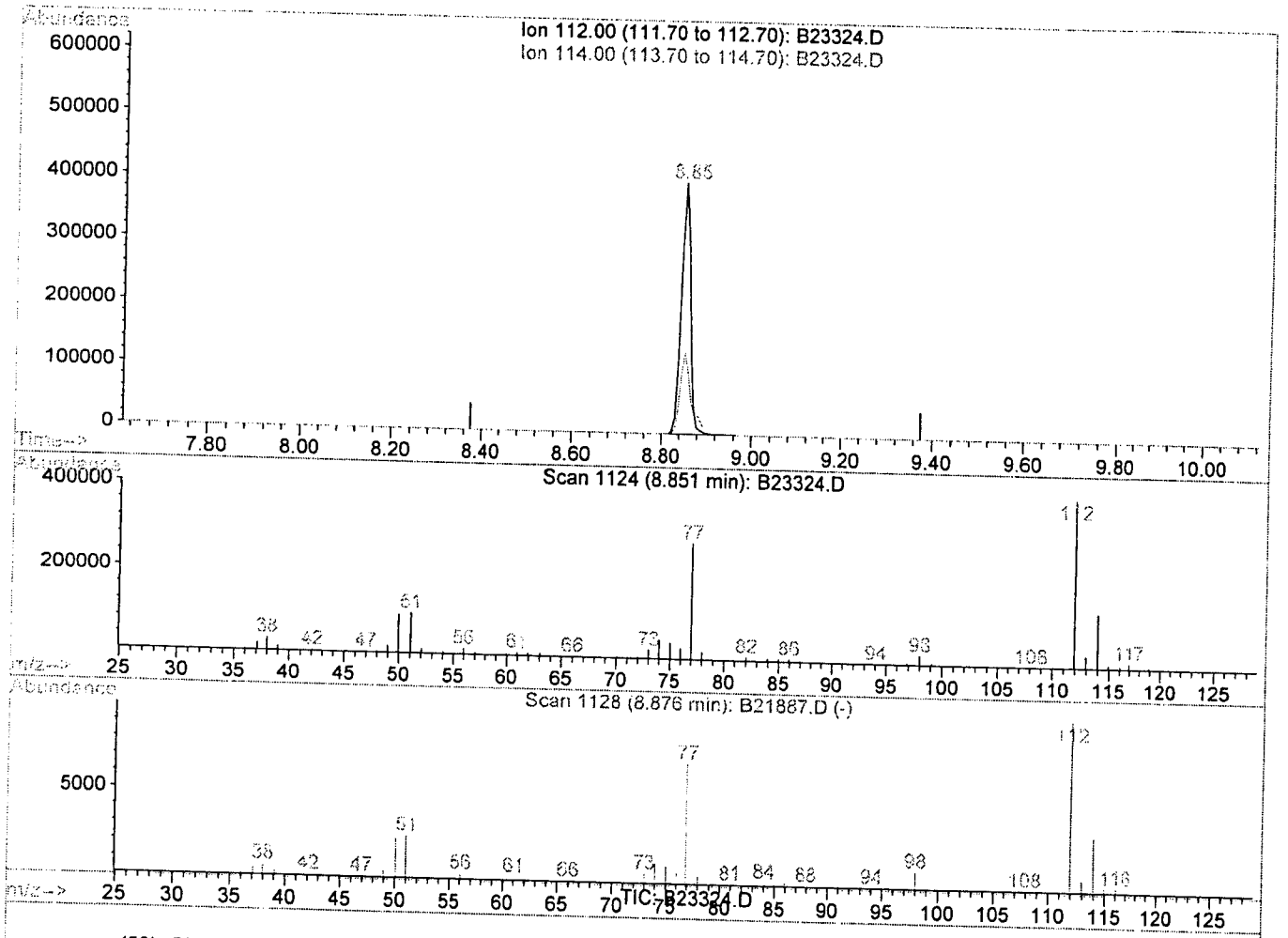
Ion	Exp%	Act%
92.00	100	100
91.00	170.50	170.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\HPDATA\050106\B23324.D
Acq On : 1 May 2006 16:27
Sample : 227779-19MSD JJ&G 3.742G
Misc : 128398 ISSS AKA-15
Quant Time: May 1 16:41 19106

Vial: 24
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Multiple Level Calibration



(59) Chlorobenzene (TMP)

8.85min 34.54ppb

response 572424

Ion	Exp%	Act%
112.00	100	100
114.00	42.30	39.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23334.D
Acq On : 1 May 2006 19:52
Sample : 227779-21 JJ&G 4.598G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:07 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/4.598/0.869) = 1.251357

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1169373	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	894726	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	732395	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	260684	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	258111	49.43 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	331342	45.39 ppb	0.00
58) Toluene-d8	7.44	98	1122668	54.44 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1420778	53.08 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	355536	60.96 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	405	~~0.06~~ ppb #	42
3) Chloromethane	1.34	50	255	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	157	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	2434	-6.51 ppb #	68
14) Methylene Chloride	3.39	84	777	-3.26 ppb #	77
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	157	0.05 ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.82	43	311	~~0.14~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23334.D
Acq On : 1 May 2006 19:52
Sample : 227779-21 JJ&G 4.598G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:07 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.30	67	1774	~~1.00~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.07	42	2636	-1.58 ppb	#	82
31) 1-Chlorobutane	5.31	56	11380	~~0.84~~ ppb	#	58
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	47915	~~4.86~~ ppb	#	63
37) Benzene	5.91	78	1385	~~0.06~~ ppb	#	1
38) 1,2-Dichloroethane	5.30	62	2427	~~0.30~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.44	58	10532	~~6.74~~ ppb	#	1
48) Toluene	7.49	92	1132	0.08 ppb BDL		100
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	24875	~~6.42~~ ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	3162	~~3.22~~ ppb	#	59
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	0.00	43	0	N.D.		
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.88	112	10833	~~0.76~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	9.07	91	1294	N.D.		
63) Xylene (m+p)	9.07	91	1294	~~0.06~~ ppb	#	70
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	0.00	105	0	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23334.D
Acq On : 1 May 2006 19:52
Sample : 227779-21 JJ&G 4.598G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:07 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	1851	~~0.26 ppb~~ #	27
72) 1,2,3-Trichloropropane	10.05	75	176	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.97	91	852	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
85) n-Butylbenzene	11.11	91	439	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.38	128	386	~~1.21 ppb~~ #	71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

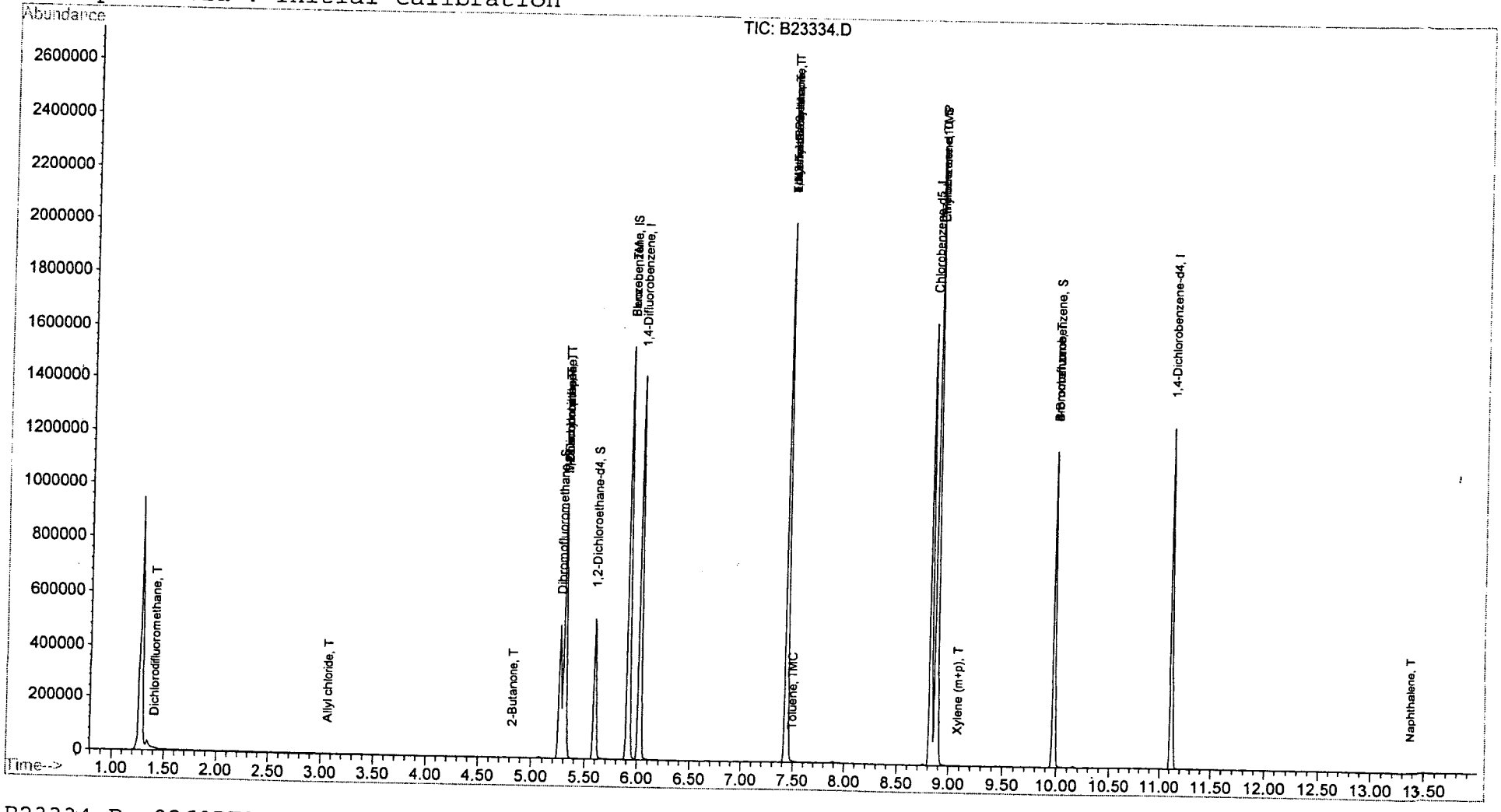
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23334.D
Acq On : 1 May 2006 19:52
Sample : 227779-21 JJ&G 4.598G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:07 19106

Vial: 34
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23336.D
Acq On : 1 May 2006 20:34
Sample : 227779-23 JJ&G 5.095G
Misc : 128398 ISSS
MS Integration Params: rteint.p 5.74
Quant Time: May 1 20:48 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

(5/5.095/0.9426) = 1.041141 ✓

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1262256	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	982717	50.00 ppb	-0.01
57) Chlorobenzene-d5	8.82	117	899330	50.00 ppb	-0.03
68) 1,4-Dichlorobenzene-d4	11.12	152	413387	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	282025	50.04 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	372094	47.23 ppb	0.00
58) Toluene-d8	7.43	98	1257193	49.64 ppb	-0.02
60) Ethylbenzene-d10	8.88	98	1670842	50.83 ppb	-0.03
70) 4-Bromofluorobenzene	9.98	95	495788	53.61 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	436	~~0.06~~ ppb	# 42
3) Chloromethane	1.34	50	873	~~0.08~~ ppb	# 43
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	204	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.93	43	2503	-6.61 ppb	# 80
14) Methylene Chloride	3.40	84	1261	-3.18 ppb	# 89
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.06	76	204	~~0.07~~ ppb	# 1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	361	~~0.15~~ ppb	# 49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23336.D
Acq On : 1 May 2006 20:34
Sample : 227779-23 JJ&G 5.095G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:48 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.31	67	1658	~~0.87~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.06	42	2981	-1.49 ppb	#	87
31) 1-Chlorobutane	5.30	56	12325	~~0.85~~ ppb	#	65
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	52821	~~4.97~~ ppb	#	60
37) Benzene	5.91	78	1446	~~0.06~~ ppb	#	1
38) 1,2-Dichloroethane	5.30	62	2519	~~0.29~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	11305	~~6.59~~ ppb	#	1
48) Toluene	7.50	92	760	N.D.		
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	33300	~~7.82~~ ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	4098	~~3.31~~ ppb	#	81
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	0.00	43	0	N.D.		
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.87	112	11596	~~0.66~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	8.95	91	152	N.D.		
63) Xylene (m+p)	9.07	91	1139	N.D.		
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.98	105	422	N.D.		
69) 1,4-Dichloro-2-Butene	0.00	53	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23336.D
Acq On : 1 May 2006 20:34
Sample : 227779-23 JJ&G 5.095G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:48 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2764	~~0.24~~ ppb	# 27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74) n-Propylbenzene	9.98	91	1361	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.98	105	422	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	11.52	146	179	N.D.	
85) n-Butylbenzene	11.12	91	1018	N.D.	
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.	
88) Nitrobenzene	0.00	77	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Naphthalene	13.37	128	566	~~1.20~~ ppb	# 71
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

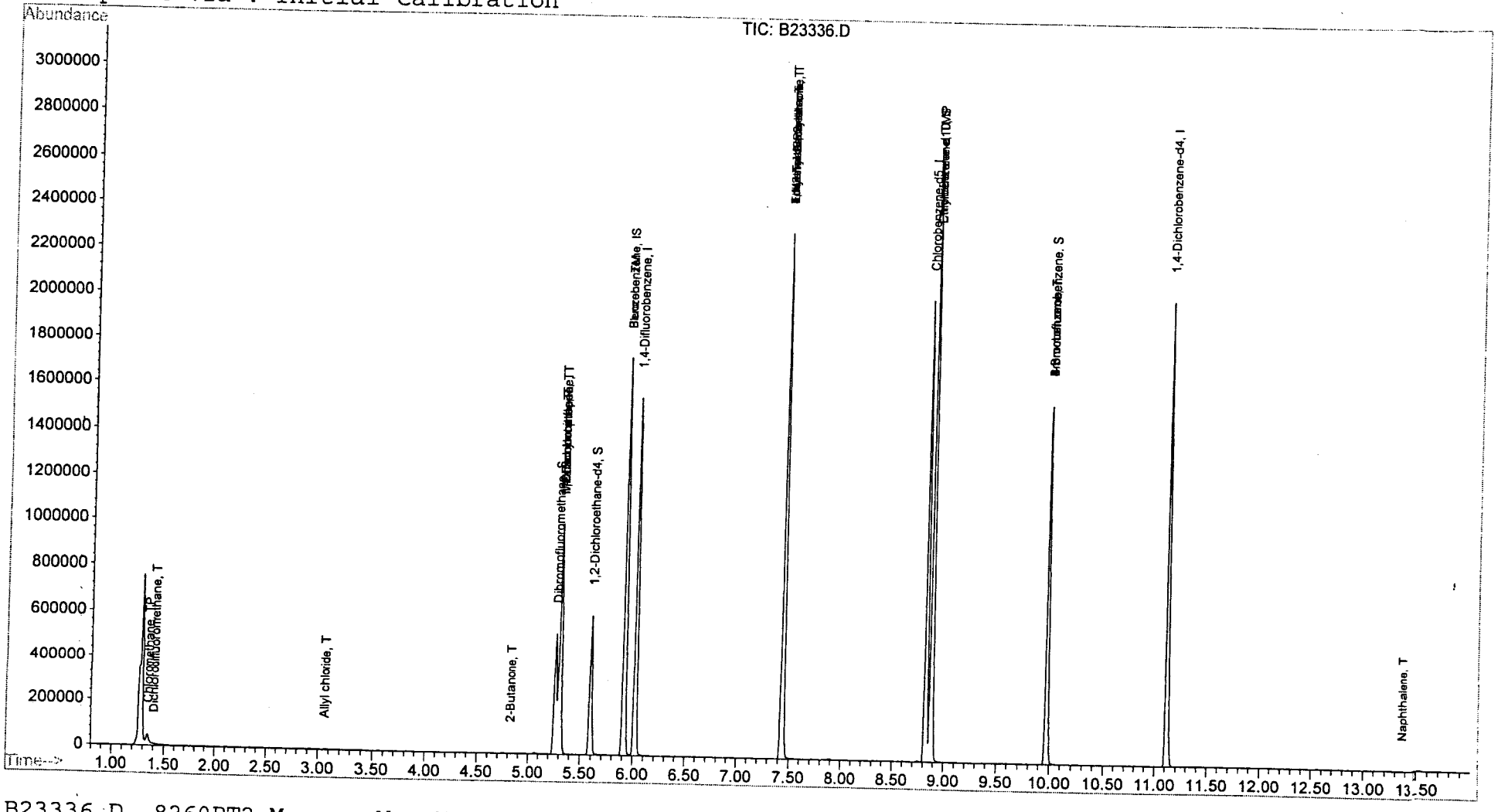
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23336.D
Acq On : 1 May 2006 20:34
Sample : 227779-23 JJ&G 5.095G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 20:48 19106

Vial: 36
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23338.D
Acq On : 1 May 2006 21:15
Sample : 227779-25 JJ&G 4.779G
Misc : 128398 ISSS
MS Integration Params: rteint.p 12.2
Quant Time: May 1 21:29 19106

Vial: 38
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

CHECKED BY
ENTERED BY
REVIEWED BY

(5/4.779/0.878) = 1.191621

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1208995	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	939285	50.00 ppb	0.00
57) Chlorobenzene-d5	8.83	117	799846	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.11	152	302588	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.26	111	266271	49.32 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	346360	45.90 ppb	0.00
58) Toluene-d8	7.44	98	1160165	51.51 ppb	-0.01
60) Ethylbenzene-d10	8.88	98	1420146	48.58 ppb	-0.03
70) 4-Bromofluorobenzene	9.97	95	406421	60.04 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	530	~~0.08~~ ppb #	42
3) Chloromethane	1.57	50	160	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.05	76	305	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	12082	1.79 ppb BRDL	90
14) Methylene Chloride	3.39	84	1577	-3.11 ppb	83
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	3.05	76	305	~~0.10~~ ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	1137	~~0.51~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23338.D
Acq On : 1 May 2006 21:15
Sample : 227779-25 JJ&G 4.779G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 21:29 19106

Vial: 38
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.31	67	1280	~~0.70~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.05	42	2886	-1.47 ppb	#	80
31) 1-Chlorobutane	5.31	56	11660	~~0.84~~ ppb	#	60
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	49518	~~4.86~~ ppb	#	60
37) Benzene	5.91	78	1252	~~0.05~~ ppb	#	1
38) 1,2-Dichloroethane	5.31	62	2248	~~0.27~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	0.00	41	0	N.D.		
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	0.00	41	0	N.D.		
47) 4-Methyl-2-Pentanone	7.44	58	10624	~~6.47~~ ppb	#	1
48) Toluene	7.49	92	959	0.06 ppb BMOL		98
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	30956	~~7.60~~ ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.44	69	3956	~~3.31~~ ppb	#	80
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	0.00	43	0	N.D.		
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.88	112	10793	~~0.69~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	8.95	91	396	N.D.		
63) Xylene (m+p)	9.06	91	818	N.D.		
64) Styrene	0.00	104	0	N.D.		
65) Xylene (o)	0.00	91	0	N.D.		
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.97	105	188	N.D.		
69) 1,4-Dichloro-2-Butene	10.12	53	324	~~0.29~~ ppb	#	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23338.D
Acq On : 1 May 2006 21:15
Sample : 227779-25 JJ&G 4.779G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 21:29 19106

Vial: 38
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Bromobenzene	9.97	77	2197	~~0.26~~ ppb #	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.12	83	984	~~0.25~~ ppb #	19
74) n-Propylbenzene	9.97	91	1212	N.D.	
75) 2-Chlorotoluene	0.00	126	0	N.D.	
76) 4-Chlorotoluene	0.00	126	0	N.D.	
77) 1,3,5-Trimethylbenzene	9.97	105	188	N.D.	
78) tert-Butylbenzene	0.00	119	0	N.D.	
79) sec-Butylbenzene	0.00	134	0	N.D.	
80) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
82) 1,4-Dichlorobenzene	11.13	146	153	N.D.	
83) Isopropyltoluene	0.00	119	0	N.D.	
84) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
85) n-Butylbenzene	11.47	91	2396	~~0.13~~ ppb #	54
86) Hexachloroethane	0.00	201	0	N.D.	
87) 1,2-Dibromo-3-chloropropan	12.14	75	160	~~3.08~~ ppb #	19
88) Nitrobenzene	12.48	77	1352	~~17.17~~ ppb	92
89) 1,2,4-Trichlorobenzene	13.08	180	839	~~0.18~~ ppb #	1
90) Naphthalene	~~12.91~~	128	2864	~~1.44~~ ppb	97
91) Hexachlorobutadiene	0.00	190	0	N.D.	
92) 1,2,3-Trichlorobenzene	13.40	180	4898	~~1.11~~ ppb	93

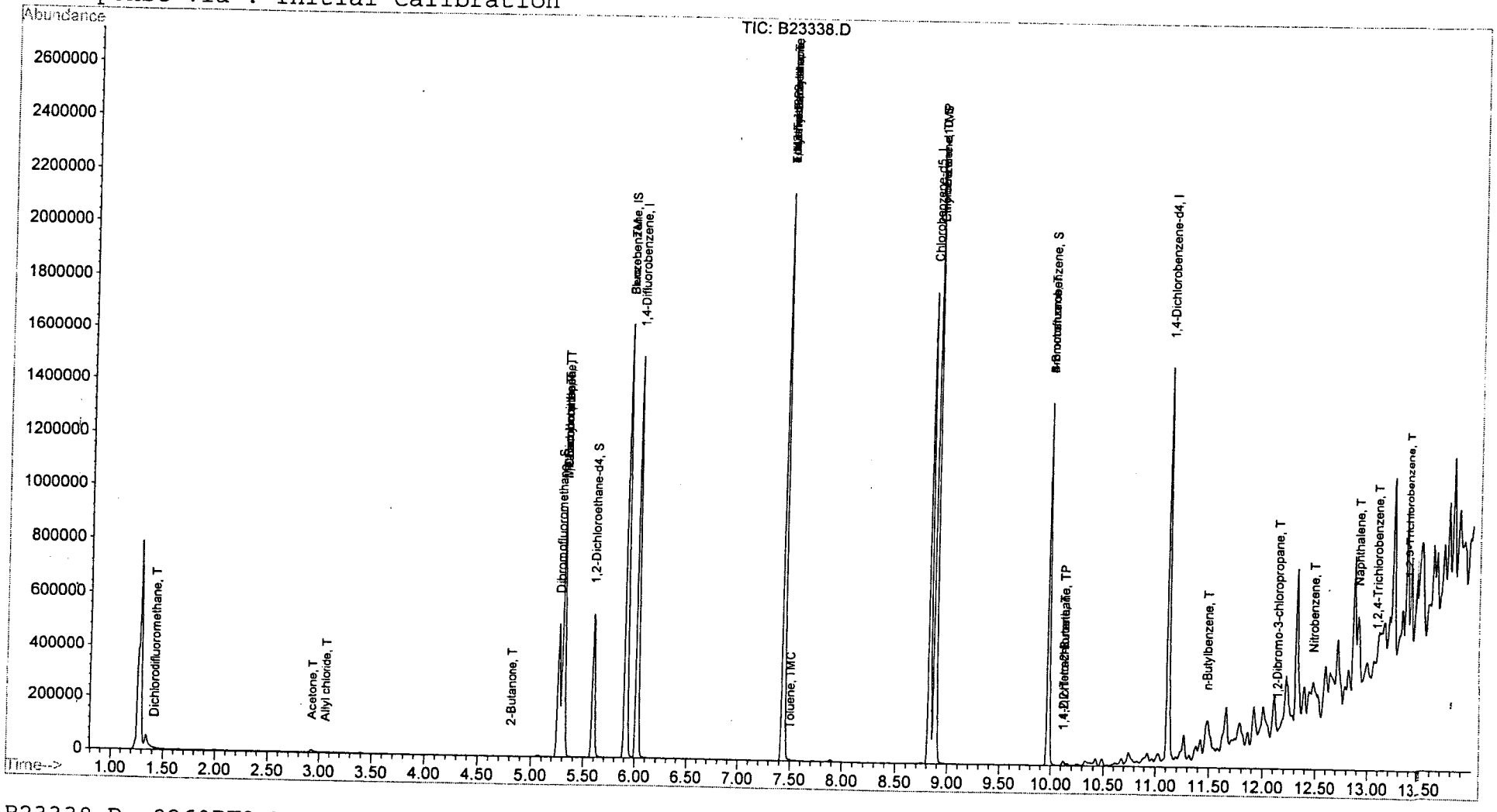
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23338.D
Acq On : 1 May 2006 21:15
Sample : 227779-25 JJ&G 4.779G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 21:29 19106

Vial: 38
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23340.D
Acq On : 1 May 2006 21:56
Sample : 227779-27 JJ&G 4.641G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 22:10 19106

Vial: 40
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

9.24

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2 5/3/06

(5/4.641/0.99076) = 1.1870361

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1033773	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	799373	50.00 ppb	0.00
57) Chlorobenzene-d5	8.82	117	733486	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.12	152	320164	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.27	111	224161	48.56 ppb	0.00
36) 1,2-Dichloroethane-d4	5.60	65	292536	45.33 ppb	0.00
58) Toluene-d8	7.43	98	1027222	49.74 ppb	-0.02
60) Ethylbenzene-d10	8.88	98	1335568	49.82 ppb	-0.02
70) 4-Bromofluorobenzene	9.97	95	393048	54.87 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.41	85	360	~~0.06~~ ppb #	42
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	0.00	76	0	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	2711	-5.94 ppb #	54
14) Methylene Chloride	3.40	84	1133	-3.16 ppb #	80
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	0.00	53	0	N.D.	
17) Methyl-tert-butyl Ether	0.00	73	0	N.D.	
18) Allyl chloride	0.00	76	0	N.D.	
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	0.00	43	0	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	368	~~0.19~~ ppb #	49
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23340.D
Acq On : 1 May 2006 21:56
Sample : 227779-27 JJ&G 4.641G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 22:10 19106

Vial: 40
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.30	67	1384	~~0.88~~ ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.07	42	2723	-1.26 ppb	#	83
31) 1-Chlorobutane	5.30	56	10910	0.91 ppb	#	68
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.30	75	42639	~~4.90~~ ppb	#	60
37) Benzene	5.91	78	1170	~~0.06~~ ppb	#	1
38) 1,2-Dichloroethane	5.31	62	2207	~~0.31~~ ppb	#	1
40) Trichloroethene	0.00	130	0	N.D.		
41) 1,2-Dichloropropane	0.00	63	0	N.D.		
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	7.04	41	164	~~9.14~~ ppb	#	90
45) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
46) Methyl methacrylate	6.66	41	155	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	9444	~~6.76~~ ppb	#	1
48) Toluene	7.49	92	1159	0.09 ppb	# BMDL	67
49) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
50) 1,1,2-Trichloroethane	7.44	97	25195	~~7.27~~ ppb	#	15
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.82	69	567	~~2.82~~ ppb	#	26
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	8.43	129	152	~~2.76~~ ppb	#	11
55) 2-Hexanone	8.15	43	584	~~0.23~~ ppb	#	32
56) 1,2-Dibromoethane	8.38	107	343	~~0.10~~ ppb	#	1
59) Chlorobenzene	8.87	112	7055	~~0.50~~ ppb	#	1
61) 1,1,1,2-Tetrachloroethane	8.75	131	157	N.D.		
62) Ethylbenzene	8.94	91	293	N.D.		
63) Xylene (m+p)	9.07	91	1709	~~0.08~~ ppb	#	85
64) Styrene	9.55	104	180	N.D.		
65) Xylene (o)	9.45	91	305	N.D.		
66) Bromoform	9.59	173	176	~~4.04~~ ppb	#	29
67) Isopropylbenzene	9.97	105	1523	~~0.07~~ ppb		99
69) 1,4-Dichloro-2-Butene	10.17	53	424	~~0.36~~ ppb	#	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23340.D
Acq On : 1 May 2006 21:56
Sample : 227779-27 JJ&G 4.641G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 22:10 19106

Vial: 40
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71) Bromobenzene	10.11	77	456	~~0.05~~ ppb	#	27
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.		
73) 1,1,2,2-Tetrachloroethane	10.26	83	273	~~0.06~~ ppb		93
74) n-Propylbenzene	10.30	91	939	N.D.		
75) 2-Chlorotoluene	0.00	126	0	N.D.		
76) 4-Chlorotoluene	0.00	126	0	N.D.		
77) 1,3,5-Trimethylbenzene	10.40	105	1756	~~0.10~~ ppb		92
78) tert-Butylbenzene	10.70	119	1534	~~0.10~~ ppb	#	77
79) sec-Butylbenzene	11.15	134	175	N.D.		
80) 1,2,4-Trimethylbenzene	10.82	105	321	N.D.		
81) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
82) 1,4-Dichlorobenzene	11.14	146	193	N.D.		
83) Isopropyltoluene	11.12	119	694	N.D.		
84) 1,2-Dichlorobenzene	11.52	146	570	~~0.07~~ ppb		99
85) n-Butylbenzene	11.74	91	725	N.D.		
86) Hexachloroethane	0.00	201	0	N.D.		
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88) Nitrobenzene	12.53	77	656	6.24 ppb	#	39
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90) Naphthalene	13.38	128	1886	1.34 ppb	#	71
91) Hexachlorobutadiene	13.18	190	355	~~0.22~~ ppb	#	1
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

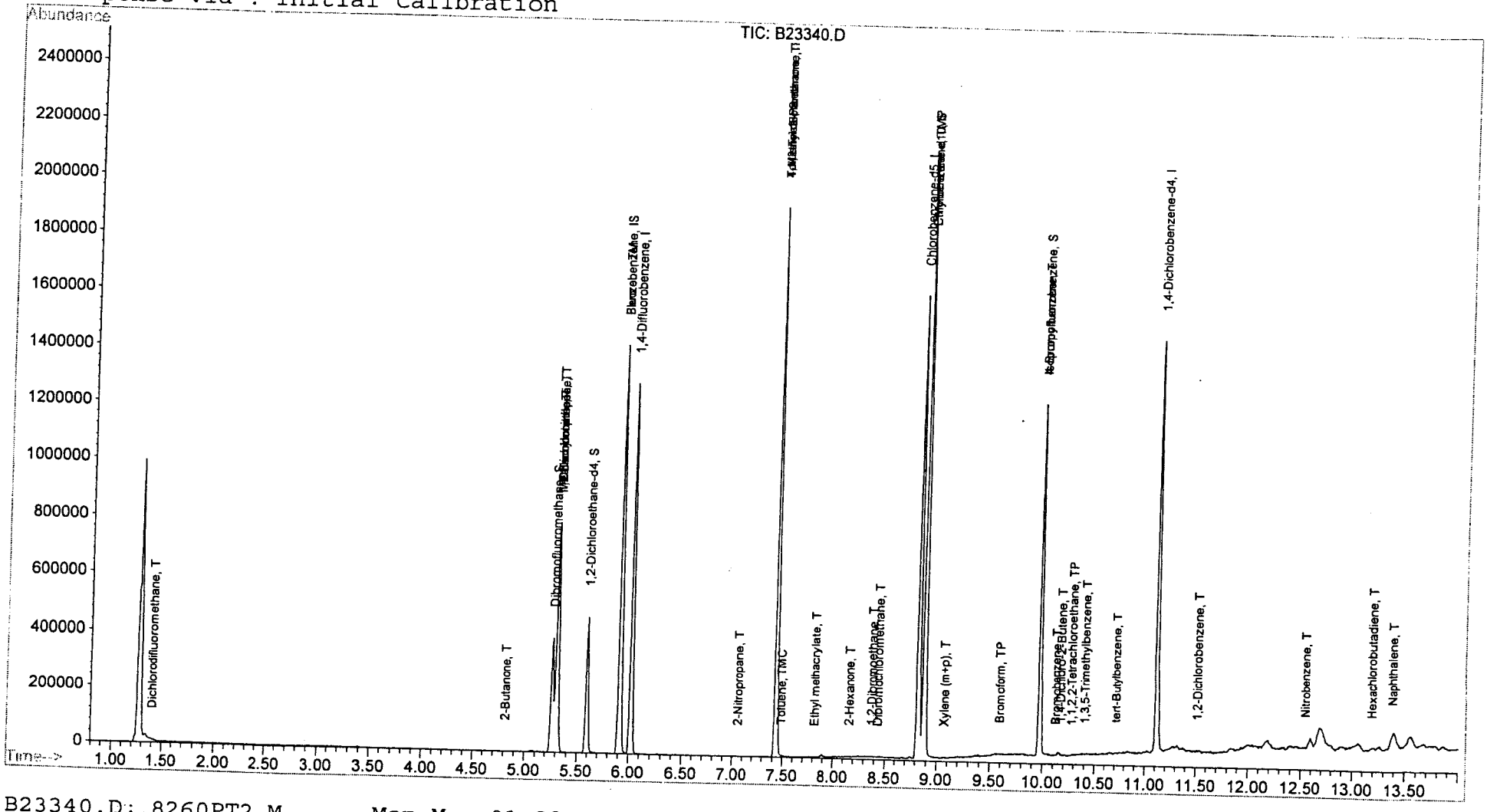
(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23340.D
Acq On : 1 May 2006 21:56
Sample : 227779-27 JJ&G 4.641G
Misc : 128398 ISSS
MS Integration Params: rteint.p
Quant Time: May 1 22:10 19106

Vial: 40
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration



B23340.D: 8260PT2.M Mon May 01 22:10:34 2006

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23310.D
Acq On : 1 May 2006 11:38
Sample : LCS- 128398
Misc : ISSS+MS MIX 50PPB
MS Integration Params: rteint.p
Quant Time: May 1 11:52 19106

Vial: 10
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

CHECKED BY
ENTERED BY
REVIEWED BY

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	5.91	96	1272060	50.00 ppb	0.00
39) 1,4-Difluorobenzene	6.02	114	978607	50.00 ppb	-0.01
57) Chlorobenzene-d5	8.82	117	877645	50.00 ppb	-0.02
68) 1,4-Dichlorobenzene-d4	11.12	152	401445	50.00 ppb	-0.03
System Monitoring Compounds					
32) Dibromofluoromethane	5.27	111	271382	47.78 ppb	0.00
36) 1,2-Dichloroethane-d4	5.59	65	344145	43.34 ppb	0.00
58) Toluene-d8	7.43	98	1246790	50.45 ppb	-0.02
60) Ethylbenzene-d10	8.88	98	1634970	50.97 ppb	-0.02
70) 4-Bromofluorobenzene	9.97	95	473834	52.76 ppb	-0.03
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.56	50	949	0.09 ppb #	43
4) Vinyl Chloride	1.67	62	1590	0.17 ppb	91
5) Bromomethane	1.95	94	152	0.07 ppb #	84
6) Chloroethane	1.90	64	323	0.06 ppb #	42
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Diethyl Ether	0.00	74	0	N.D.	
9) 1,1-Dichloroethene	2.83	96	243155	39.72 ppb	99
10) Acrolein	0.00	56	0	N.D.	
11) Carbon Disulfide	3.06	76	5405	0.27 ppb #	76
12) Iodomethane	0.00	142	0	N.D.	
13) Acetone	2.92	43	3733	-5.62 ppb #	83
14) Methylene Chloride	3.39	84	598	-3.30 ppb #	45
15) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
16) Acrylonitrile	3.71	53	151	0.08 ppb #	10
17) Methyl-tert-butyl Ether	3.69	73	172	N.D.	
18) Allyl chloride	3.06	76	5405	1.74 ppb #	1
19) 1,1-Dichloroethane	0.00	63	0	N.D.	
20) Vinyl Acetate	4.23	43	363	N.D.	
21) 2,2-Dichloropropane	0.00	77	0	N.D.	
22) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
23) 2-Butanone	4.81	43	1746	0.74 ppb #	70
24) Methyl Acrylate	0.00	55	0	N.D.	
25) Bromochloromethane	0.00	130	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23310.D
Acq On : 1 May 2006 - 11:38
Sample : LCS-
Misc : ISSS+MS MIX 50PPB
MS Integration Params: rteint.p
Quant Time: May 1 11:52 19106

Vial: 10
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26) Propionitrile	0.00	54	0	N.D.		
27) Chloroform	0.00	83	0	N.D.		
28) Methacrylonitrile	5.31	67	1745	0.91 ppb	#	1
29) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
30) Tetrahydrofuran	5.06	42	6442	0.79 ppb	#	85
31) 1-Chlorobutane	5.37	56	730	N.D.		
33) 2-Chloroethylvinyl ether	0.00	63	0	N.D.		
34) Carbon Tetrachloride	0.00	119	0	N.D.		
35) 1,1-Dichloropropene	5.31	75	53063	4.95 ppb	#	61
37) Benzene	5.64	78	1313028	50.18 ppb		100
38) 1,2-Dichloroethane	5.63	62	11193	1.27 ppb	#	78
40) Trichloroethene	6.26	130	276352	48.78 ppb		98
41) 1,2-Dichloropropane	6.26	63	930	0.15 ppb	#	88
42) Dibromomethane	0.00	174	0	N.D.		
43) Bromodichloromethane	0.00	83	0	N.D.		
44) 2-Nitropropane	6.61	41	182	9.12 ppb	#	90
45) cis-1,3-Dichloropropene	7.50	75	10060	3.50 ppb	#	1
46) Methyl methacrylate	6.61	41	182	N.D.		
47) 4-Methyl-2-Pentanone	7.43	58	11892	6.96 ppb	#	1
48) Toluene	7.50	92	784018	48.33 ppb		100
49) trans-1,3-Dichloropropene	7.50	75	10060	4.32 ppb	#	1
50) 1,1,2-Trichloroethane	7.44	97	33367	7.87 ppb	#	14
51) Tetrachloroethene	0.00	164	0	N.D.		
52) Ethyl methacrylate	7.80	69	453	2.79 ppb	#	26
53) 1,3-Dichloropropane	0.00	76	0	N.D.		
54) Dibromochloromethane	0.00	129	0	N.D.		
55) 2-Hexanone	8.15	43	527	0.17 ppb	#	32
56) 1,2-Dibromoethane	0.00	107	0	N.D.		
59) Chlorobenzene	8.85	112	736314	43.19 ppb		93
61) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
62) Ethylbenzene	8.95	91	3284	0.10 ppb	#	76
63) Xylene (m+p)	9.07	91	9404	0.38 ppb		87
64) Styrene	9.47	104	1206	0.07 ppb	#	56
65) Xylene (o)	9.45	91	1357	0.06 ppb		92
66) Bromoform	0.00	173	0	N.D.		
67) Isopropylbenzene	9.81	105	759	N.D.		
69) 1,4-Dichloro-2-Butene	10.18	53	152	0.10 ppb	#	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPDATA\050106\B23310.D
Acq On : 1 May 2006 11:38
Sample : LCS-
Misc : ISSS+MS MIX 50PPB
MS Integration Params: rteint.p
Quant Time: May 1 11:52 19106

Vial: 10
Operator: VOA2
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration
DataAcq Meth : 8260PT2

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
71) Bromobenzene	10.12	77	949	0.09 ppb	#	80
72) 1,2,3-Trichloropropane	0.00	75	0	N.D.		
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74) n-Propylbenzene	10.22	91	1615	N.D.		
75) 2-Chlorotoluene	10.31	126	156	N.D.		
76) 4-Chlorotoluene	10.41	126	198	N.D.		
77) 1,3,5-Trimethylbenzene	10.40	105	1045	N.D.		
78) tert-Butylbenzene	10.72	119	600	N.D.		
79) sec-Butylbenzene	0.00	134	0	N.D.		
80) 1,2,4-Trimethylbenzene	10.77	105	3110	0.14 ppb		90
81) 1,3-Dichlorobenzene	11.05	146	1290	0.12 ppb	#	85
82) 1,4-Dichlorobenzene	11.14	146	1899	0.17 ppb	#	1
83) Isopropyltoluene	11.08	119	771	N.D.		
84) 1,2-Dichlorobenzene	11.51	146	1525	0.16 ppb		88
85) n-Butylbenzene	11.49	91	1847	0.08 ppb	#	54
86) Hexachloroethane	0.00	201	0	N.D.		
87) 1,2-Dibromo-3-chloropropan	0.00	75	0	N.D.		
88) Nitrobenzene	0.00	77	0	N.D.		
89) 1,2,4-Trichlorobenzene	13.12	180	1997	0.33 ppb		90
90) Naphthalene	13.38	128	10632	1.93 ppb		99
91) Hexachlorobutadiene	0.00	190	0	N.D.		
92) 1,2,3-Trichlorobenzene	13.61	180	1946	0.33 ppb		90

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPDATA\050106\B23310.D
Acq On : 1 May 2006 11:38
Sample : LCS-
Misc : ISSS+MS MIX 50PPB
MS Integration Params: rteint.p
Quant Time: May 1 11:52 19106

Vial: 10
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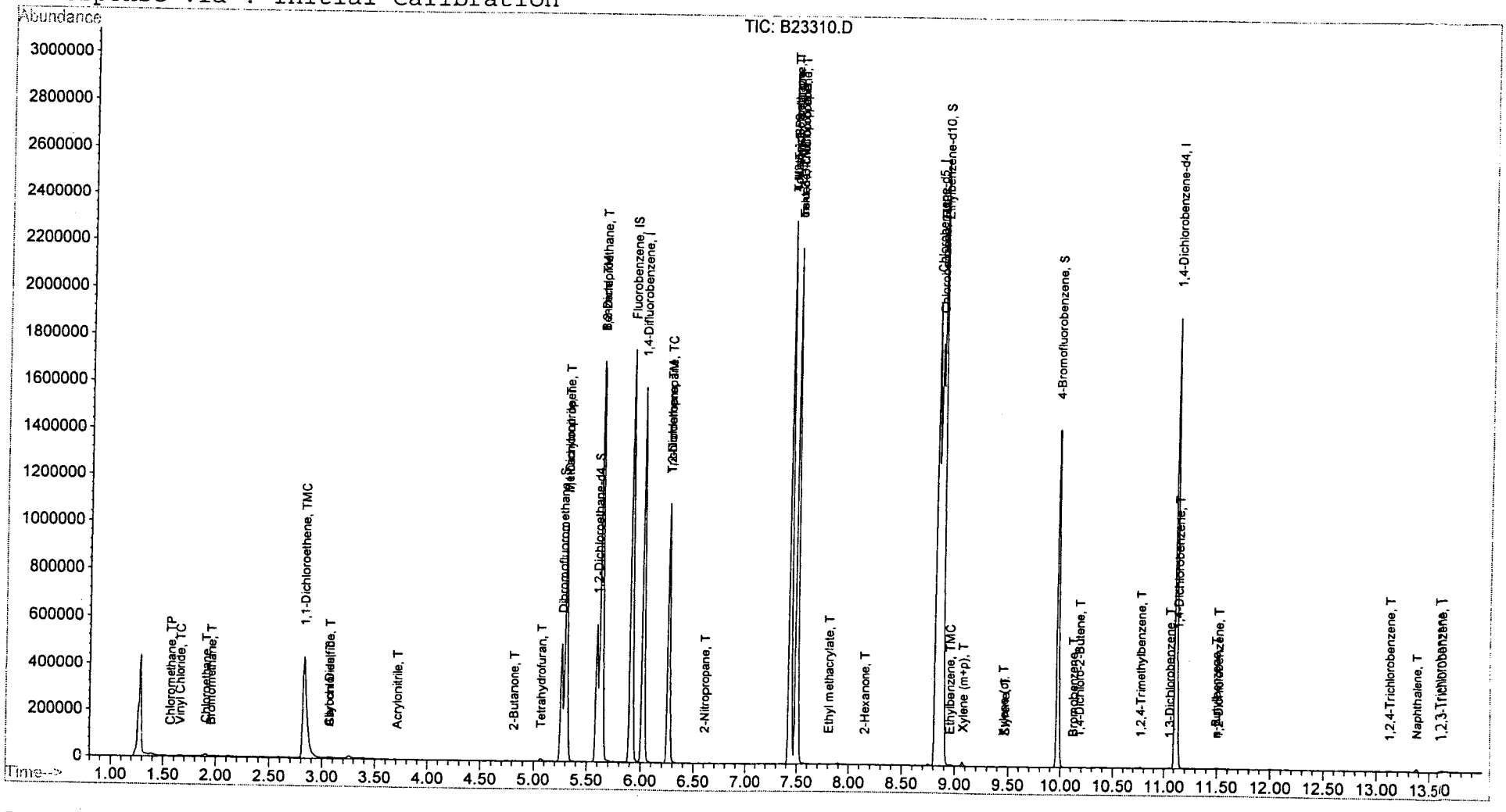
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8260PT2.RES

Method : C:\HPCHEM\1\METHODS\8260PT2.M (RTE Integrator)
Title : SW-846 Method 8260/624
Last Update : Mon Mar 27 10:16:12 2006
Response via : Initial Calibration