ENVIRON

SDMS Document
122560

July 3, 2006

Mr. Keith Bogatch, P.E.
Land Development Manager
K. Hovnanian Companies, LLC
110 Fieldcrest Avenue CN 7825
Edison, NJ 08818-7825

Re: Supplemental Coal Tar Delineation Report
City Place at the Promenade - Building 700 Area
Borough of Edgewater, Bergen County, New Jersey

Dear Mr. Bogatch:

ENVIRON International Corp. ("ENVIRON") is pleased to provide you with this supplemental coal tar delineation report which summarizes the findings of the additional delineation activities performed between May 16, 2006 and June 14, 2006 at the City Place at the Promenade - Building 700 Area. The City Place at the Promenade – Building 700 Area is located at 225 River Road in the Borough of Edgewater, Bergen County, New Jersey ("Site").

The purpose of the supplemental delineation activities were to determine the extent of the coal tar plume in areas not investigated during the initial activities performed by ENVIRON between January 26, 2006 and February 3, 2006. The findings of the initial investigation performed by ENVIRON were summarized in a report dated March 2006 (March 2006 Coal Tar Delineation Report). As stated in the March 2006 Coal Tar Delineation Report, some areas of the Site could not be investigated due to the presence of physical constraints (i.e., the existing parking deck structure and materials stockpile area). In addition to the supplemental coal tar delineation activities, field investigations were conducted to delineate the extent of sweet chemical and/or mothball odors identified in the southwestern portion of the Site during the initial delineation activities at the SS-13 soil boring line.

Consistent with the initial delineation performed between January 26, 2006 and February 3, 2006, the supplemental delineation activities were performed in accordance with Section C.1 of Specifications for the Construction of the Coal Tar Plume Control System ("Technical Specifications", ENVIRON, December 2005), as approved by the New Jersey Department of Environmental Protection (NJDEP) on November 17, 2005.

1.0 BACKGROUND

As summarized in the Engineering Design Report (ENVIRON, July 2005), the extent of the coal tar plume along the southern portion of the Site was initially delineated by GeoSyntec, Inc. in 2000. The NJDEP subsequently expressed concerns regarding the potential migration of the coal tar plume into the proposed footprint of Building 700.

To address the NJDEP's concerns, EWMA performed investigations in 2003 and 2004 to delineate the presence of the coal tar plume in this area. Based on the results of these investigations, EWMA refined the coal tar delineation line produced by GeoSyntec. The EWMA coal tar line is depicted on the attached **Drawing 1**. EWMA concluded that the coal tar plume did not extend into the proposed footprint of Building 700.

In a letter dated March 10, 2005, the USEPA subsequently raised concerns regarding the extent of the EWMA coal tar plume. On November 30, 2005, the NJDEP issued a letter to Edgewater Enterprises rescinding the approval of the EWMA coal tar line and required further delineation. Consequently, K. Hovnanian retained ENVIRON to conduct additional delineation activities to address the USEPA's concerns. As summarized in the March 9, 2006 Coal Tar Delineation Report, additional delineation activities performed by ENVIRON revealed that the coal tar plume extends into areas of the Site located to the north of the previously delineated EWMA coal tar limit. However, ENVIRON's delineation activities could not be completed due to the presence of physical constraints. On April 28, 2006, the NJDEP issued a letter responding to the Coal Tar Delineation Report, and required further delineation be performed.

2.0 FIELD ACTIVITIES

In accordance with the December 2005 Technical Specifications, the July 2005 Engineering Design Report, and ENVIRON's initial delineation activities, the supplemental delineation activities for coal tar consisted of the advancement of a series of soil borings, collection of soil samples, field screening with properly calibrated photo-ionization and flame-ionization detectors (PID/FID), and visual identification of coal tar. Field activities were conducted between May 16, 2006 and June 14, 2006. The supplemental delineation activities were performed by ENVIRON under the direct oversight of NJDEP and/or USEPA representatives, and in accordance with the terms of the Administrative Consent Order dated January 25, 2006.

The supplemental delineation activities consisted of the advancement of a total of 21 soil borings (SS-13D through SS-26B) to delineate or investigate the following:

(a) coal tar to the east of the SS-24 line;
(b) coal tar underneath the existing parking deck structure; and,
(c) sweet chemical/mothball odors in the vicinity of the SS-13 line.

The locations of the 21 soil borings are depicted on **Drawing 1**. Lithologic classification of the soils was conducted in the field and recorded on boring logs; a copy of the boring logs are included as **Appendix A** to this report. Soil sampling was performed in accordance with the NJDEP Field Sampling Procedures Manual. During the field activities, each soil sampling interval was screened with a properly calibrated PID and FID. Soil samples were analyzed by Hampton-Clarke/Veritech Laboratory, a New Jersey certified laboratory (NJDEP Certification # 14622). The results of the coal tar plume and sweet chemical/mothball odor investigation activities are summarized in the following sections.

2.1 Coal Tar Delineation Activities:

A total of 17 of the 21 soil borings were advanced to complete the delineation of coal tar plume. All borings were predrilled using an air rotary, roller-cone, or hollow-stem auger drill rig to a depth of approximately 10 feet below ground surface (bgs). The predrilling was required to penetrate through subsurface obstructions (i.e. hard materials and/or boulders) present within the upper fill layer. Following complete penetration of the upper fill layer, soil samples were continuously collected to the top of the bedrock using a hollow stem auger drill rig and a split-spoon sampler.

Coal Tar Delineation to the East

As discussed with NJDEP and USEPA, the soil borings were typically advanced from north to south in an effort to first define the northernmost extent of the plume. In general, the SS-C series borings were initially advanced (**see Drawing 1**). At an individual soil boring line, if coal tar was not visually identified at any interval within the SS-C series soil boring, an additional soil boring series (SS-B series) was advanced to the south of the SS-C series. Additional soil boring series (SS-A series) were advanced as required to the south of the SS-B series until the limit of coal tar could be established.

As depicted on **Drawings 1 and 4,** soil borings SS-24C, SS-25C, and SS-26B were advanced in the area of the former material stockpile area. As poor soil recovery was experienced at boring SS-24C, boring SS-24C1 was advanced adjacent to SS-24C. No visual evidence of coal tar was identified in any of these four delineation borings.

Based on the fact that coal tar was not identified in any of the four above referenced borings, a parallel line of soil borings, SS-24B, SS-25B, and SS-26A was advanced to the south. No visual evidence of coal tar was detected in SS-24B or SS-25B. Boring SS-26A could not be completed due to refusal at a depth of approximately 7 feet bgs. Since coal tar was observed during the initial delineation activities at boring SS-24A, no further delineation to the south of SS-24B was required and the delineation along the SS-24 line was deemed complete.

An additional soil boring, SS-25A, was advanced to the south of boring SS-25B. No evidence of coal tar was observed at SS-25A. As such, based on field discussions with the NJDEP, the delineation along the SS-25 line was deemed complete and no further delineation south of SS-26A was required.

Coal Tar Delineation under the Existing Parking Deck Structure

As presented on **Drawings 1 and 4,** a total of nine soil borings (SS-18D, SS-18E, SS19C, SS-19D, SS-19E, SS-19.5C, SS-19.5C1, SS-19.5D and SS-19.5E) were advanced to delineate the extent of the coal tar plume underneath the existing parking deck structure. Four of the nine borings (SS-18E, SS-19E, SS-19.5D and SS-19.5E), were advanced underneath the parking deck structure using a DK-50 low-clearance drill rig. The delineation activities proceeded based on the visual indications of coal tar. If coal tar was visually identified at any interval within a soil boring, two additional soil borings were advanced to the north and west until the limit of coal tar was established.

Coal tar delineation activities in this area were initiated adjacent to the existing parking deck structure by advancing boring SS-19.5C. Since poor soil recovery was experienced at boring SS-19.5C and visual indications of staining were observed in the auger flights, an additional boring, SS-19.5C1, was advanced immediately adjacent to SS-19.5C. Evidence of coal tar was observed in SS-19.5C1.

Based on the identification of coal tar at the location of boring SS-19.5C1, soil borings SS-19.5D and SS-19C were advanced to the north and west of SS-19C1, respectively. Based on the visual evidence of coal tar in SS-19C, two additional soil borings (SS-19D and SS-18D) were advanced to the north and west of SS-19C. No visual evidence of coal tar was observed in either of these two borings.

Approximately six inches of coal tar was encountered in boring SS-19.5D at a depth interval of approximately 13.5 feet to 14 feet bgs. Therefore, two additional borings (SS-19.5E and SS-19E) were advanced to the north and west of SS-19.5D, respectively. No visual evidence of coal tar was noted in SS-19.5E. Coal tar was visually identified in SS-19E at a depth interval of approximately 11 feet bgs to the top of the bedrock (13.5 feet bgs). As discussed with the NJDEP in the field, further delineation to the north and west of SS-19E was addressed by advancing boring SS-18E in an area located approximately 20 feet to the northwest of boring SS-19E. No visual evidence of coal tar was identified at SS-18E.

The observed coal tar in the vicinity of the parking deck structure is thickest (4.5 feet) at SS-19.5C1, which is located just outside the parking deck structure, and decreases to seams of coal tar with thickness ranging from 2.5 feet to 0.5 feet underneath the parking deck structure.

Analytical Sampling for PAHs

At the request of the NJDEP, soil samples were collected from each interval, archived for soil classification purposes, and analyzed for Polycyclic Aromatic Hydrocarbons (PAH), as necessary. If coal tar was visually identified in a boring, soil samples for laboratory analysis were collected above and below the coal tar impacted soil (as visually determined in the field) to facilitate the delineation of the vertical extent of the coal tar impacted soil. Additionally, samples were collected for laboratory analysis from soil borings advanced to the north of the soil borings with visual evidence of coal tar to delineate the horizontal extent of the coal tar impacted soil. Samples in these additional soil borings were collected from the same interval where coal tar was observed in the adjacent borings.

2.2 Sweet Chemical/Mothball Odor Investigation Activities:

Pursuant to the NJDEP letter dated April 28, 2006 and the May 11, 2006 conference call between the USEPA, NJDEP and K. Hovnanian representatives, ENVIRON advanced a total of four soil borings (SS-13D, SS-13E, SS-14A and SS-14.5A) to delineate the extent of sweet chemical/mothball odors previously detected to the north and east of the SS-13 series borings. These borings were pre-drilled using an air rotary and/or hollow-stem auger drill rig to a depth of approximately four feet bgs. Soil samples were continuously collected to the top of the bedrock using a hollow stem auger drill rig and split-spoon sampling methods. Samples collected from each interval were visually classified and screened with a calibrated PID and FID.

A sweet chemical odor was detected in SS-13D from approximately 5 feet to 18 feet bgs with the strongest odor detected in the saturated zone between 14 feet and 18 feet bgs. Elevated PID (maximum of 210 ppm) and FID (maximum of 90 ppm) readings were also detected at this interval. In addition, a glossy colorless unknown product was also detected in this boring from approximately 13 feet to 18 ft bgs. Due to the detection of the sweet chemical odor, the elevated PID readings and visual evidence of the unknown product in SS-13D, further investigation/delineation to the north and east of SS-13D was performed by advancing soil borings SS-13E and SS-14A.

During the installation of boring SS-13E, a sweet chemical odor was detected in the saturated soil located between 14 feet and 16 feet bgs interval. In addition, an alcohol type odor was detected in the saturated soil layer located between 16 feet bgs and 20 feet bgs. However, no visual evidence of the unknown product was detected in this boring.

The sweet chemical odor and elevated PID and FID readings were also detected in boring SS-14A at a depth of approximately 12 feet to 17.5 feet bgs. Seams of unknown product were also identified at this interval. The sweet chemical odor appears to have been masked by the presence of coal tar in this boring.

Based on field discussions with the NJDEP, boring SS-14.5A was advanced to the north of SS-14A to further delineate the sweet chemical odor and unknown product. A mothball type odor was detected at a depth of four to five feet bgs interval at SS-14.5A. Although the sweet chemical odor or the unknown product was not detected in this soil boring, an alcohol type odor was detected in the saturated soil located between 13 feet and 14 feet bgs. In addition, a seam (approximately three inches) of coal tar impacted soil was also encountered at a depth of approximately 5.5 feet to six feet bgs.

Samples were collected for laboratory analysis based on elevated PID/FID readings and visual and/or olfactory signs of contamination. At the direction of NJDEP and USEPA representatives, select samples collected from SS-13D, SS-13E, SS-14A and SS-14.5A were analyzed for Volatile Organic Compounds with a forward library search (VOC+10) and Base Neutrals/Acid Extractables with a forward library search (BNA+25). To identify the TICs, a library search was performed which included a full scan of volatile and semi-volatile databases.

3.0 SOIL SAMPLE RESULTS

The soil analytical results obtained from the supplemental delineation activities were compared to the NJDEP's Soil Cleanup Criteria (SCC), dated May, 1999 (i.e., NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC), NJDEP's Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC), and NJDEP's Impact to Groundwater Soil Cleanup Criteria (IGWSCC). In addition, soil analytical results were compared to the NJDEP Target Contaminant Concentrations in Typical Historic Fill Material (Table 4-2, NJAC 7:26E-4.6).

3.1 PAH Sampling Results:

As previously indicated, samples analyzed in the laboratory were collected from:

a) Above the coal tar impacted soil (as visually determined in the field) to delineate the vertical extent of the coal tar plume;

b) below the coal tar impacted soil (as visually determined in the field) to delineate the vertical extent of the coal tar plume, when coal tar was not present immediately above bedrock; and

c) soil borings advanced to the north of the borings with visual evidence of coal tar to delineate the horizontal extent of the coal tar plume. Samples in these additional soil borings were collected from the same interval where coal tar was observed in the adjacent borings.

As summarized in **Table 1 and Table 2** and as depicted on **Drawing2**[1], several exceedances of the NJDEP SCC were identified for individual PAHs (i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene). Analytical data packages are included herein as **Appendix B**. As shown in the following table, maximum concentrations of the detected PAHs exceed the average contaminant levels for historic fill material (Table 4-2, NJAC 7:26E-4.6). However, the maximum concentrations of detected contaminants are below the maximum contaminant levels for historic fill material. The average concentrations of these parameters slightly exceed the average values for historic fill materials (Table 4-2, NJAC 7:26E-4.6). Moreover, the soil contaminants detected during these delineation activities are comparable to those contaminants that have been previously associated with historic fill across the property.

Parameters	NJ Historic Fill Maximum (mg/kg)	NJ Historic Fill Average (mg/kg)	Average Detected Concentrations (mg/kg)	Maximum Detected Concentrations (mg/kg)
Benzo(a)anthracene	160	1.37	3.26	13
Benzo(a)pyrene	120	1.89	2.51	11
Benzo(b)fluoranthene	110	1.91	3.63	16
Benzo(k)fluoranthene	93	1.79	1.20	3.30
Dibenz(a,h)anthracene	25	1.24	0.65	2.20
Indeno(1,2,3-cd)pyrene	67	1.41	1.67	6.20

3.2 Sweet Chemical and/or Mothball Odor Sampling Results:

The analytical results of the soil samples collected from the soil borings that exhibited sweet chemical, mothball, and/or alcohol type odors are summarized in **Table 3 and Table 4** and are presented in **Drawing 3**[2]**.** Review of the analytical results reveals that soil samples obtained from soil boring SS-13D at depth intervals of six to eight feet bgs and 14 to 14.5 feet bgs were the only samples in which VOCs were detected above the NJDEP SCC. Specifically, Tetrachloroethene (1.1 mg/kg) and xylenes (126 mg/kg) were detected above the IGWSCC of 1

[1] The summarized analytical data presented in Drawing 2 includes that gathered as part of ENVIRON's initial coal tar delineation efforts between January 26, 2006 and February 3, 2006.

[2] The summarized analytical data presented in Drawing 3 includes that gathered as part of ENVIRON's initial coal tar delineation efforts between January 26, 2006 and February 3, 2006.

mg/kg and 67 mg/kg, respectively. The sporadic detection of VOCs does not appear to be pervasive in the area with sweet chemical odor.

Several exceedances of the RDCSCC and NRDCSCC were identified for individual PAHs (i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene) in the samples collected from borings SS-13D and SS-13E. In addition, various volatile and semi-volatile tentatively identified compounds (TICs) were identified at various concentrations in the samples collected from SS-13D, SS-13E, SS-14A and SS-14.5A. Based on the supplemental investigation results, the highest concentrations of volatile TICs (51.8J mg/kg) and semi-volatile TICs (450J mg/kg) were detected in the sample collected from a depth of 14 to 14.5 feet bgs at boring SS-13D.

4.0 EXTENT OF COAL TAR PLUME

Based on the coal tar delineation activities conducted by ENVIRON, the coal tar plume has been determined to be present in areas beyond the coal tar limit previously delineated by EWMA. The horizontal limit of coal tar plume to the north extends into the footprint of the existing parking deck structure. While the extent of coal tar plume to the west of the SS-13 line could not be delineated due to the presence of a geomembrane over the High Concentration Arsenic Area, the SS-25 line defines the eastern boundary of the coal tar plume. Based on the coal tar delineation activities, ENVIRON refined the extent of the coal tar plume which is presented on **Drawing 4**. It appears that to the east of the SS-19 line, the coal tar is located between the unconsolidated deposits and the bedrock. To the west of the SS-19 line, coal tar is generally encountered between the upper fill and sand layers. The thickness of the coal tar generally appears to diminish further north of the proposed alignment of the vertical barrier system.

With the exception of the central portion of the Site (i.e., area to the east of soil boring line SS-19), the coal tar plume extends approximately 17 feet north of the proposed barrier wall alignment. The extent of coal tar plume in the central portion of the Site appears to exist approximately 35 feet into the existing parking deck structure. Based on the scope and results of this investigation, the delineation of coal tar plume in the areas north of the proposed alignment of the vertical barrier system is complete.

5.0 EXTENT OF SWEET CHEMICAL/MOTHBALL ODOR

The extent of the area where the sweet chemical/mothball odor was detected has been delineated north and east of the SS-13 series borings. As shown on **Drawing 5**, the area where the unknown product, and the sweet chemical odor and elevated PID/FID readings were detected is localized only in the southwestern portion of the Site. In addition to sweet chemical and mothball odors, an alcohol type odor was also detected in this area. The mothball odor could be attributable to coal tar contamination in this area. Furthermore, various volatile and semi-volatile TICs were identified at various concentrations in the samples collected from SS-13D, SS-13E, SS-14A and SS-14.5A. Based on the field observations, it appears that the detected sweet chemical odor is associated with the colorless glossy product.

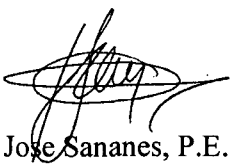
6.0 CONCLUSIONS

Based on the supplemental delineation activities, the coal tar plume has been visually identified in areas beyond the previously delineated EWMA coal tar limit. ENVIRON refined the extent of the coal tar plume which is presented on **Drawing 4**. Geologic cross-section profiles depicting the thickness of the coal tar impacted soils are included on **Drawing 6**.

As discussed and confirmed with the NJDEP, the delineation of coal tar plume in the areas north of the proposed alignment of the vertical barrier system is complete. The coal tar plume extends under the footprint of the existing parking deck structure. However, the thickness of coal tar impacted soil decreases as the parking deck structure is approached. The PAHs detected in soil samples with no visual evidence of coal tar are comparable to those contaminants that have been previously associated with historic fill across the property.

In accordance with NJDEP Technical Requirements for Site Remediation (NJAC 7:26E-6.2), a Remedial Action Work Plan (RAWP) will be prepared. If you have any questions concerning this report, please do not hesitate to call Wahid Khan, P.E. at (609) 243-9821 or me at 609-243-9882.

Sincerely,



Jose Sananes, P.E.
Senior Manager

cc: Jay A. Jaffe - Farer Fersko
Ramesh Tharwani - K. Hovnanian
Francine Chesler - K. Hovnanian
Nestor Soler - ENVIRON

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List of Attachments:

Tables:
Table 1–Analytical Results for PAHs
Table 2–Analytical Results for VOCs and SVOCs
Table 3–Analytical Results for TICs

Drawings:
Plate 1–Soil Boring Location Map
Plate 2–Coal Tar Delineation–PAH Exceedances
Plate 3–Sweet Chemical and/or Naphthalene Delineation–VOC and SVOC Sampling Results

Plate 4–Extent of Coal Tar Limit
Plate 5–Extent of Sweet Chemical Odor
Plate 6–Soil Profiles Across Coal Tar Delineated Limits

TABLES

TABLE 1
Analytical Results for PAHs
Coal-Tar Delineation
K. Hovnanian, Edgewater

	Location ENVIRON Sample ID Collection Method Collection Date Collection Depth (ft) Comments	NJ Residential Direct Contact Soil Cleanup Criteria (mg/kg)	NJ Nonresidential Direct Contact Soil Cleanup Criteria (mg/kg)	NJ Impact to Ground Water Soil Cleanup Criteria (mg/kg)	NJ Historic Fill Maximum (mg/kg)	NJ Historic Fill Average (mg/kg)	Average Of Result	Max Of Result	SS-18D SS-18D 1000 grab 6/1/2006 10-10	SS-18D SS-18D 1100 grab 6/1/2006 11-11	SS-18E SS-18E11001200 composite 6/14/2006 11-12	SS-19.5C1 SS-19.5C1 10001100 composite 5/31/2006 10-11	SS-19.5D SS-19.5D12001300 composite 6/7/2006 12-13	SS-19.5D SS-19.5D17001800 composite 6/13/2006 17-18
SVOC								Label						
	Acenaphthene	3400	10000	100			0.928333	4.5	0.47 J (1.1)	ND (1.8)	1.8 J (1.9)	1.1 J (3.7)	4.5 (2)	0.25 J (0.4)
	Acenaphthylene						0.325	0.5	ND (1.1)	ND (1.8)	0.5 J (1.9)	ND (3.7)	ND (2)	ND (0.4)
	Anthracene	10000	10000	100			1.726923	7.5	0.85 J (1.1)	ND (1.8)	4.3 (1.9)	3 J (3.7)	7.5 (2)	0.44 (0.4)
	Benzo(a)anthracene	0.9	4	500	160	1.37	3.26	13	**1.6 (1.1)**	0.27 J (1.8)	**9.6 (1.9)**	**6.2 (3.7)**	**13 (2)**	0.78 (0.4)
	Benzo(a)pyrene	0.66	0.66	100	120	1.89	2.514	11	**1.2 (1.1)**	0.2 J (1.8)	**7.2 (1.9)**	**5 (3.7)**	**11 (2)**	0.66 (0.4)
	Benzo(b)fluoranthene	0.9	4	50	110	1.91	3.628571	16	**1.5 (1.1)**	0.28 J (1.8)	**9.7 (1.9)**	**6.9 (3.7)**	**16 (2)**	**0.94 (0.4)**
	Benzo(g,h,i)perylene						1.829231	6.9	0.7 J (1.1)	ND (1.8)	4 (1.9)	2.9 J (3.7)	6.9 (2)	0.29 J (0.4)
	Benzo(k)fluoranthene	0.9	4	500	93	1.79	1.196923	3.3	0.55 J (1.1)	ND (1.8)	**2.9 (1.9)**	**2.3 J (3.7)**	**3.3 (2)**	0.37 J (0.4)
	Chrysene	9	40	500			3.01	12	1.3 (1.1)	0.3 J (1.8)	8.4 (1.9)	6.1 (3.7)	**12 (2)**	0.67 (0.4)
	Dibenz(a,h)anthracene	0.66	0.66	100	25	1.24	0.648333	2.2	0.19 J (1.1)	ND (1.8)	**1.4 J (1.9)**	**0.85 J (3.7)**	**2.2 (2)**	0.08 J (0.4)
	Fluoranthene	2300	10000	100			6.289286	22	3.7 (1.1)	0.81 J (1.8)	21 (1.9)	14 (3.7)	22 (2)	1.7 (0.4)
	Fluorene	2300	10000	100			1.310909	5.5	0.53 J (1.1)	ND (1.8)	3.3 (1.9)	1.2 J (3.7)	5.5 (5.1)	0.33 J (1)
	Indeno(1,2,3-cd)pyrene	0.9	4	500	67	1.41	1.673846	6.2	0.65 J (1.1)	ND (1.8)	**3.7 (1.9)**	**2.7 J (3.7)**	**6.2 (2)**	0.29 J (0.4)
	Naphthalene	230	4200	100			0.7675	4	0.31 J (1.1)	ND (1.8)	1.8 J (1.9)	0.6 J (3.7)	4 (2)	0.17 J (0.4)
	Phenanthrene						5.921429	23	3.4 (1.1)	0.53 J (1.8)	23 (1.9)	9.1 (3.7)	23 (2)	1.4 (0.4)
	Pyrene	1700	10000	100			6.413333	24	3 (1.1)	0.63 J (1.8)	20 (1.9)	11 (3.7)	24 (2)	1.5 (0.4)

Notes:

1 All concentrations are presented in mg/kg (ppm).
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NJ Residential Direct Contact Soil Cleanup Criteria are **boldfaced**.
4 Concentrations that exceed the NJ Nonresidential Direct Contact Soil Cleanup Criteria are double
5 Concentrations that exceed the NJ Impact to Ground Water Soil Cleanup Criteria are *italicized*.

Abbreviations:

ND -- Not Detected.
J -- Estimated Concentration.
( ) -- Detection Limit.

TABLE 1
Analytical Results for PAHs
Coal-Tar Delineation
K. Hovnanian, Edgewater

Location	SS-19.5E	SS-19C	SS-19D	SS-19D	SS-19E	SS-24B	SS-24B	SS-25A	SS-25A	SS-25A
ENVIRON Sample ID	SS19.5E 1000 1200	SS-19C 1000 1050	SS-19D 1250 1300	SS-19D 1400 1450	SS-19E 1000 1100	SS-24B 1500 1700	SS-24B 1850 1900	SS-25A 21002200	SS-25A16001750	SS-25A24502550
Collection Method	composite	composite	composite	composite	composite	composite	composite	composite	composite	composite
Collection Date	6/13/2006	5/23/2006	5/23/2006	5/23/2006	6/14/2006	5/25/2006	5/25/2006	5/31/2006	5/31/2006	5/31/2006
Collection Depth (ft)	10-12	10-10.5	12.5-13	14-14.5	10-11	15-17	18.5-19	21-22	16-17.5	24.5-25.5
Comments										
SVOC										
Acenaphthene	0.19 J (0.38)	1.5 J (2)	0.35 J (0.39)	0.1 J (0.39)	ND (0.35)	0.59 (0.4)	ND (0.42)	0.06 J (0.4)	0.23 J (0.42)	ND (0.52)
Acenaphthylene	ND (0.38)	ND (2)	ND (0.39)	ND (0.39)	ND (0.35)	0.15 J (0.4)	ND (0.42)	ND (0.4)	ND (0.42)	ND (0.52)
Anthracene	0.35 J (0.38)	3.2 (2)	0.67 (0.39)	0.25 J (0.39)	0.08 J (0.35)	1.3 (0.4)	ND (0.42)	0.05 J (0.4)	0.46 (0.42)	ND (0.52)
Benzo(a)anthracene	**1.3 (0.38)**	**6.4 (2)**	**1.8 (0.39)**	0.75 (0.39)	0.4 (0.35)	**2.5 (0.4)**	ND (0.42)	0.12 J (0.4)	**0.92 (0.42)**	ND (0.52)
Benzo(a)pyrene	**1.1 (0.38)**	**5.5 (2)**	**1.5 (0.39)**	0.61 (0.39)	0.4 (0.35)	**2.1 (0.4)**	ND (0.42)	0.07 J (0.4)	**0.72 (0.42)**	0.45 J (0.52)
Benzo(b)fluoranthene	**1.5 (0.38)**	**7 (2)**	**2 (0.39)**	0.73 (0.39)	0.53 (0.35)	**2.7 (0.4)**	ND (0.42)	0.09 J (0.4)	**0.93 (0.42)**	ND (0.52)
Benzo(g,h,i)perylene	0.73 (0.38)	4.1 (2)	1.2 (0.39)	0.54 (0.39)	0.27 J (0.35)	1.7 (0.4)	ND (0.42)	0.04 J (0.4)	0.41 J (0.42)	ND (0.52)
Benzo(k)fluoranthene	0.54 (0.38)	**3 (2)**	0.59 (0.39)	0.36 J (0.39)	0.18 J (0.35)	**1.1 (0.4)**	ND (0.42)	0.04 J (0.4)	0.33 J (0.42)	ND (0.52)
Chrysene	0.93 (0.38)	6.4 (2)	1.6 (0.39)	0.6 (0.39)	0.42 (0.35)	2.4 (0.4)	ND (0.42)	0.13 J (0.4)	0.89 (0.42)	ND (0.52)
Dibenz(a,h)anthracene	0.2 J (0.38)	**1.6 J (2)**	0.33 J (0.39)	0.12 J (0.39)	0.08 J (0.35)	0.6 (0.4)	ND (0.42)	ND (0.4)	0.13 J (0.42)	ND (0.52)
Fluoranthene	1.7 (0.38)	12 (2)	2.7 (0.39)	1.3 (0.39)	0.6 (0.35)	4.1 (0.4)	ND (0.42)	0.34 J (0.4)	2.1 (0.42)	ND (0.52)
Fluorene	0.17 J (0.95)	1.9 J (2)	0.37 J (0.39)	0.14 J (0.39)	ND (0.35)	0.71 (0.4)	ND (0.42)	ND (0.4)	0.27 J (0.42)	ND (0.52)
Indeno(1,2,3-cd)pyrene	0.66 (0.38)	**3.8 (2)**	**1.1 (0.39)**	0.46 (0.39)	0.24 J (0.35)	**1.5 (0.4)**	ND (0.42)	0.04 J (0.4)	0.42 J (0.42)	ND (0.52)
Naphthalene	0.06 J (0.38)	1 J (2)	0.15 J (0.39)	0.05 J (0.39)	ND (0.35)	0.65 (0.4)	ND (0.42)	0.16 J (0.4)	0.26 J (0.42)	ND (0.52)
Phenanthrene	1.3 (0.38)	11 (2)	2.3 (0.39)	0.99 (0.39)	0.31 J (0.35)	4.8 (0.4)	ND (0.42)	0.07 J (0.4)	1.7 (0.42)	ND (0.52)
Pyrene	2.9 (0.38)	17 (2)	4.4 (0.39)	1.7 (0.39)	0.7 (0.35)	7.3 (0.4)	0.05 J (0.42)	0.32 J (0.4)	1.7 (0.42)	ND (0.52)

Notes:

1 All concentrations are presented in mg/kg (ppm).
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NJ Residential Direct Contact Soil Cleanup Criteria are **boldfaced**.
4 Concentrations that exceed the NJ Nonresidential Direct Contact Soil Cleanup Criteria are double.
5 Concentrations that exceed the NJ Impact to Ground Water Soil Cleanup Criteria are *italicized*.

Abbreviations:

ND -- Not Detected.
J -- Estimated Concentration.
( ) -- Detection Limit.

TABLE 2
Analytical Results for VOCs and SVOCs
Sweet Chemical/Mothball Odor Delineation
K. Hovnanian, Edgewater

	Location				SS-13D	SS-13D	SS-13D	SS-13D	SS-13E	SS-13E	SS-13E	SS-13E	SS-14.5A	SS-14A
	ENVIRON Sample ID	NJ Residential	NJ Nonresidential	NJ Impact to	SS-13D 04000600	SS-13D 06000800	SS-13D 14001450	SS-13D 19502000	SS-13E11501200	SS-13E15001550	SS-13E17001800	SS-13E19502000	SS-14.5A 13001400	SS-14A 15001600
	Collection Method	Direct Contact Soil	Direct Contact Soil	Ground Water Soil	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab
	Collection Date	Cleanup Criteria	Cleanup Criteria	Cleanup Criteria	6/1/2006	6/1/2006	6/1/2006	6/1/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/6/2006	6/2/2006
	Collection Depth (ft)	(mg/kg)	(mg/kg)	(mg/kg)	4-6	6-8	14-14.5	19.5-20	11.5-12	15-15.5	17-18	19.5-20	13-14	15-16
	Comments													
VOC														
	Benzene	3	13	1	ND (0.09)	0.15 (0.1)	0.34 (0.09)	ND (0.12)	ND (0.09)	ND (0.1)	ND (0.13)	ND (0.09)	ND (0.11)	ND (0.1)
	Chlorobenzene	37	680	1	0.18 J (0.49)	0.4 J (0.51)	ND (0.45)	ND (0.59)	ND (0.47)	ND (0.52)	ND (0.63)	ND (0.48)	ND (0.53)	ND (0.51)
	cis-1,2-Dichloroethene	79	1000	1	0.29 J (0.49)	0.29 J (0.51)	ND (0.45)	ND (0.59)	ND (0.47)	ND (0.52)	ND (0.63)	ND (0.48)	ND (0.53)	ND (0.51)
	Ethyl Benzene	1000	1000	100	0.37 (0.09)	1.9 (0.1)	18 (0.09)	ND (0.12)	ND (0.09)	ND (0.1)	ND (0.13)	ND (0.09)	ND (0.11)	ND (0.1)
	Methylene Chloride	49	210	1	0.53 (0.49)	0.22 J (0.51)	0.13 J (0.45)	0.19 J (0.59)	ND (0.47)	ND (0.52)	ND (0.63)	ND (0.48)	ND (0.53)	ND (0.51)
	Styrene	23	97	100	ND (0.49)	ND (0.51)	10 (0.45)	ND (0.59)	ND (0.47)	ND (0.52)	ND (0.63)	ND (0.48)	ND (0.53)	ND (0.51)
	Tetrachloroethene	4	6	1	0.61 (0.49)	*1.1 (0.51)*	ND (0.45)	ND (0.59)	ND (0.47)	ND (0.52)	ND (0.63)	ND (0.48)	ND (0.53)	ND (0.51)
	Toluene	1000	1000	500	0.23 (0.09)	0.56 (0.1)	5.8 (0.09)	ND (0.12)	ND (0.09)	ND (0.1)	ND (0.13)	ND (0.09)	ND (0.11)	ND (0.1)
	Trichloroethene	23	54	1	0.15 J (0.49)	0.18 J (0.51)	ND (0.45)	ND (0.59)	ND (0.47)	ND (0.52)	ND (0.63)	ND (0.48)	ND (0.53)	ND (0.51)
	m,p-xylene				0.38 (0.2)	5.1 (0.2)	85 (0.18)	ND (0.24)	ND (0.19)	ND (0.21)	ND (0.25)	ND (0.19)	ND (0.21)	ND (0.2)
	ortho-xylene				0.31 (0.09)	3 (0.1)	41 (0.09)	ND (0.12)	ND (0.09)	ND (0.1)	ND (0.13)	ND (0.09)	ND (0.11)	ND (0.1)
	Xylenes (total)	410	1000	67	0.69 (0.2)	8.1 (0.2)	*126 (0.18)*	ND (0.24)	ND (0.19)	ND (0.21)	ND (0.25)	ND (0.19)	ND (0.21)	ND (0.2)
TIC														
	SVOC TICs				102.1 J	58.58 J	450 J	73.34 J	71.72 J	50.26 J	73.85 J	86.6 J	74.76 J	13.03 J
	VOC TICs				ND	47.1 J	51.8 J	0.44 J	ND	8.87 J	0.38 J	0.43 J	0.4 J	ND
SVOC														
	Acenaphthene	3400	10000	100	0.35 J (1.2)	0.07 J (0.38)	11 J (21)	0.05 J (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.47 (0.43)
	Acenaphthylene				ND (1.2)	0.04 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	0.22 J (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.09 J (0.43)
	Anthracene	10000	10000	100	2.4 (1.2)	0.15 J (0.38)	3.2 J (21)	ND (0.41)	ND (0.4)	0.32 J (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.41 J (0.43)
	Benzo(a)anthracene	0.9	4	500	**1.5 (1.2)**	0.47 (0.38)	ND (21)	ND (0.41)	ND (0.4)	**1.9 (0.42)**	ND (0.43)	ND (0.38)	ND (0.43)	0.19 J (0.43)
	Benzo(a)pyrene	0.66	0.66	100	**1.3 (1.2)**	0.45 (0.38)	ND (21)	ND (0.41)	ND (0.4)	**1 (0.42)**	ND (0.43)	ND (0.38)	ND (0.43)	0.13 J (0.43)
	Benzo(b)fluoranthene	0.9	4	50	**1.8 (1.2)**	0.52 (0.38)	ND (21)	ND (0.41)	ND (0.4)	**1.4 (0.42)**	ND (0.43)	ND (0.38)	ND (0.43)	0.17 J (0.43)
	Benzo(g,h,i)perylene				0.87 J (1.2)	0.33 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	0.62 (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.08 J (0.43)
	Benzo(k)fluoranthene	0.9	4	500	0.62 J (1.2)	0.18 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	0.56 (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.06 J (0.43)
	bis(2-Ethylhexyl)phthalate	49	210	100	0.73 J (1.2)	0.24 J (0.38)	ND (21)	0.41 J (0.41)	0.04 J (0.4)	0.18 J (0.42)	ND (0.43)	ND (0.38)	0.07 J (0.43)	0.06 JB (0.43)
	Butylbenzylphthalate	1100	10000	100	0.3 J (1.2)	0.08 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	ND (0.43)
	Carbazole				0.98 J (1.2)	0.07 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	0.11 J (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.07 J (0.43)
	Chrysene	9	40	500	1.5 (1.2)	0.48 (0.38)	ND (21)	ND (0.41)	ND (0.4)	1.9 (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.18 J (0.43)
	Dibenz(a,h)anthracene	0.66	0.66	100	0.26 J (1.2)	0.1 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	0.18 J (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	ND (0.43)
	Dibenzofuran				0.3 J (1.2)	0.06 J (0.38)	7.8 J (21)	0.04 J (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.35 J (0.43)
	2,4-Dimethylphenol	1100	10000	10	ND (1.2)	ND (0.38)	ND (21)	0.09 J (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	0.04 J (0.38)	ND (0.43)	ND (0.43)
	Di-n-butylphthalate	5700	10000	100	ND (1.2)	ND (0.38)	ND (21)	ND (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.07 JB (0.43)
	Di-n-octylphthalate	1100	10000	100	ND (1.2)	ND (0.38)	ND (21)	0.04 J (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	ND (0.43)
	Fluoranthene	2300	10000	100	3.2 (1.2)	0.84 (0.38)	5 J (21)	ND (0.41)	ND (0.4)	2.9 (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.76 (0.43)
	Fluorene	2300	10000	100	0.42 J (1.2)	0.11 J (0.38)	14 J (21)	0.04 J (0.41)	ND (0.4)	0.13 J (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.49 (0.43)
	Indeno(1,2,3-cd)pyrene	0.9	4	500	0.82 J (1.2)	0.22 J (0.38)	ND (21)	ND (0.41)	ND (0.4)	0.55 (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.06 J (0.43)
	2-Methylnaphthalene				0.26 J (1.2)	0.08 J (0.38)	210 (21)	0.39 J (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	0.33 J (0.43)
	4-Methylphenol	2800	10000		ND (1.2)	ND (0.38)	ND (21)	0.06 J (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	ND (0.43)
	Naphthalene	230	4200	100	0.44 J (1.2)	0.13 J (0.38)	*140 (21)*	0.49 (0.41)	ND (0.4)	ND (0.42)	ND (0.43)	ND (0.38)	ND (0.43)	1.2 (0.43)
	Phenanthrene				2.3 (1.2)	0.62 (0.38)	29 (21)	0.04 J (0.41)	ND (0.4)	0.3 J (0.42)	ND (0.43)	0.04 J (0.38)	ND (0.43)	1.7 (0.43)
	Pyrene	1700	10000	100	2.7 (1.2)	0.85 (0.38)	4.9 J (21)	ND (0.41)	ND (0.4)	5.4 (0.42)	ND (0.43)	0.04 J (0.38)	ND (0.43)	0.82 (0.43)

Notes:

1 All concentrations are presented in mg/kg (ppm).
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NJ Residential Direct Contact Soil Cleanup Criteria are **boldfaced**.
4 Concentrations that exceed the NJ Nonresidential Direct Contact Soil Cleanup Criteria are double.
5 Concentrations that exceed the NJ Impact to Ground Water Soil Cleanup Criteria are *italicized*.

Abbreviations:

ND -- Not Detected.
J -- Estimated Concentration.
( ) -- Detection Limit.

TABLE 3
Analytical Results for Tentatively Identified Compounds (TICs)
K. Hovnanian, Edgewater

	Location	SS-13D	SS-13D	SS-13D	SS-13D	SS-13E	SS-13E	SS-13E	SS-13E	SS-14.5A	SS-14A	SS-14A	SS-14A
	ENVIRON Sample ID	SS-13D 04000600	SS-13D 06000800	SS-13D 14001450	SS-13D 19502000	SS-13E11501200	SS-13E15001550	SS-13E17001800	SS-13E19502000	SS-14.5A 13001400	SS-14A 13501400	SS-14A 15001600	SS-14A 17501800
	Collection Method	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab
	Collection Date	6/1/2006	6/1/2006	6/1/2006	6/1/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/6/2006	6/2/2006	6/2/2006	6/2/2006
	Collection Depth (ft)	4-6	6-8	14-14.5	19.5-20	11.5-12	15-15.5	17-18	19.5-20	13-14	13.5-14	15-16	17.5-18
	Comments												
VOC-TIC													
	VOC TICs					U	8.87 J	0.38 J	0.43 J	0.4 J	6.04 J	U	825 J
	1,1'-Biphenyl_14.73												78 J
	1-Decene_11.11												30 J
	2-Methyldecalin (Probably Trans)_12.68						0.9 J						
	Benzene, 1,3-dimethyl-5-(1-methylethyl)_1												24 J
	Benzene, 2-ethyl-1,4-dimethyl-_11.95												37 J
	Benzene, 4-ethyl-1,2-dimethyl-_12.24										0.42 J		
	Benzene, 4-ethyl-1,2-dimethyl-_12.86												22 J
	column bleed_2.42							0.38 JB					
	column bleed_2.49								0.43 JB				
	column bleed_2.5									0.4 JB			
	Cyclohexane, (1-methylethyl)-_12.47										0.51 J		
	Cyclopentane, 1,2-dimethyl-3-(1-methyle_1										0.64 J		
	Decane, 4-methyl-_11.51						0.65 J						
	Decane_11.15												37 J
	Heptadecane_13.98						0.52 J						
	Naphthalene, 2-ethenyl-_14.73										0.59 J		
	Naphthalene, 2-ethyl-_14.91												78 J
	Naphthalene, 2-methyl-_14.17												330 J
	Naphthalene, 2-methyl-_14.32										1.2 J		
	Naphthalene_13.36										0.62 J		
	Nonane, 4-methyl-_10.8										0.71 J		
	Nonane_10.15												29 J
	Tetradecane_13.03						1.5 J						
	unknown_11.63										0.56 J		
	unknown_12.17						1.5 J						
	unknown_12.36						0.69 J						
	unknown_12.56						0.59 J						
	Unknown_12.87						0.55 J				0.39 J		
	unknown_12.95										0.4 J		
	unknown_13.17						1.4 J						
	unknown_13.28						0.57 J						
	Vinylindene_14.33												160 J
SVOC-TIC													
	SVOC TICs	102.1 J	58.58 J	450 J	73.34 J	71.72 J	43.89 J	73.85 J	86.6 J	74.76 J		13.03 J	
	(Z)-6,6-Dimethylcyclooct-4-en-1-one_5.72	0.92 J											
	1,1'-Biphenyl_6.57											0.37 J	
	1,1'-Biphenyl_6.87			35 J									
	1,2,4-Triazine, 3-methoxy-5,6-diphenyl-_1						0.89 J						
	11H-Benzo[b]fluorene_10.15											0.18 J	
	1-Acetyl-4-methyldibenzofuran_8.25						1.9 J						
	1-Dodecene_5.45			11 J									
	1H-Indene, 2,3-dihydro-_5.1			10 J									
	1H-Indene_5.17			19 J									
	1-Triazene, 1-(4-methylphenyl-3-(pheny_8	0.94 J											
	1-Tridecene_6.21						1.5 J						
	2-(2'-Hydroxy-4'-methoxyphenyl)benzofur_1		0.4 J										
	2,3-Dimethoxy-1-phenyl-5,5-dimethylcycl_9						1 J						
	28-NOR-17BETA(H)-HOPANE_13.77	2.5 J											
	28-NOR-17BETA(H)-HOPANE_14.04	1.4 J											
	2-Pentanone, 4-hydroxy-4-methyl-_2.39											4.5 JAB	
	2-Pentanone, 4-hydroxy-4-methyl-_2.5									7.7 JAB			
	2-Pentanone, 4-hydroxy-4-methyl-_2.54					11 JAB	3.2 JAB						
	2-Pentanone, 4-hydroxy-4-methyl-_2.55							12 JAB	14 JAB				
	2-Pentanone, 4-hydroxy-4-methyl-_3.07	16 JAB											
	2-Pentanone, 4-hydroxy-4-methyl-_3.08		13 JAB	22 JAB	19 JAB								
	3-Penten-2-one, 4-methyl-_1.84											0.3 JB	
	3-Penten-2-one, 4-methyl-_1.93									61 JB			
	3-Penten-2-one, 4-methyl-_1.94					56 JB							

TABLE 3
Analytical Results for Tentatively Identified Compounds (TICs)
K. Hovnanian, Edgewater

Location	SS-13D	SS-13D	SS-13D	SS-13D	SS-13E	SS-13E	SS-13E	SS-13E	SS-14.5A	SS-14A	SS-14A	SS-14A
ENVIRON Sample ID	SS-13D 04000600	SS-13D 06000800	SS-13D 14001450	SS-13D 19502000	SS-13E11501200	SS-13E15001550	SS-13E17001800	SS-13E19502000	SS-14.5A 13001400	SS-14A 13501400	SS-14A 15001600	SS-14A 17501800
Collection Method	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab
Collection Date	6/1/2006	6/1/2006	6/1/2006	6/1/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/6/2006	6/2/2006	6/2/2006	6/2/2006
Collection Depth (ft)	4-6	6-8	14-14.5	19.5-20	11.5-12	15-15.5	17-18	19.5-20	13-14	13.5-14	15-16	17.5-18
Comments												
SVOC-TIC (Cont.)												
3-Penten-2-one, 4-methyl-_1.95						17 JB	59 JB	67 JB				
3-Penten-2-one, 4-methyl-_2.35	45 JB		76 JB									
3-Penten-2-one, 4-methyl-_2.36		32 JB										
3-Penten-2-one, 4-methyl-_2.37				47 JB								
5-Hexen-2-one_1.49					0.83 JB		0.9 JB	0.96 JB				
5-Hexen-2-one_1.81		0.77 JB		1.1 JB								
9H-Fluorene, 1-methyl-_7.9											0.19 J	
Anthracene, 2-methyl-_8.76											0.37 J	
BACCHARANE_14.04		0.57 J										
Benzenamine, 4-(2-phenylethenyl)-_7.74											0.51 J	
Benzene, [1-(2,4-cyclopentadien)-1-ylide_7											0.31 J	
Benzene, 1,2,3,5-tetramethyl-_5.63		0.32 J										
Benzene, 1,2,3-trimethyl-_4.8	1.2 J	0.42 J		0.23 J								
Benzene, 1,2,4,5-tetramethyl-_5.8	1 J											
Benzene, 1,2,4-trimethyl-_4.8			33 J									
Benzene, 1,2-dimethyl-_3.82			13 J									
Benzene, 1,3,5-trimethyl-_4.6			11 J									
Benzene, 1,4-diethyl-_5.25		0.32 J										
Benzene, 1-butynyl-_5.5											0.2 J	
Benzene, 1-ethyl-2-methyl-_4.53		0.45 J										
Benzene, 1-ethyl-3,5-dimethyl-_5.42			21 J									
Benzene, 1-ethyl-4-methyl-_4.53			11 J									
Benzene, 1-ethyl-4-methyl-_5			11 J									
Benzene, 2-ethyl-1,4-dimethyl-_5.25			22 J									
Benzo[c]phenanthrene, 5,8-dimethyl-_12.5		0.91 J										
Benzo[e]pyrene_12.91	1.2 J											
Benzo[e]pyrene_13.08	1.9 J	0.63 J										
Cyclohexane, 1-methyl-3-propyl-_4.73	0.96 J											
Decane, 2,5-dimethyl-_2.81				0.17 JB								
Decane, 2-methyl-_8.16		0.32 J										
Decane_4.84			13 J									
Dibenz[a,j]anthracene, 7,14-dihydro-_13.6		0.32 J										
Dibenzofuran, 4-methyl-_7.56											0.26 J	
Heptadecane, 2,6,10,14-tetramethyl-_5.35	2.5 J											
Heptadecane_4.85	1.2 J											
Heptadecane_6.24						5 J						
Heptadecane_7.86						2.8 J						
Heptane, 2,3-dimethyl-_2.73									0.53 JB			
Heptane, 2,3-dimethyl-_2.76								0.35 J				
Heptane, 2,4-dimethyl-_2.2								0.46 JB				
Heptane, 2,4-dimethyl-_2.72		0.54 JB		0.85 JB								
Heptane, 2,5-dimethyl-_2.28											0.61 JB	
Heptane, 2,5-dimethyl-_2.37									1.3 JB			
Heptane, 2,5-dimethyl-_2.4					1.4 JB			2 JB				
Heptane, 2,5-dimethyl-_2.41							0.77 JB					
Heptane, 2,6-dimethyl-_2.28									0.42 JB			
Heptane, 2,6-dimethyl-_2.85	0.88 J	0.72 J		1 J								
Hexane, 2,2,4-trimethyl-_5.22	5.4 J											
Naphthalene, 1,2,3-trimethyl-4-propenyl_7											0.19 J	
Naphthalene, 1,3-dimethyl-_6.74											0.42 J	
Naphthalene, 1,3-dimethyl-_6.82											0.46 J	
Naphthalene, 1,3-dimethyl-_7			21 J									
Naphthalene, 1,3-dimethyl-_7.07			13 J									
Naphthalene, 1,3-dimethyl-_7.14			15 J									
Naphthalene, 1,4,6-trimethyl-_7.24											0.22 J	
Naphthalene, 1,4,6-trimethyl-_7.31											0.23 J	
Naphthalene, 1,5-dimethyl-_6.69											0.33 J	
Naphthalene, 1-ethyl-_6.64											0.26 J	
Naphthalene, 1-ethyl-_6.94			14 J									

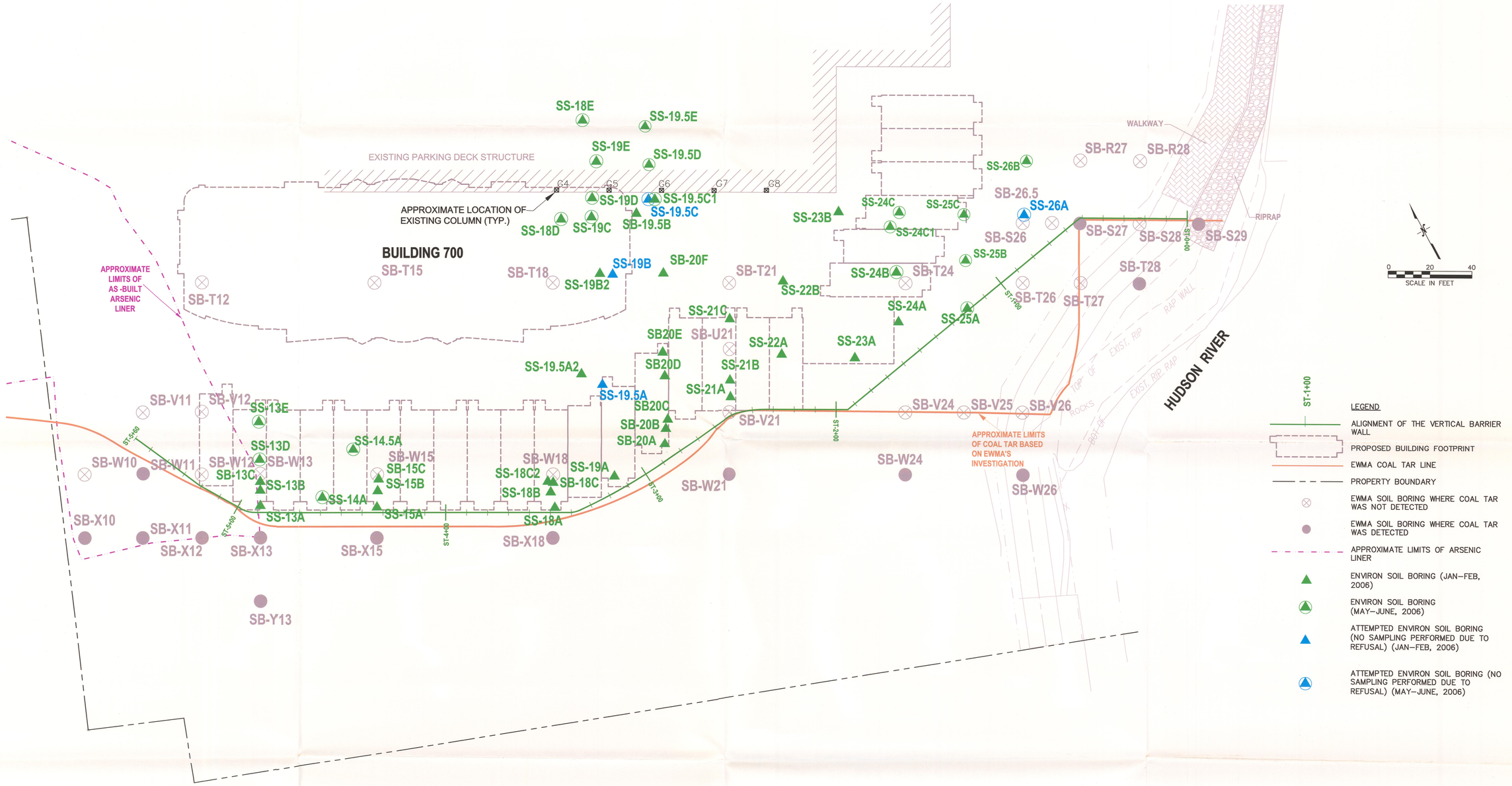
TABLE 3
Analytical Results for Tentatively Identified Compounds (TICs)
K. Hovnanian, Edgewater

Location	SS-13D	SS-13D	SS-13D	SS-13D	SS-13E	SS-13E	SS-13E	SS-13E	SS-14.5A	SS-14A	SS-14A	SS-14A
ENVIRON Sample ID	SS-13D 04000600	SS-13D 06000800	SS-13D 14001450	SS-13D 19502000	SS-13E11501200	SS-13E15001550	SS-13E17001800	SS-13E19502000	SS-14.5A 13001400	SS-14A 13501400	SS-14A 15001600	SS-14A 17501800
Collection Method	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab	grab
Collection Date	6/1/2006	6/1/2006	6/1/2006	6/1/2006	6/5/2006	6/5/2006	6/5/2006	6/5/2006	6/6/2006	6/2/2006	6/2/2006	6/2/2006
Collection Depth (ft)	4-6	6-8	14-14.5	19.5-20	11.5-12	15-15.5	17-18	19.5-20	13-14	13.5-14	15-16	17.5-18
Comments												
SVOC-TIC (Cont.)												
Naphthalene, 1-methyl-_6.3											0.9 J	
Naphthalene, 1-methyl-_6.6				0.19 J								
Naphthalene, 2,3-dimethyl-_7.05			29 J									
Naphthalene, 2-phenyl-_9.09											0.19 J	
Octane, 2,2,6-trimethyl-_4.52	1.9 J											
Octane, 2-methyl-_2.31					0.44 JB		0.26 JB	0.91 JB				
Octane, 2-methyl-_2.91									2.3 JB			
Octane, 2-methyl-_2.94					1.3 J			0.92 J				
Octane, 2-methyl-_2.95							0.92 J					
Octane, 3-methyl-_2.97	2.4 JB	2.1 JB		2.9 JB								
Octane, 3-methyl-_3.04									0.25 JB			
Oxirane, [(hexadecyloxy)methyl]-_5.09		0.52 J										
Pentadecane_5.09	3.8 J											
Pentadecane_9.5		0.46 J										
Phenanthrene, 4-methyl-_8.79											0.35 J	
Phenanthrene, 9-dodecyltetradecahydro-_13		0.83 J										
Piperitone Semicarbazone_8.13						1 J						
Pyridine, 2,3,6-trimethyl-_4.55											0.39 J	
Pyridine, 2,4,6-trimethyl-_4.44											1.1 J	
Tetradecane_6.65						1.7 J						
Tetradecane_8.72						1 J						
Undecane, 4,6-dimethyl-_5.84						1 J						
Undecane, 4,6-dimethyl-_6.11						1.1 J						
Undecane_5.5	1.3 J											
unknown_1.47									0.99 JB			
Unknown_11.93						1.2 J						
unknown_13.03	1 J											
unknown_13.33	1.4 J	0.66 J										
unknown_14.87		0.35 J										
unknown_15.08		0.43 J										
unknown_2.6				0.19 J								
unknown_2.76					0.36 J							
unknown_3.34				0.28 J								
unknown_3.48				0.23 J								
unknown_4.09									0.27 JB			
unknown_4.1					0.39 J							
unknown_5.06	1.5 J											
unknown_5.2		0.84 J										
unknown_5.29	2.6 J											
unknown_5.32	1.3 J											
unknown_5.63	1.9 J											
unknown_6.6			34 J									
unknown_6.76											0.19 J	
unknown_7.09				0.2 J								
unknown_7.82						3.6 J						
unknown_9.82		0.38 J										
Xylene_3.54			16 J									
Xylene_3.84		0.32 J										

Notes:
1 All concentrations are presented in mg/kg (ppm).
2 Only compounds with at least one detection are

Abbreviations:
U -- Not Detected.
J -- Estimated Concentration.
( ) -- Detection Limit.
B -- The analyte was found in the blank as well as in the sample.
A -- Indicates an aldol condensate.

FIGURES



SOURCE:
"UTILITY PLAN – PHASE TWO (GROUND LEVEL)" TAB FROM 5/12/2005 PROGRESS PRINT VERSION OF 2551.dwg, MCB ENGINEERING ASSOCIATES, PC.

SURVEYED AS–BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN JANUARY AND FEBRUARY 2006 PROVIDED BY McCUTCHEON ASSOCIATES, P.A. ON FEBRUARY 23, 2006.

SURVEYED AS–BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN MAY AND JUNE 2006 PROVIDED BY McCUTCHEON ASSOCIATES, P.A. ON JUNE 16, 2006.

AS–BUILT EXTERIOR EDGE OF THE EXISTING PARKING DECK STRUCTURE PROVIDED BY McCUTCHEON ASSOCIATES, P.A. ON FEBRUARY 23, 2006.

APPROXIMATE COLUMN AS–BUILT LOCATIONS OBTAINED FROM A PLAN ENTITLED "GROUND FLOOR PLAN, PARKING STRUCTURE, RIVER ROAD, EDGEWATER NJ, DATED 08/13/04", BY MICHELS & WALDRON ASSOCIATES, LLC.

DATE	DRWN	REVISIONS

1 PLATE

SOIL BORING LOCATION MAP

THE PROMENADE
K. HOVNANIAN BUILDING 700
EDGEWATER, BERGEN COUNTY, NJ

ENVIRON
214 CARNEGIE CENTER, PRINCETON, NJ 08540
www.environcorp.com

6/28/06	AS SHOWN	14537AAB02	
DATE	SCALE	CADD FILE	
JS/WK	PRM/CP	N. SOLER	
DESIGNED BY	DRAFTED BY	APPROVED BY	

NESTOR D. SOLER
NJ PE No. 24GE03791600

DATE

PMASCARO 6/30/06 F:\2014537\

Location	SS-19D	SS-19D
Collection Depth (ft)	12.5-13	14-14.5
Benzo(a)anthracene	1.8 (0.39)	0.75 (0.39)
Benzo(a)pyrene	1.5 (0.39)	0.61 (0.39)
Benzo(b)fluoranthene	2 (0.39)	0.73 (0.39)
Indeno(1,2,3-cd)pyrene	1.1 (0.39)	0.46 (0.39)

Location	SS-18E
Collection Depth (ft)	11-12
Benzo(a)anthracene	9.6 (1.9)
Benzo(a)pyrene	7.2 (1.9)
Benzo(b)fluoranthene	9.7 (1.9)
Benzo(k)fluoranthene	2.9 (1.9)
Dibenz(a,h)anthracene	1.4 J (1.9)
Indeno(1,2,3-cd)pyrene	3.7 (1.9)

Location	SS-19E
Collection Depth (ft)	10-11
PAH - None Exceed	

Location	SS-19.5E
Collection Depth (ft)	10-12
Benzo(a)anthracene	1.3 (0.38)
Benzo(a)pyrene	1.1 (0.38)
Benzo(b)fluoranthene	1.5 (0.38)

Location	SS-19.5C1
Collection Depth (ft)	10-11
Benzo(a)anthracene	6.2 (3.7)
Benzo(a)pyrene	5 (3.7)
Benzo(b)fluoranthene	6.9 (3.7)
Benzo(b)fluoranthene	2.3 J (3.7)
Dibenz(a,h)anthracene	0.85 J (3.7)
Indeno(1,2,3-cd)pyrene	2.7 J (3.7)

Location	SS-23B	SS-23B
Depth (ft)	8.5-9	19-19.5
Benzo(a)anthracene	3.7 (0.44)	ND (0.55)
Benzo(a)pyrene	3.5 (0.44)	ND (0.55)
Benzo(b)fluoranthene	4.2 (0.44)	ND (0.55)
Benzo(k)fluoranthene	1.7 (0.44)	ND (0.55)
Dibenz(a,h)anthracene	0.78 (0.44)	ND (0.55)
Indeno(1,2,3-cd)pyrene	2.2 (0.44)	ND (0.55)

Location	SS-19B2
Depth (ft)	11.5-12
Benzo(a)anthracene	39 (19)
Benzo(a)pyrene	33 (19)
Benzo(b)fluoranthene	40 (19)
Benzo(k)fluoranthene	14 J (19)
Chrysene	34 (19)
Dibenz(a,h)anthracene	3.6 J (19)
Indeno(1,2,3-cd)pyrene	13 J (19)
Pyrene	120 (19)

Location	SS-18D	SS-18D
Collection Depth (ft)	10-10	11-11
Benzo(a)anthracene	1.6 (1.1)	0.27 J (1.8)
Benzo(a)pyrene	1.2 (1.1)	0.2 J (1.8)
Benzo(b)fluoranthene	1.5 (1.1)	0.28 J (1.8)

Location	SS-19C
Collection Depth (ft)	10-10.5
Benzo(a)anthracene	6.4 (2)
Benzo(a)pyrene	5.5 (2)
Benzo(b)fluoranthene	7 (2)
Benzo(k)fluoranthene	3 (2)
Dibenz(a,h)anthracene	1.6 J (2)
Indeno(1,2,3-cd)pyrene	3.8 (2)

Location	SS-19.5D	SS-19.5D
Collection Depth (ft)	12-13	17-18
Benzo(a)anthracene	13 (2)	0.78 (0.4)
Benzo(a)pyrene	11 (2)	0.66 (0.4)
Benzo(b)fluoranthene	16 (2)	0.94 (0.4)
Benzo(k)fluoranthene	3.3 (2)	0.37 J (0.4)
Chrysene	12 (2)	0.67 (0.4)
Dibenz(a,h)anthracene	2.2 (2)	0.08 J (0.4)
Indeno(1,2,3-cd)pyrene	6.2 (2)	0.29 J (0.4)

Location	SS-19B2
Depth (ft)	11.5-12
Benzo(a)anthracene	39 (19)
Benzo(a)pyrene	33 (19)
Benzo(b)fluoranthene	40 (19)
Benzo(k)fluoranthene	14 J (19)
Chrysene	34 (19)
Dibenz(a,h)anthracene	3.6 J (19)
Indeno(1,2,3-cd)pyrene	13 J (19)
Pyrene	120 (19)

Location	SS-18C	SS-18C
Depth (ft)	15-15.5	16.5-17
Benzo(a)anthracene	4.5 (1.9)	0.58 (0.39)
Benzo(a)pyrene	3.2 (1.9)	0.4 (0.39)
Benzo(b)fluoranthene	4 (1.9)	0.48 (0.39)
Benzo(k)fluoranthene	1.4 J (1.9)	0.12 J (0.39)
Dibenz(a,h)anthracene	0.33 J (1.9)	0.07 J (0.39)
Indeno(1,2,3-cd)pyrene	1.2 J (1.9)	0.2 J (0.39)

Location	SS-15C	SS-15C
Depth (ft)	12-12.5	15-15.5
Benzo(a)anthracene	0.34 J (0.43)	12 (4.2)
Benzo(a)pyrene	0.35 J (0.43)	8.6 (4.2)
Benzo(b)fluoranthene	0.39 J (0.43)	7.9 (4.2)
Benzo(k)fluoranthene	0.14 J (0.43)	2.8 J (4.2)
Chrysene	0.32 J (0.43)	11 (4.2)
Dibenz(a,h)anthracene	0.05 J (0.43)	1.1 (4.2)
Indeno(1,2,3-cd)pyrene	0.16 J (0.43)	2.4 J (4.2)

Location	SS-15B
Depth (ft)	15.5-16
Benzo(a)anthracene	29 (8.5)
Benzo(a)pyrene	19 (8.5)
Benzo(b)fluoranthene	26 (8.5)
Benzo(k)fluoranthene	6.2 J (8.5)
Chrysene	25 (8.5)
Dibenz(a,h)anthracene	2.2 J (8.5)
Indeno(1,2,3-cd)pyrene	6.9 J (8.5)

Location	SS-13C	SS-13C
Depth (ft)	13.5-14	14.5-15
Naphthalene	4.5 (1.4)	660 (42)

Location	SS-13B
Depth (ft)	14.5-15
PAH - None Exceed	

Location	SS-13A
Depth (ft)	17-17.5
PAH - None Exceed	

Location	SS-22A
Depth (ft)	11.5-12
PAH - None Exceed	

Location	SS-23A
Depth (ft)	10-14
Benzo(a)anthracene	1.7 (0.41)
Benzo(a)pyrene	1.5 (0.41)
Benzo(b)fluoranthene	1.9 (0.41)
Indeno(1,2,3-cd)pyrene	0.92 (0.41)

Location	SS-24B	SS-24B
Collection Depth (ft)	15-17	18.5-19
Benzo(a)anthracene	2.5 (0.4)	ND (0.42)
Benzo(a)pyrene	2.1 (0.4)	ND (0.42)
Benzo(b)fluoranthene	2.7 (0.4)	ND (0.42)
Benzo(k)fluoranthene	1.1 (0.4)	ND (0.42)
Indeno(1,2,3-cd)pyrene	1.5 (0.4)	ND (0.42)

Location	SS-24A
Depth (ft)	9.5-10
Benzo(a)anthracene	46 (21)
Benzo(a)pyrene	31 (21)
Benzo(b)fluoranthene	48 (21)
Benzo(k)fluoranthene	20 J (21)
Chrysene	40 (21)
Dibenz(a,h)anthracene	3.1 J (21)
Indeno(1,2,3-cd)pyrene	11 J (21)

Location	SS-22B
Depth (ft)	14-14.5
Benzo(a)anthracene	1.1 (0.41)
Benzo(a)pyrene	0.88 (0.41)
Benzo(b)fluoranthene	1.1 (0.41)

Location	SS-25A	SS-25A	SS-25A
Collection Depth (ft)	21-22	16-17.5	24.5-25.5
Benzo(a)anthracene	0.12 J (0.4)	0.92 (0.42)	ND (0.52)
Benzo(a)pyrene	0.07 J (0.4)	0.72 (0.42)	0.45 J (0.52)
Benzo(b)fluoranthene	0.09 J (0.4)	0.93 (0.42)	ND (0.52)

Location	SS-19A
Depth (ft)	13-13.5
PAH - None Exceed	

Location	SS-19.5A2	SS-19.5A2
Depth (ft)	11.5-12	12-12.5
PAH - None Exceed		

Location	SS-15A
Depth (ft)	18.5-19
Acenaphthene	170 (43)
Anthracene	240 (43)
Benzo(a)anthracene	140 (43)
Benzo(a)pyrene	97 (43)
Benzo(b)fluoranthene	87 (43)
Benzo(k)fluoranthene	32 J (43)
Chrysene	130 (43)
Dibenz(a,h)anthracene	12 J (43)
Fluoranthene	290 (43)
Fluorene	240 (43)
Indeno(1,2,3-cd)pyrene	34 J (43)
Pyrene	350 (43)

Location	SS-18B	SS-18B
Depth (ft)	14.5-15	17.5-18
Benzo(a)pyrene	0.69 (0.4)	0.06 J (0.39)

Location	SS-18A	SS-18A
Depth (ft)	12-12.5	15.5-16
Benzo(a)anthracene	29 (4.1)	33 (15)
Benzo(a)pyrene	26 (4.1)	26 (15)
Benzo(b)fluoranthene	37 (4.1)	33 (15)
Benzo(k)fluoranthene	9.3 (4.1)	7.4 J (15)
Chrysene	27 (4.1)	23 (15)
Dibenz(a,h)anthracene	4.3 (4.1)	3.1 J (15)
Indeno(1,2,3-cd)pyrene	13 (4.1)	10 J (15)
Naphthalene	1.1 J (4.1)	210 (15)

Analyte	NJ Residential Direct Contact Soil Cleanup Criteria (mg/kg)	NJ Nonresidential Direct Contact Soil Cleanup Criteria (mg/kg)	NJ Impact to Ground Water Soil Cleanup Criteria (mg/kg)
Acenaphthene	3400	10000	100
Anthracene	10000	10000	100
Benzo(a)anthracene	0.9	4	500
Benzo(a)pyrene	0.66	0.66	100
Benzo(b)fluoranthene	0.9	4	50
Benzo(k)fluoranthene	0.9	4	500
Chrysene	9	40	500
Dibenz(a,h)anthracene	0.66	0.66	100
Fluoranthene	2300	10000	100
Fluorene	2300	10000	100
Indeno(1,2,3-cd)pyrene	0.9	4	500
Naphthalene	230	4200	100
Pyrene	1700	10000	100

Notes:

1 All concentrations are presented in mg/kg (ppm).
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NJ Residential Direct Contact Soil Cleanup Criteria are **boldfaced.**
4 Concentrations that exceed the NJ Nonresidential Direct Contact Soil Cleanup Criteria are double underlined.
5 Concentrations that exceed the NJ Impact to Ground Water Soil Cleanup Criteria are *italicized*.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Detection Limit.

BUILDING 700
EXISTING PARKING DECK STRUCTURE
LIMITS OF COAL TAR BASED ON ENVIRON'S INVESTIGATION
APPROXIMATE LIMITS OF AS-BUILT ARSENIC LINER
APPROXIMATE LIMITS OF COAL TAR BASED ON EWMA'S INVESTIGATION
WALKWAY
RIPRAP
HUDSON RIVER
SCALE IN FEET 0 25 50

LEGEND

- ALIGNMENT OF THE VERTICAL BARRIER WALL
- EXISTING TOPOGRAPHIC CONTOUR
- PROPOSED TOPOGRAPHIC CONTOUR
- PROPOSED BUILDING FOOTPRINT
- EWMA COAL TAR LINE
- PROPERTY BOUNDARY
- EWMA SOIL BORING WHERE COAL TAR WAS NOT DETECTED
- EWMA SOIL BORING WHERE COAL TAR WAS DETECTED
- LIMIT OF COAL TAR PLUME
- APPROXIMATE LIMITS OF ARSENIC LINER
- ENVIRON SOIL BORING (JAN–FEB, 2006)
- ENVIRON SOIL BORING (MAY–JUNE, 2006)
- ENVIRON SOIL BORING WHERE COAL TAR WAS NOT OBSERVED
- ATTEMPTED ENVIRON SOIL BORING (NO SAMPLING PERFORMED DUE TO REFUSAL)
- ENVIRON SOIL BORING WHERE COAL TAR WAS OBSERVED

SOURCE:
"UTILITY PLAN – PHASE TWO (GROUND LEVEL)" TAB FROM 5/12/2005 PROGRESS PRINT VERSION OF 2551.dwg, MCB ENGINEERING ASSOCIATES, PC.

SURVEYED AS-BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN JANUARY AND FEBRUARY 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

SURVEYED AS-BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN MAY AND JUNE 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON JUNE 16, 2006.

AS-BUILT EXTERIOR EDGE OF THE EXISTING PARKING DECK STRUCTURE PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

DATE	DRWN	REVISIONS

2 PLATE

COAL TAR DELINEATION
PAH EXCEEDANCES

THE PROMENADE
K. HOVNANIAN BUILDING 700
EDGEWATER, BERGEN COUNTY, NJ

ENVIRON
214 CARNEGIE CENTER, PRINCETON, NJ 08540
www.environcorp.com

6/28/06	AS SHOWN	14537AS06	
DATE	SCALE	CADD FILE	
JS/WK	PRM/CP	N. SOLER	
DESIGNED BY	DRAFTED BY	APPROVED BY	

NESTOR D. SOLER
NJ PE No. 24GE03791600
DATE

PMASCARO 6/30/06 F:\2014537a

Location	SS-13E	SS-13E	SS-13E	SS-13E
Collection Depth (ft)	11.5-12	15-15.5	17-18	19.5-20
SVOC TICs	71.72 J	50.26 J	73.85 J	86.6 J
VOC TICs	ND	8.87 J	0.38 J	0.43 J
Benzo(a)anthracene	ND (0.4)	**1.9 (0.42)**	ND (0.43)	ND (0.38)
Benzo(a)pyrene	ND (0.4)	**1 (0.42)**	ND (0.43)	ND (0.38)
Benzo(b)fluoranthene	ND (0.4)	**1.4 (0.42)**	ND (0.43)	ND (0.38)
VOC - None Exceed applicable Criteria				

Location	SS-13D	SS-13D	SS-13D	SS-13D
Collection Depth (ft)	4-6	6-8	14-14.5	19.5-20
Tetrachloroethene	0.61 (0.49)	*1.1 (0.51)*	ND (0.45)	ND (0.59)
Xylenes (total)	0.69 (0.2)	8.1 (0.2)	*126 (0.18)*	ND (0.24)
SVOC TICs	102.1 J	58.58 J	459 J	73.34 J
VOC TICs	ND	47.1 J	51.8 J	0.44 J
Benzo(a)anthracene	**1.5 (1.2)**	0.47 (0.38)	ND (21)	ND (0.41)
Benzo(a)pyrene	**1.3 (1.2)**	0.45 (0.38)	ND (21)	ND (0.41)
Benzo(b)fluoranthene	**1.8 (1.2)**	0.52 (0.38)	ND (21)	ND (0.41)
Naphthalene	0.44 J (1.2)	0.13 J (0.38)	*140 (21)*	0.49 (0.41)

Location	SS-13C
Collection Depth (ft)	14.5-15
Methylene Chloride	*1.3 B (0.57)*
Xylenes (total)	*109 (0.23)*
Naphthalene	***660 (42)***
SVOC TICs	9.68
VOC TICs	67.5

Location	SS-13A
Depth (ft)	SOIL CUTTINGS
Benzene	*2.5 (0.11)*
Chlorobenzene	*2.1 (0.56)*
Tetrachloroethene	*3.3 (0.56)*
Benzo(a)anthracene	**8.5 (7.3)**
Benzo(a)pyrene	**4.5 J (7.3)**
Benzo(b)fluoranthene	**6.9 J (7.3)**
Benzo(k)fluoranthene	**2.5 J (7.3)**
Indeno(1,2,3-cd)pyrene	**1.8 J (7.3)**
SVOC TICs	829.6J
VOC TICs	38.4J

Note: Sample collected from the air hammer drill cuttings of the upper 7 feet.

Location	SS-14A	SS-14A	SS-14A
Collection Depth (ft)	13.5-14	15-16	17.5-18
SVOC TICs		13.03 J	
VOC TICs	6.04 J	ND	825 J
VOC - None Exceed			
SVOC - None Exceed			

Location	SS-14.5A
Collection Depth (ft)	13-14
SVOC TICs	74.76 J
VOC TICs	0.4 J
VOC - None Exceed	
SVOC - None Exceed	

Analyte	NJ Residential Direct Contact Soil Cleanup Criteria (mg/kg)	NJ Nonresidential Direct Contact Soil Cleanup Criteria (mg/kg)	NJ Impact to Ground Water Soil Cleanup Criteria (mg/kg)
Benzene	3	13	1
Chlorobenzene	37	680	1
Methylene Chloride	49	210	1
Tetrachloroethene	4	6	1
Xylenes (total)	410	1000	67
SVOC TICs			
VOC TICs			
Benzo(a)anthracene	0.9	4	500
Benzo(a)pyrene	0.66	0.66	100
Benzo(b)fluoranthene	0.9	4	50
Benzo(k)fluoranthene	0.9	4	500
Indeno(1,2,3-cd)pyrene	0.9	4	500
Naphthalene	230	4200	100

Notes:

1 All concentrations are presented in mg/kg (ppm).
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NJ Residential Direct Contact Soil Cleanup Criteria are **boldfaced.**
4 Concentrations that exceed the NJ Nonresidential Direct Contact Soil Cleanup Criteria are double underlined.
5 Concentrations that exceed the NJ Impact to Ground Water Soil Cleanup Criteria are *italicized*.

Abbreviations:

U -- Not Detected.
J -- Estimated Concentration.
( ) -- Detection Limit.

BUILDING 700
EXISTING PARKING DECK STRUCTURE
APPROXIMATE LIMITS OF AS-BUILT ARSENIC LINER
APPROXIMATE LIMITS OF COAL TAR BASED ON EWMA'S INVESTIGATION
HUDSON RIVER
WALKWAY
RIPRAP
ST-1+00
ST-2+00
ST-3+00
ST-4+00
ST-5+00

SS-18E, SS-19.5E, SS-19E, SS-19.5D, SS-19D, SS-19.5C1, SS-19.5C, SS-19.5B, SS-18D, SS-19C, SS-19B, SS-20F, SB-19B2, SB-T15, SB-T18, SB-T21, SB-T12, SS-22B, SS-23B, SS-24C, SS-25C, SS-24C1, SS-24B, SB-T24, SS-25B, SS-24A, SS-25A, SS-26B, SB-26.5, SS-26A, SB-S26, SB-R27, SB-R28, SB-S27, SB-S28, SB-S29, SB-T28, SB-T26, SB-T27, SS-21C, SB-U21, SS-22A, SS-23A, SB20E, SB20D, SS-21B, SS-19.5A2, SS-21A, SB-V24, SB-V25, SB-V26, SB20C, SB-20B, SB-20A, SB-V21, SS-19.5A, SB-V11, SB-V12, SS-13E, SS-13D, SS-14.5A, SB-W10, SB-W11, SB-W12, SB-W13, SB-W15, SS-15C, SS-15B, SB-13C, SS-13B, SS-14A, SS-13A, SS-15A, SB-W18, SS-18C2, SS-19A, SS-18C, SB-18B, SS-18A, SB-W21, SB-W24, SB-W26, SB-X10, SB-X11, SB-X12, SB-X13, SB-X15, SB-X18, SB-Y13

LEGEND

- ALIGNMENT OF THE VERTICAL BARRIER WALL
- PROPOSED BUILDING FOOTPRINT
- EWMA COAL TAR LINE
- PROPERTY BOUNDARY
- EWMA SOIL BORING WHERE COAL TAR WAS NOT DETECTED
- EWMA SOIL BORING WHERE COAL TAR WAS DETECTED
- APPROXIMATE LIMITS OF ARSENIC LINER
- ENVIRON SOIL BORING (JAN–FEB, 2006)
- ENVIRON SOIL BORING (MAY–JUNE, 2006)
- ATTEMPTED ENVIRON SOIL BORING (NO SAMPLING PERFORMED DUE TO REFUSAL)
- ENVIRON SOIL BORING WITH NO NAPTHALENE, SWEET CHEMICAL, AND/OR UNKNOWN ALCOHOL TYPE ODOR
- ENVIRON SOIL BORING WITH ELEVATED PID/FID READINGS AND NAPTHALENE, SWEET CHEMICAL, AND/OR UNKNOWN ALCOHOL TYPE ODOR
- EXTENT OF NAPTHALENE, SWEET CHEMICAL, AND/OR UNKNOWN ALCOHOL TYPE CHEMICAL ODOR

0 25 50
SCALE IN FEET

SOURCE:
"UTILITY PLAN – PHASE TWO (GROUND LEVEL)" TAB FROM 5/12/2005 PROGRESS PRINT VERSION OF 2551.dwg, MCB ENGINEERING ASSOCIATES, PC.

SURVEYED AS-BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN JANUARY AND FEBRUARY 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

SURVEYED AS-BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN MAY AND JUNE 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON JUNE 16, 2006.

AS-BUILT EXTERIOR EDGE OF THE EXISTING PARKING DECK STRUCTURE PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

DATE	DRWN	REVISIONS

3 PLATE

SWEET CHEMICAL AND/OR MOTHBALL ODOR DELINEATION
VOC & SVOC SAMPLING RESULTS

THE PROMENADE
K. HOVNANIAN BUILDING 700
EDGEWATER, BERGEN COUNTY, NJ

ENVIRON
214 CARNEGIE CENTER, PRINCETON, NJ 08540
www.environcorp.com

6/28/06	AS SHOWN	14537AS06
DATE	SCALE	CADD FILE
JS/WK	PRM/CP	N. SOLER
DESIGNED BY	DRAFTED BY	APPROVED BY

NESTOR D. SOLER
NJ PE No. 24GE03791600
DATE

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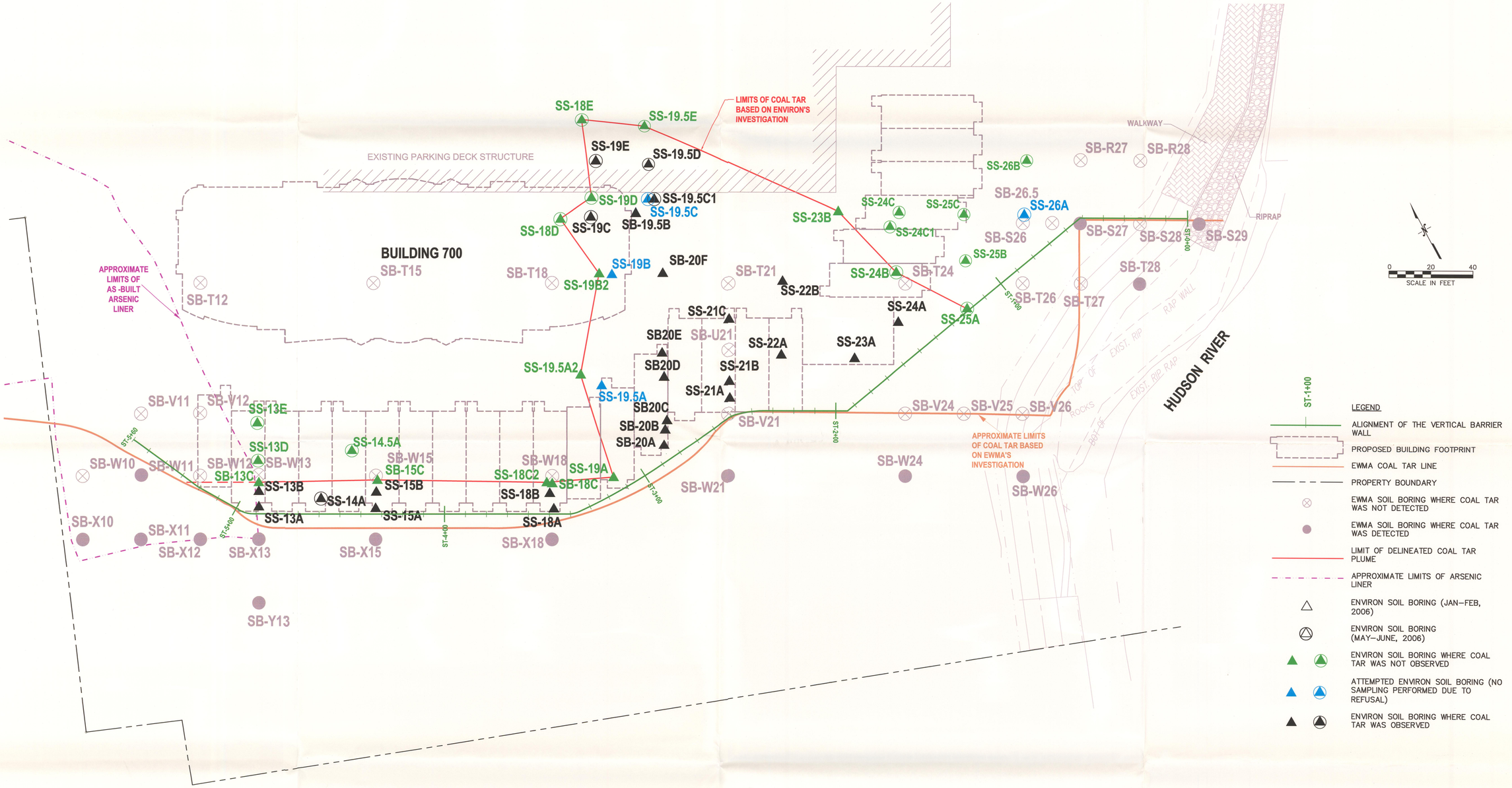

SOURCE:
"UTILITY PLAN – PHASE TWO (GROUND LEVEL)" TAB FROM 5/12/2005 PROGRESS PRINT VERSION OF 2551.dwg, MCB ENGINEERING ASSOCIATES, PC.

SURVEYED AS-BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN JANUARY AND FEBRUARY 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

SURVEYED AS-BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN MAY AND JUNE 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON JUNE 16, 2006.

AS-BUILT EXTERIOR EDGE OF THE EXISTING PARKING DECK STRUCTURE PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

DATE	DRWN	REVISIONS

4 PLATE — EXTENT OF COAL TAR LIMIT

THE PROMENADE
K. HOVNANIAN BUILDING 700
EDGEWATER, BERGEN COUNTY, NJ

ENVIRON
214 CARNEGIE CENTER, PRINCETON, NJ 08540
www.environcorp.com

6/28/06	AS SHOWN	14537AAB02
DATE	SCALE	CADD FILE
JS/WK	PRM/CP	N. SOLER
DESIGNED BY	DRAFTED BY	APPROVED BY

NESTOR D. SOLER
NJ PE No. 24GE03791600
DATE

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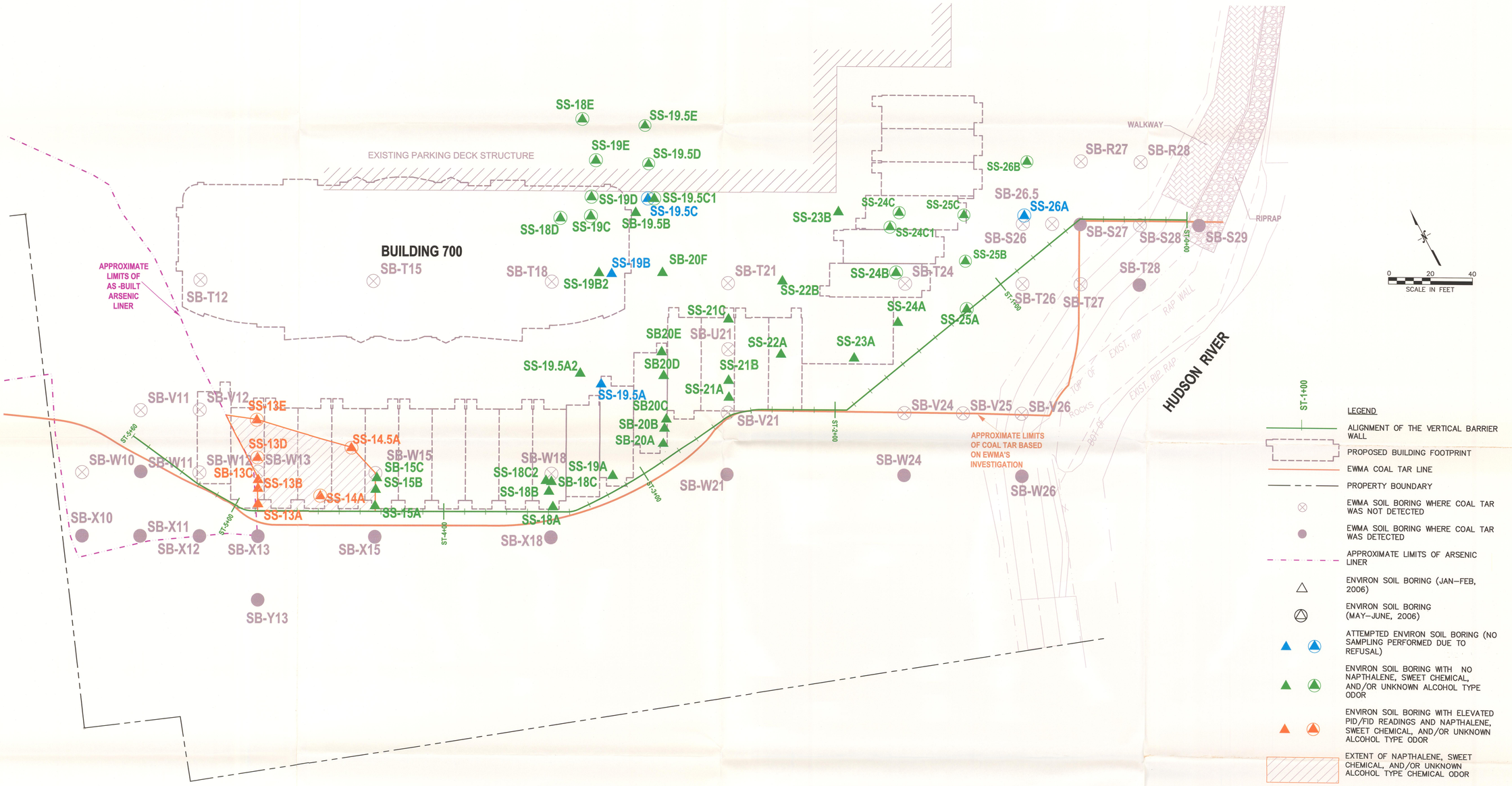


LEGEND

- ALIGNMENT OF THE VERTICAL BARRIER WALL
- PROPOSED BUILDING FOOTPRINT
- EWMA COAL TAR LINE
- PROPERTY BOUNDARY
- EWMA SOIL BORING WHERE COAL TAR WAS NOT DETECTED
- EWMA SOIL BORING WHERE COAL TAR WAS DETECTED
- APPROXIMATE LIMITS OF ARSENIC LINER
- ENVIRON SOIL BORING (JAN–FEB, 2006)
- ENVIRON SOIL BORING (MAY–JUNE, 2006)
- ATTEMPTED ENVIRON SOIL BORING (NO SAMPLING PERFORMED DUE TO REFUSAL)
- ENVIRON SOIL BORING WITH NO NAPTHALENE, SWEET CHEMICAL, AND/OR UNKNOWN ALCOHOL TYPE ODOR
- ENVIRON SOIL BORING WITH ELEVATED PID/FID READINGS AND NAPTHALENE, SWEET CHEMICAL, AND/OR UNKNOWN ALCOHOL TYPE ODOR
- EXTENT OF NAPTHALENE, SWEET CHEMICAL, AND/OR UNKNOWN ALCOHOL TYPE CHEMICAL ODOR

SOURCE:

"UTILITY PLAN – PHASE TWO (GROUND LEVEL)" TAB FROM 5/12/2005 PROGRESS PRINT VERSION OF 2551.dwg, MCB ENGINEERING ASSOCIATES, PC.

SURVEYED AS–BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN JANUARY AND FEBRUARY 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

SURVEYED AS–BUILT LOCATION OF SOIL BORINGS ADVANCED BETWEEN MAY AND JUNE 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON JUNE 16, 2006.

AS–BUILT EXTERIOR EDGE OF THE EXISTING PARKING DECK STRUCTURE PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

DATE	DRWN	REVISIONS

PLATE 5 — EXTENT OF "SWEET CHEMICAL" ODOR

THE PROMENADE
K. HOVNANIAN BUILDING 700
EDGEWATER, BERGEN COUNTY, NJ

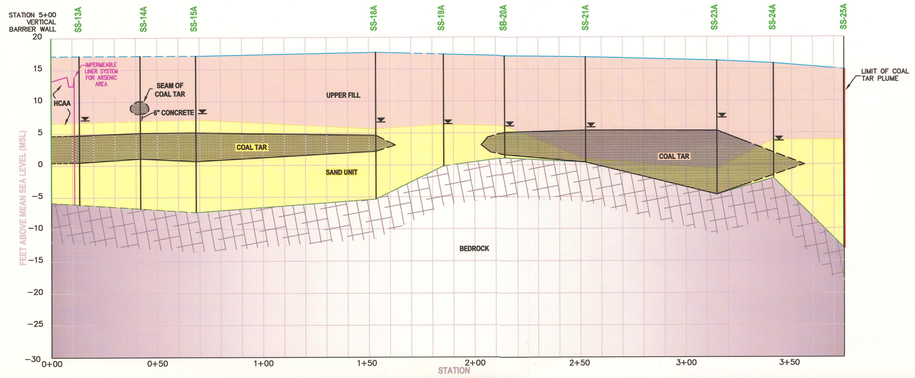
ENVIRON
214 CARNEGIE CENTER, PRINCETON, NJ 08540
www.environcorp.com

DATE	SCALE	CADD FILE
6/28/06	AS SHOWN	14537AAB02

DESIGNED BY	DRAFTED BY	APPROVED BY
JS/WK	PRM/CP	N. SOLER

NESTOR D. SOLER
NJ PE No. 24GE03791600
DATE

PMASCAR0 6/30/06 F:\0214537a



SECTION A–A'

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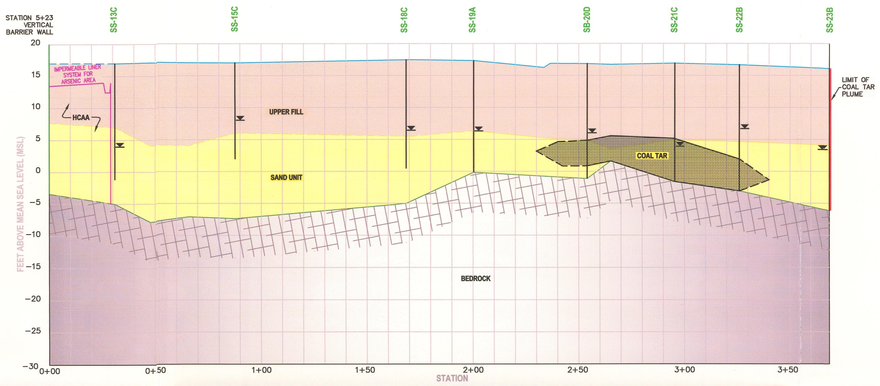
VERT. 1"=10'



SECTION B–B'

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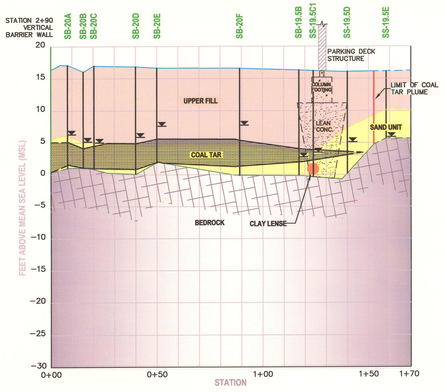
VERT. 1"=10'



SECTION C–C'

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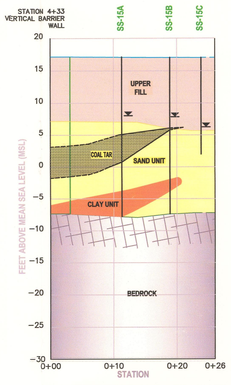
VERT. 1"=10'



SECTION D–D'

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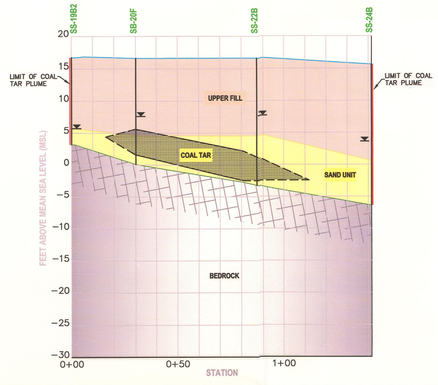
VERT. 1"=10'
(NO VERTICAL EXAGGERATION)



SECTION E–E'

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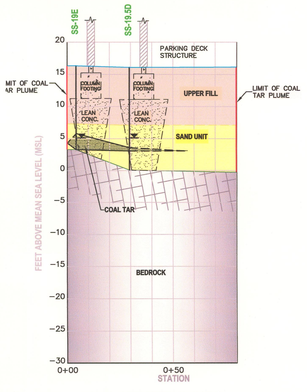
VERT. 1"=10'



SECTION F–F'

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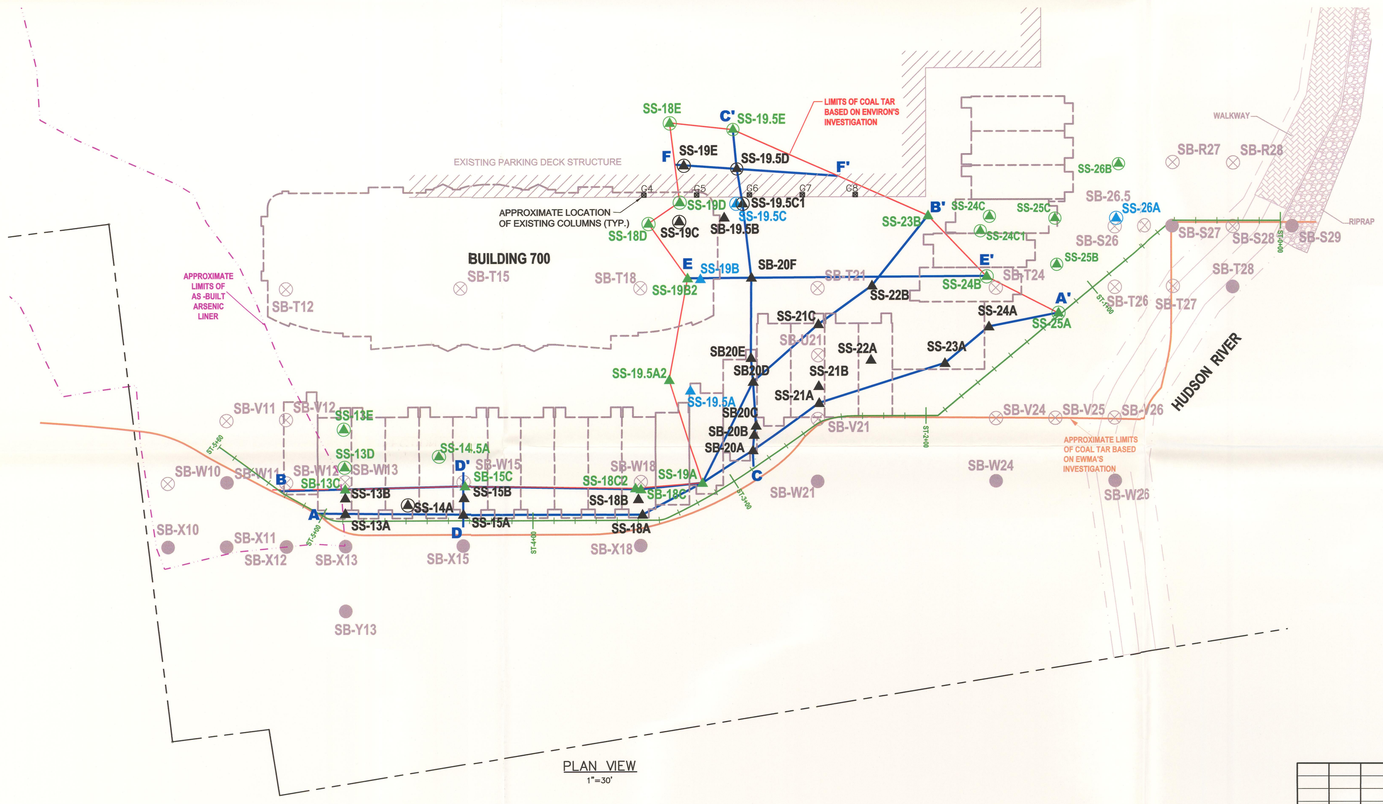
VERT. 1"=10'



PLAN VIEW

1"=30'

0 30 60

SCALE IN FEET

ST-1400

LEGEND

- ALIGNMENT OF THE VERTICAL BARRIER WALL
- EXISTING TOPOGRAPHIC CONTOUR
- PROPOSED TOPOGRAPHIC CONTOUR
- PROPOSED BUILDING FOOTPRINT
- EWMA COAL TAR LINE
- PROPERTY BOUNDARY
- EWMA SOIL BORING WHERE COAL TAR WAS NOT DETECTED
- EWMA SOIL BORING WHERE COAL TAR WAS DETECTED
- LIMIT OF COAL TAR PLUME
- APPROXIMATE LIMITS OF ARSENIC LINER
- A—A' CROSS SECTION LOCATION
- ENVIRON SOIL BORING (JAN–FEB, 2006)
- ENVIRON SOIL BORING (MAY–JUNE, 2006)
- ENVIRON SOIL BORING WHERE COAL TAR WAS NOT DETECTED
- ATTEMPTED ENVIRON SOIL BORING (NO SAMPLING PERFORMED DUE TO REFUSAL)
- ENVIRON SOIL BORING WHERE COAL TAR WAS DETECTED
- APPROXIMATE GROUNDWATER ELEVATION

- UPPER FILL: COARSE GRAIN SAND AND SILT, GRAVEL, BOULDERS, BRICK, CEMENT FRAGMENTS, ETC.
- SAND UNIT: RED/BROWN TO GRAY WELL SORTED FINE TO MEDIUM SAND (NATIVE)
- CLAY UNIT: RED/BROWN TO GRAY SILTY CLAY TO CLAY (NATIVE)
- FRACTURED BEDROCK
- BEDROCK
- COAL TAR

NOTE:

1. GEOLOGIC LAYER BOUNDARY LINES AND COAL TAR LIMITS THAT ARE DASHED WHERE EXTRAPOLATED.
2. HCAA – HIGH CONCENTRATION ARSENIC AREA

SOURCE:

"UTILITY PLAN – PHASE TWO (GROUND LEVEL)" TAB FROM 5/12/2005 PROGRESS PRINT VERSION OF 2551.dwg, MCB ENGINEERING ASSOCIATES, PC.

SURVEYED AS–BUILT LOCATION OF SOIL BORING ADVANCED BETWEEN JANUARY AND FEBRUARY 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

SURVEYED AS–BUILT LOCATION OF SOIL BORING ADVANCED BETWEEN MAY AND JUNE 2006 PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON JUNE 16, 2006.

AS–BUILT EXTERIOR EDGE OF THE EXISTING PARKING DECK STRUCTURE PROVIDED BY McCUTCHEON ASSOCIATES, PA. ON FEBRUARY 23, 2006.

COLUMN AS–BUILT DIMENSIONS & ELEVATIONS ARE TAKEN FROM "JOB: PROMENADE, SHEET NO.'S: COL. 5G & COL. 6G OF 700 PARKING, DATED: 05/26/05", BY NACAMULI ASSOCIATES L.L.C..

APPROXIMATE COLUMN AS–BUILT LOCATIONS OBTAINED FROM A PLAN ENTITLED "GROUND FLOOR PLAN, PARKING STRUCTURE, RIVER ROAD, EDGEWATER NJ, DATED 08/13/04", BY MICHELS & WALDRON ASSOCIATES, LLC.

DATE	DRWN	REVISIONS

6 PLATE	SOIL PROFILES ACROSS COAL TAR DELINEATED LIMITS	ENVIRON 214 CARNEGIE CENTER, PRINCETON, NJ 08540 www.environcorp.com	
THE PROMENADE K. HOVNANIAN BUILDING 700 EDGEWATER, BERGEN COUNTY, NJ		6/28/06 DATE | AS SHOWN SCALE | 14537AAX01 CADD FILE	
		JS/WK DESIGNED BY | PRM/CP DRAFTED BY | N. SOLER APPROVED BY	NESTOR D. SOLER NJ PE No. 24GE03791600 | DATE

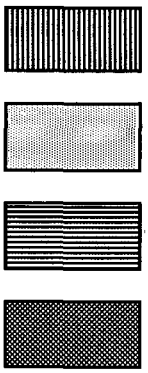
PlotSCALE 6/30/06 F:\0214537a

APPENDIX A

SOIL BORING LOGS

ENVIRON

SOIL BORING LOG KEY



UPPER FILL

SAND OR SILT

CLAY

BEDROCK

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-13D

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/1/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	6/1/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13'		
Boring Depth (ft):	26'	Ground Elev (ft)	17.18

Comments: predrilled to 4' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
12.2	5	15 12 15	12"	SS-13D 4000600		Dark brown med-crs SAND with trace gravel slight sweet odor	4.0/0
11.2	6	69					
10.2	7	36 19 16	23"	SS-13D 6000800		Dark brown med-crs SAND with trace gravel slight sweet odor	14/74
9.2	8	39					
8.2	9	12 100/3	10"			Dark brown med-crs SAND with trace gravel slight sweet odor	5.0/0
7.2	10						
6.2	11	10 12	2"			cement in tip	
5.2	12	27 24					
4.2	13		8"			12-13 Brown med-crs SAND with tr. concrete fragments	90/210
3.2	14					13-14 Dark brown coarse SAND (moist) very strong sweet chemical odor	
2.2	15	16 18 14	14.5	SS-13D 14001450		Dark brown coarse SAND (wet) very strong sweet chemical odor colorless glossy sheen on soil	56/9
1.2	16						
0.2	17	25 30	16			Light brown coarse SAND (wet) sweet chemical odor colorless glossy sheen on soil	83/103
-0.8	18	16 20					
-1.8	19	15 15	16	SS-13D 19502000		Light brown coarse SAND (wet) very slight chemical odor	7.6/15
-2.8	20	23 34					
-3.8	21					running sands	
-4.8	22						
-5.8	23						
-6.8	24						
-7.8	25						
-8.8	26					Bedrock at 26'	
-9.8	27					End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-13E

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/5/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	6/5/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	11'		
Boring Depth (ft):	22.5	Ground Elev (ft)	16.78

Comments: predrilled to 4' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
11.8	5	50 27	10"			Light brown silty SAND with some gravel, trace asphalt	0/15
10.8	6	25 100/1					
9.8	7	43 100	14"			Light brown silty SAND with some gravel 7.5-8' some staining	0/50
8.8	8	62 49					
7.8	9	17 40	22"			8-9 Light brown SILT, some sand, cinders, coal-tar odor	3.3/4.4
6.8	10	72 26				9.5-10 concrete	
5.8	11	13 15	20"	SS-13E 11501200		▼ 10-11' black stained medium coarse SAND with coal-tar odor (moist) 11-12' brown medium-coarse SAND (wet)	0.2/4
4.8	12	18 22					
3.8	13	20 26	16"			Brown medium-fine SAND with trace silt (wet)	30/20
2.8	14	24 17					
1.8	15	12 10	24"	SS-13E 15001550		14-15' Brown medium-fine SAND with sweet chemical odor (wet) 15-16' Brown medium-fine SAND	40/40
0.8	16	11 13					
-0.2	17	16 13	22"	SS-13E 17001800		Brown medium-fine SAND (wet) witth mild alcohol type chemical odor	0/0
-1.2	18	19 24					
-2.2	19	27 85	24"	SS-13E 19502000		Brown medium-coarse SAND (wet) with mild unknown alcohol type chemical odor	0/4
-3.2	20	70 80					
-4.2	21					running sands	
-5.2	22						
-6.2	23					Bedrock @ 22.5' End of boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater
Edgewater, New Jersey

SS-14A

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT		
Rig Type:	CME 55 Truck Mounted	Start Date:	6/2/2006
Drilling Method:	Hollow Stem Auger	Finish Date:	6/2/2006
Sampling Method:	Split Spoon	Logged By:	P. Rodman
Double Cased?	No	Monitoring Equip.	PID/FID
Boring Diameter (in):	8"	Weather:	sunny , warm
Depth to Water (ft):	12		
Boring Depth (ft):	24'	Ground Elev (ft)	17.09

Comments: predrilled to 4' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
12.1	5	51 22 19	14"			Brown medium coarse SAND with some silt trace gravel	0/10
11.1	6	12 6					
10.1	7	6 51	16"			Brown/black stained coarse SAND slight odor coal tar product noted	0/35
9.1	8	100/1 12					
8.1	9	51 17	16"			Black stained coarse SAND bottom 2" concrete	0/35
7.1	10	19 5					
6.1	11	5 5	NR			No recovery odor in spoon	
5.1	12	5 3					
4.1	13	5 5	16	SS-14A 13501400		▼ Brown coarse SAND sweet chemical odor some product staining (wet)	25/40
3.1	14	8 6					
2.1	15	12 15	16	SS-14A 15001600		14"-15" Dark brown stained SAND (wet) 15"-16" Brown coarse SAND (wet)	50.5/0
1.1	16	18 53					
0.1	17	28 14	17	SS-14A 1750-1800		16-17.5 Dark brown coarse SAND sheen on soil noted sweet chemical odor noted 17.5-18 Light brown coarse SAND (wet)	63/8
-0.9	18	23					
-1.9	19					running sands	
-2.9	20						
-3.9	21						
-4.9	22						
-5.9	23						
-6.9	24					Bedrock @ 24'	
-7.9	25					End of boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-14.5A

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/6/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	6/6/2006
Drilling Method:	Hollow Stem Auger	*Logged By:*	*P. Rodman*
Sampling Method:	*Split Spoon*	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13		
Boring Depth (ft):	24'	Ground Elev (ft)	16.97

Comments: predrilled to 4' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
12.0	5	27 35	22"	SS-14.5A 4000500		4"-5" Black medium fine SAND with naphtalene odor 5"-5.5" Brown medium fine SAND	15/7.4
11.0	6	32 42					
10.0	7	10 100/1	2"			5.5"-6" Black stained medium coarse SAND, brick fragments, timber with mild coal-tar odor 7.0"-8.0" Black to light brown SAND, cinders, gravel	0/0
9.0	8						
8.0	9					BOULDER	
7.0	10						
6.0	11					BOULDER - auger was advanced past these interval due to obstruction	
5.0	12						
4.0	13	26 12	24"	SS-14.5A 13001400		12"-13" gray medium fine silty SAND with trace gravel ▼ 13"-14" Brown medium fine SAND with mild alcohol type odor (moist)	0/0
3.0	14	20 26					
2.0	15	9 5	24"	SS-14.5A 15001600		Light brown medium fine SAND (wet)	0/0
1.0	16	20 25					
0.0	17	24 119	9"	SS-14.5A 1750-1800		Light brown medium fine SAND (wet)	0/0
-1.0	18	67 31					
-2.0	19	67 31				*Running sands*	
-3.0	20						
-4.0	21					Running sands	
-5.0	22						
-6.0	23					Running sands	
-7.0	24					Bedrock @ 24'	
						End of boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-18D

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/1/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	6/1/2006
Drilling Method:	Hollow Stem Auger	*Logged By:*	*P. Rodman*
Sampling Method:	*Split Spoon*	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	11'		
Boring Depth (ft):	11'	Ground Elev (ft)	16.92

Comments:predrilled to 10' with air rotary - no odors

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
		100/1.5	0.5	SS-18D 1000		Brown coarse SAND with some gravel	0.0/0.0
6.9	11					red sandstone in tip	
				SS-18D 1100		End of Boring	
5.9	12						

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-18E

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/14/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	6/14/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13.0'		
Boring Depth (ft):	14'	Ground Elev (ft)	15.9

Comments: predrilled to 4' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
5.9	11	8 12 15	10"	SS-18E 11001200		Light brown medium fine SAND with some medium fine gravel	0/0
4.9	12	22 38	8"			▼ Black medium fine SAND with some medium fine gravel, black stained sand in tip (wet)	11/0.0
3.9	13	50/4				Sandstone	
2.9	14					End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-19C

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	5/23/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	5/23/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13'		
Boring Depth (ft):	16'	Ground Elev (ft)	16.78

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.8	11	20 50/5	20"	SS-19C 10001050		Black medium SAND (moist), petroleum odor, product noted at 10.5'	110/30
5.8	12						
4.8	13	50/4	8"			▼ 12-14' Black stained medium SAND with gravel (wet) petroleum odor and product noted	6.3/0
3.8	14						
2.8	15	50/1	6"			14-14.5' Black stained medium SAND with gravel (wet), product noted, sandstone	6.0/0
1.8	16					End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-19D

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	5/23/2006
Rig Type:	DK-50	Finish Date:	5/23/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13.5		
Boring Depth (ft):	14.5	Ground Elev (ft)	16.59

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.6	11	10 5	12"			Brown to gray medium SAND with some brick fragment	0/0
5.6	12	5 5				▼	
4.6	13	25 24	16"	SS-19D 12501300		Brown medium coarse SAND with fine to medium gravel (wet)	210/160
3.6	14	27 50/4					
2.6	15	50/5	20"	SS-19D 1400450		Brown m-c SAND with m gravel, mild hydrocarbon odor bedrock @ 14.5' End of Boring	32/0

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-19E

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/13/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	6/14/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	12'		
Boring Depth (ft):	14'	Ground Elev (ft)	16.31

Comments: predrilled to 10' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.3	11	25 30	18"	SS-19E 10001050		10-11.5 Light brown medium fine SAND with some medium fine gravel	137/nr
5.3	12	25 32				▼ 11.5-12 Black stained medium fine SAND with rock fragments, product noted	
4.3	13	50 25	17"			13-14 Black stained shale fragments, product noted	57/nr
3.3	14	25 50/3				Sandstone	
						End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

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KHOV-Edgewater

Edgewater, New Jersey

SS-19.5C

Project No.:	02-14257A	Sheet 1 of 1	
Drilling Company:	ADT	**Drilling Date(s)**	
Rig Type:	CME 55 Truck Mounted	Start Date:	5/23/2006
Drilling Method:	Hollow Stem Auger	Finish Date:	5/25/2006
Sampling Method:	Split Spoon	Logged By:	P. Rodman
Double Cased?	No	Monitoring Equip.	PID/FID
Boring Diameter (in):	8"	Weather:	sunny , warm
Depth to Water (ft):	12'		
Boring Depth (ft):	17'	Ground Elev (ft)	16.25

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.3	11	70/5	2"			Brown SAND with brick and stone fragments	0/0
5.3	12						
4.3	13	23 50/5	10"			▼ Brown medium SAND with trace gravel (moist) petroleum odor (moist)	0/0
3.3	14						
2.3	15	8 21	2"			Black medium fine SAND with some gravel (wet)	9.9/0
1.3	16	39 100/3					
0.3	17	8 35	8"			Brown silty SAND with trace gravel slight odor Sandstone bedrock @ 17.5'	3.9/0
-0.8	18	100/6				End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

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KHOV-Edgewater

Edgewater, New Jersey

SS-19.5C1

Project No.:	02-14257A	Sheet 1 of 1	
Drilling Company:	ADT	**Drilling Date(s)**	
Rig Type:	CME 55 Truck Mounted	Start Date:	5/31/2006
Drilling Method:	Hollow Stem Auger	Finish Date:	5/31/2006
Sampling Method:	Split Spoon	Logged By:	P. Rodman
Double Cased?	No	Monitoring Equip.	PID/FID
Boring Diameter (in):	8"	Weather:	sunny , warm
Depth to Water (ft):	_		
Boring Depth (ft):	17	Ground Elev (ft)	16.25

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.3	11	27 19	17'	SS-19.5C 10001100		Brown coarse SAND some gravel and brick fragment slight hydrocarbon odor	79/164
5.3	12	19 19					
4.3	13	17 15	12'			▼ 13-14 Black stained SAND some gravel (moist), coal-tar product noted	0/7.4
3.3	14	16 10					
2.3	15	14 100/6	18'			14-14.5 Black stained SAND (wet), coal-tar product noted	115/520
1.3	16					15.5-16 Black CLAY (wet)	
0.3	17	100/6				1' Black CLAY on bedrock	17/1
-0.8	18					End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-19.5D

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	6/7/2006
Rig Type:	DK-50	Finish Date:	6/13/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	rain, 65 degrees
Boring Diameter (in):	8"		
Depth to Water (ft):	13.5'		
Boring Depth (ft):	17'	Ground Elev (ft)	16.08

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.1	11	20 45	4"			Black medium-fine SAND, some medium-coarse gravel, hydrocarbon odor noted	5.4/0
5.1	12	34 45				▼	
4.1	13	31 34	12"	SS-19.5D 12001300		13-14' Black stained, medium coarse gravely SAND (moist) 13.5-14' *medium coarse GRAVEL with trace sand, coal-tar product noted*	64/0
3.1	14	49 45					
2.1	15	40 50/6	18"	SS-19.5D 15001600		14-15' Brown silty SAND 15-16 White coarse SAND (moist) with hydrocarbon odor	22/0
1.1	16						
0.1	17	70/3	6"	SS-19.5D 17001800		16-17 White coarse SAND Sandstone bedrock @ 17'	6.8/0
-0.9	18					End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

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KHOV-Edgewater

Edgewater, New Jersey

SS-19.5E

Sheet 1 of 1

Project No.:	02-14257A	Drilling Date(s)	
Drilling Company:	ADT	Start Date:	6/13/2006
Rig Type:	DK-50	Finish Date:	6/13/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	_		
Boring Depth (ft):	10.5'	Ground Elev (ft)	16.17

Comments: predrilled to 10' with hollow stem auger

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
6.2	11	50/1 100/2	2"	SS-19E 10501100		*Brown, Medium-fine SAND, trace medium-fine gravel* red sandstone fragments End of Boring	0/0

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

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214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-24B

Project No.:	02-14257A	Sheet 1 of 1	
Drilling Company:	ADT	**Drilling Date(s)**	
Rig Type:	CME 55 Truck Mounted	Start Date:	5/24/2006
Drilling Method:	Hollow Stem Auger	Finish Date:	5/25/2006
Sampling Method:	Split Spoon	Logged By:	P. Rodman
Double Cased?	No	Monitoring Equip.	PID/FID
Boring Diameter (in):	8"	Weather:	sunny , warm
Depth to Water (ft):	13.5'		
Boring Depth (ft):	25'	Ground Elev (ft)	15.61

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
5.6	11	34 26	5"			Brown medium fine SAND, brick and rock fragments	0/0
4.6	12	14 18					
3.6	13	21 32	14"			12-13" Brown medium fine SAND ▼ 13-14" Brick, wood, black clay lense	14.0/30.0
2.6	14	69 44					
1.6	15					Advanced auger 1 ft without sampling	
0.6	16	29 6	4"	SS-24B 15001700		Brown medium coarse SAND trace brick fragments (wet) 17-18 Gray SAND (wet)	0/0
-0.4	17	13 10					
-1.4	18	38 24	12"	SS-24B 1850900		18-19 Gray coarse SAND with lenses of some clay (wet)	0/0
-2.4	19	6 9					
-3.4	20	21 43	12"			Black to dark brown CLAY with some silty sand and wood fragments	0/0
-4.4	21	6 100/4					
-5.4	22	8 8	22"			Black to dark brown CLAY	0/0
-6.4	23	10 17					
-7.4	24	71 100/3	5"			Coarse white SAND on top of weathered bedrock (sandstone)	0/0
-8.4	25						
						End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-24C

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	5/17/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	5/17/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	14'		
Boring Depth (ft):	20'	Ground Elev (ft)	15.57

Comments: predrilled to 10' with air rotary and roller cone

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
5.6	11	10 55	9"			Brown medium SAND with brick fragments, plastic	2.0/0
4.6	12	65 44					
3.6	13	20 50/5	1"			Brown medium SAND	13/.09
2.6	14	45 16				▼	
1.6	15	10 6	2"			Brown medium SAND (wet)	4.0/0
0.6	16						
-0.4	17	20 21	2"			Brown wet medium SAND (wet)	4.2/0
-1.4	18	31 4					
-2.4	19	17 5	1"			Black organic CLAY (wet)	22/0
-3.4	20	5 9					
						End of boring @ 20' since the integrity of the boring was compromised	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-24C1

Project No.:	02-14257A	Sheet 1 of 1	
Drilling Company:	ADT	**Drilling Date(s)**	
Rig Type:	CME 55 Truck Mounted	Start Date:	5/19/2006
Drilling Method:	Hollow Stem Auger	Finish Date:	5/19/2006
Sampling Method:	Split Spoon	Logged By:	P. Rodman
Double Cased?	No	Monitoring Equip.	PID/FID
Boring Diameter (in):	8"	Weather:	sunny , warm
Depth to Water (ft):	12.5'		
Boring Depth (ft):	25'	Ground Elev (ft)	15.62

Comments: predrilled to 10' with air rotary and roller cone

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
5.6	11	50/1	2"			Brown medium coarse SAND, cobble in tip	0/0
4.6	12						
3.6	13	12 14	22"			Light brown medium coarse SAND	0/0
2.6	14	18 22				▼	
1.6	15	8 7	16"			Brown medium fine SAND, some gravel (wet)	0/0
0.6	16	10 12					
-0.4	17	12 10	7"			Brown coarse SAND (wet)	0/0
-1.4	18	8 8					
-2.4	19	45 50/2	2"			Brown coarse SAND (wet)	0/0
-3.4	20						
-4.4	21	15 12	4"			Brown coarse SAND (wet), some gray clay in tip	0/0
-5.4	22	10 10					
-6.4	23	10 15	22"			22"-22.5" Brown coarse SAND	0/0
-7.4	24	12 19				22.5"-24 Black CLAY	
-8.4	25	12 12	22"			Black CLAY	0/10
-9.4	26	15 18				End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-25A

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	5/31/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	5/31/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	16'		
Boring Depth (ft):	29'	Ground Elev (ft)	14.93

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
4.9	11	27 31	4"			Red/brown silty SAND with some gravel mild hydrocarbon odor	19/0
3.9	12	26 33					
2.9	13	31 11	18"			12-13.5" Red/brown silty SAND some gravel 13.5-14 Brown medium coarse stained SAND *(moist)*	40/0
1.9	14	13 13				▼	
0.9	15	10 12	16"			14-15 Brown silty SAND (moist)	0/0
-0.1	16	15 25				15-16 Decomposed wood, some sand (wet)	
-1.1	17	20 45	21"	SS-25A 16001750		16-17.5 Brown medium coarse SAND (wet) 17.5-18 Black stained SAND with some gravel slight organic odor	0/0
-2.1	18	23 17					
-3.1	19	18 12	15"			18-19 Decomposed wood 19-20 stained white SAND (wet)	0/4.0
-4.1	20	8					
-5.1	21	100/12	12"	SS-25A 21002200		20-21 Decomposed wood 21-22 stained white SAND (wet)	3.4/14
-6.1	22						
-7.1	23	58 109	17"			Brown medium coarse SAND	0/8.1
-8.1	24	56 33					
-9.1	25	9 8	20"	SS-25A 24502550		24-25 Dark Brown medium coarse silty SAND, trace gravel	0/10.3
-10.1	26	9 12				25-26 Very stiff dark black CLAY, wood pieces with organic odor	
-11.1	27					26-29' Black CLAY	0/90
-12.1	28						
-13.1	29	100				sandstone in tip	
						End of Boring	

Upper Fill
Bedrock
Sand
Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-25B

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	5/24/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	5/24/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	*Split Spoon*	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13.5'		
Boring Depth (ft):	28.5'	Ground Elev (ft)	14.66

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
4.7	11	25 18	16"			Brown medium fine SAND trace brick fragments	0/0
3.7	12	9 7					
2.7	13	24 16	4"			Brown medium coarse SAND (wet) some brick, wood in tip	0/14
1.7	14	12 18				▼	
0.7	15	51 62	9"			Brown medium coarse to coarse SAND some gravel, trace brick fragments, wood in tip	0/0
-0.3	16	25 25					
-1.3	17	6 13	2"			Brown coarse SAND (wet), some gravel	0/0
-2.3	18	15 12					
-3.3	19	60 43	12"			Brown coarse SAND, some gray clay (wet)	0/0
-4.3	20	8 14					
-5.3	21	15 12	14"			20-21 Brown medium coarse SAND with gravel	0/0
-6.3	22	13 14				21-22 Black CLAY with trace organic odor (moist)	
-7.3	23	4 9	4"			Black CLAY with some gravel (moist)	0/0
-8.3	24	16 14					
-9.3	25	7 10	22"			*Black CLAY with some rock (moist)*	*0/0*
-10.3	26	9 10					
-11.3	27	17 41	22"			Black CLAY with some rock fragments (moist)	0/0
-12.3	28	100/1 100/4					
-13.3	29	100/2	4"			Coarse white SAND (2-inches) on top of bedrock End of boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-25C

Sheet 1 of 1

Project No.:	02-14257A	**Drilling Date(s)**	
Drilling Company:	ADT	Start Date:	5/18/2006
Rig Type:	CME 55 Truck Mounted	Finish Date:	5/18/2006
Drilling Method:	Hollow Stem Auger	Logged By:	P. Rodman
Sampling Method:	Split Spoon	Monitoring Equip.	PID/FID
Double Cased?	No	Weather:	sunny , warm
Boring Diameter (in):	8"		
Depth to Water (ft):	13'		
Boring Depth (ft):	23'	Ground Elev (ft)	14.83

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
4.8	11	7 21	22"			Gray medium fine silty SAND, trace brick fragments	0/0
3.8	12	31 33					
2.8	13	15 23	20"			▼ Gray medium fine SAND, some silt, trace gravel brick fragments (moist)	0/0
1.8	14	50/3					
0.8	15	37 44	17"			Gray to purple fine to medium SAND, some silt (moist)	0/0
-0.2	16	50/5					
-1.2	17	33 44	4"			Brown medium SAND, trace silt, some gravel (wet)	0/0
-2.2	18	40 50/3					
-3.2	19	49 25	NR			No Recovery	NR
-4.2	20	36 50/5					
-5.2	21	4 12	NR			No Recovery	NR
-6.2	22	13 4					
-7.2	23	13 30	16"			Black CLAY, trace silt and gravel (wet)	0/0
-8.2	24	50/5				End of boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

ENVIRON International Corporation

214 Carnegie Center; Princeton, NJ 08540

KHOV-Edgewater

Edgewater, New Jersey

SS-26B

Project No.:	02-14257A	Sheet 1 of 1	
Drilling Company:	ADT	**Drilling Date(s)**	
Rig Type:	CME 55 Truck Mounted	Start Date:	5/18/2006
Drilling Method:	Hollow Stem Auger	Finish Date:	5/18/2006
Sampling Method:	Split Spoon	Logged By:	P. Rodman
Double Cased?	No	Monitoring Equip.	PID/FID
Boring Diameter (in):	8"	Weather:	sunny , warm
Depth to Water (ft):	13'		
Boring Depth (ft):	33'	Ground Elev (ft)	13.94

Comments: predrilled to 10' with air rotary

Elevation (feet)	Depth (feet)	Blow Counts	Recovery (inches)	Analytical Sample ID	General Soil Type	Description	PID/FID (ppm)
3.9	11	15 22	NR			No recovery	0/0
2.9	12	25 53				▼	
1.9	13	10 9	22"			Gray medium fine SAND with some medium gravel little sheen (wet)	0/0
0.9	14	8 10					
-0.1	15	3 15	20"			Gray medium coarse GRAVEL, with some sand (wet)	0/0
-1.1	16	17 23					
-2.1	17	36 23	4"			Black medium coarse GRAVEL with little sand (wet)	1.5/0
-3.1	18	36 37					
-4.1	19	100/5	12"			Black medium coarse GRAVEL with little sand (wet)	4.5/0
-5.1	20						
-6.1	21	15 37	6"			Black SILT with little sand, wood pieces(wet)	0/0
-7.1	22	50/3					
-8.1	23	15 50/5	2"			Black SILT, with some gravel	0/0
-9.1	24						
-10.1	25	10 21	NR			No recovery	
-11.1	26	24 31					
-12.1	27	16 25	14"			Black silty CLAY (wet)	0/0
-13.1	28	26 30					
-14.1	29	7 34	18"			Black CLAY with decomposed wood pieces (wet)	0/0
-15.1	30	66 90					
-16.1	31	75 50/5	18"			Black CLAY (wet)	0/0
-17.1	32						
-18.1	33	100/5	NR				
						End of Boring	

Environmental Boring Symbols

- Upper Fill
- Bedrock
- Sand
- Clay

APPENDIX B

ANALYTICAL DATA PACKAGE

Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

0001

NELAP Accredited

Environ International Corp.

Format: NJDEP-R

Project: Promenade C
Edgewater

PO Number:

Samples submitted on: 5/25/2006

AC23685-001	AC23685-024
AC23685-002	AC23685-025
AC23685-003	
AC23685-004	
AC23685-005	
AC23685-006	
AC23685-007	
AC23685-008	
AC23685-009	
AC23685-010	
AC23685-011	
AC23685-012	
AC23685-013	
AC23685-014	
AC23685-015	
AC23685-016	
AC23685-017	
AC23685-018	
AC23685-019	
AC23685-020	
AC23685-021	
AC23685-022	
AC23685-023	

Date: 6/16/2006
HCI Project: 6052601

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director Or Stanley Gilewicz - Laboratory Director

Veritech Sample Key

16-Jun-06

Lab#	SampleID
AC23685-001	SS-19D 1250 1300
AC23685-002	SS-19D 1400 1450
AC23685-003	SS19C 1000 1050
AC23685-004	SS-19.5C 1000 1200
AC23685-005	SS-19D 1100 1200
AC23685-006	SS-19.5C 1200 1400
AC23685-007	SS-25B 1000 1200
AC23685-008	SS-25B 1300 1400
AC23685-009	SS-25B 1400 1600
AC23685-010	SS25B 1600 1800
AC23685-011	SS-25B 1800 2000
AC23685-012	SS-25B 2000 2200
AC23685-013	SS-25B 2200 2400
AC23685-014	SS-25B 2400 2600
AC23685-015	SS-25B 2600 2800
AC23685-016	SS-25B 2800 2850
AC23685-017	SS-24B 1000 1200
AC23685-018	SS-24B 1200 1400
AC23685-019	SS-24B 1500 1700
AC23685-020	SS-24B 1850 1900
AC23685-021	SS-24B 1900 2100
AC23685-022	SS-24B 2200 2300
AC23685-023	SS-24B 2400 2500
AC23685-024	SS-19.5C 1500 1550
AC23685-025	SS-19.5C 1600 1700

605260

Veritech/Division of Hampton-Clarke
175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

CHAIN OF CUSTODY RECORD

Project#(Lab Use Only)

Customer Information

1a) Customer: ENVIRON International Corporation
Address: 214 Carnegie Center
Princeton, NJ
1b) Email/Cell/Fax/Ph:
1c) Send Invoice To: Jose Sananes
1d) Send Report To: Jose Sananes / JSananes@environcorp.com

Project Information

2a) Project: Promenade @ Edgewater
2b) Project Manager: Jose Sanones
2c) Location (City/State): Edgewater, NJ
2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENV

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY
Batch# AC23685

Matrix Codes: DW-Drinking Water, GW-Ground Water, WW-Waste Water, S-Soil, SL-Sludge, O-Oil, A-Air, Ot-Other

Check if Contingent===> <===Check if Contingent

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite(C)	Grab(G)	PAH's	Hold (PAH)	8) # Of Bottles None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other	9) Methanol Bottle Numbers (If applicable) Comments
-001	SS-19D 1250 1300	Soil	5/23/06	1442		X	X		1								
-002	SS-19D 1400 1450		5/23/06	1500	X		X		1								
-003	SS-19C 1000 1050		5/23/06	1235		X	X		1								
-004	SS-19.5C 1000 1200		5/23/06	1105	X			X	1								
-005	SS-19D 1100 1200		5/23/06	1420	X			X	1								
-006	SS-19.5C 1200 1400		5/23/06	1123	X			X	1								
-007	SS-25B 1000 1200		5/24/06	1058	X			X	1								
-008	SS-25B 1300 1400		5/24/06	1104	X			X	1								
-009	SS-25B 1400 1600		5/24/06	1122	X			X	1								
-010	SS-25B 1600 1800		5/24/06	1130	X			X	1								

10) Relinquished By:	Accepted By	Date	Time
[signature]	William Carlp	5/25/06	1400
William Carlp	C. [signature]	5-25	1500

Comments, Notes, Special Requirements, HAZARDS

Analyze only the five samples for PAH's
Hold all others until notified. Thank you

11) Sampler: [signature] Date: 5/25/06

Cooler Tmp 3.3

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

0003

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD** — Project#(Lab Use Only) — Page 2 of 3

175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

Customer Information

1a) Customer: ENVIRON International Corp.
Address: 214 Carnegie Ctr.

1b) Email/Cell/Fax/Ph:

1c) Send Invoice To: Jose Sanchez

1d) Send Report To: J Sanchez@environcorp.com

Project Information

2a) Project: ~~Edgewater~~ Promenade @ Edgewater

2b) Project Manager: Jose Sanchez

2c) Location (City/State): Edgewater, NJ

2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENV	Other: ENV

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY — Batch# AC 23685

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	PAH's	Hold	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-011	SS-25B 1800 2000	Soil	5/24/06	1157	X			X	1								
-012	SS-25B 2000 2200		5/24/06	1213	X			X	1								
-013	SS-25B 2200 2400		5/24/06	1311	X			X	1								
-014	SS-25B 2400 2600		5/24/06	1321	X			X	1								
-015	SS-25B 2600 2800		5/24/06	1337	X			X	1								
-016	SS-25B 2800 2850		5/24/06	1355		X		X	1								
-017	SS-24B 1000 1200		5/24/06	1540	X			X	1								
-018	SS-24B 1200 1400		5/24/06	1550	X			X	1								
-019	SS-24B 1500 1700		5/25/06	839	X		X		1								
-020	SS-24B 1850 1900		5/25/06	851		X	X		1								

10) Relinquished By:	Accepted By	Date	Time
[signature]	[signature]	5/25/06	1400
[signature]	[signature]	5-25	1500

Comments, Notes, Special Requirements, HAZARDS

Analyze only the five samples for PAH's
Hold all others until notified

Cooler Tmp: 3.3

11) Sampler: [signature] Date: 5/25/06

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

7000

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD** — Project#(Lab Use Only) — Page 3 of 3

175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

Customer Information

1a) Customer: ENVIRON International Corporation
Address: 214 Carnegie Ctr, Princeton, NJ
1b) Email/Cell/Fax/Ph:
1c) Send Invoice To:
1d) Send Report To: JSonares@environcorp.com

Project Information

2a) Project: Promenade @ Edgewater
2b) Project Manager: Jose Sonares
2c) Location (City/State): Edgewater, NJ
2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
~~48-Hour(75%)~~	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
~~1-Week(25%)~~	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENV	Other: ENV

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY — Batch# AC21685

Matrix Codes: DW-Drinking Water, GW-Ground Water, WW-Waste Water, S-Soil, SL-Sludge, O-Oil, A-Air, Ot-Other

Check if Contingent===> <===Check if Contingent

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite(C)	Grab(G)	PAH's	Hold (PAH)										None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) Comments
-021	SS-24B 1900 2100	Soil	5/25/06	917	X			X										X								
-022	SS-24B 22002300	Soil	5/25/06	923	X			X										X								
-023	SS-24B 24002500	Soil	5/25/06	940	X			X										X								
-024	SS-19.5C 15001500	Soil	5/25/06	1100	X			X										X								
-025	SS-19.5C 16001700	Soil	5/25/06	1110	X			X										X								

10) Relinquished By:	Accepted By	Date	Time
[signature]	William Cunly	5/25/06	1400
William Cunly	C Avenia	5-25	1500

Comments, Notes, Special Requirements, HAZARDS

Analyze only the five samples for PAH.
Hold all others until notified

11) Sampler: [signature] Date: 5/25/06 Cooler Tmp 3.3

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

9000

9006

Veritech

Condition Upon Receipt

Date Received: 5/25/06 Filed By: AC
Client: Environ Project/Account: Bronemann/Edgewater
Veritech Project #

YES	NO		INITIAL CONDITIONS
✓		[1]	Is there a corresponding Chain of Custody included with the samples?
✓		[2]	Are the samples in a container such as a cooler or ice chest?
	✓	[3]	Are the custody seals intact? IF NO, please circle one of the following: missing broken (N.A)
3.3 °C		[4]	Please specify the temperature inside the container.

YES	NO		SAMPLE INFORMATION
✓		[5]	Are the samples properly refrigerated (where required), have they arrived on ice?
✓		[6]	Are the samples within holding times for the parameters listed on the COC? If NO, list parameters and associated samples:
✓		[7]	Are all of the sample bottles intact? If NO, specify sample numbers below: broken: leaking:
✓		[8]	Are all of the sample labels or numbers legible? If NO, specify:
✓		[9]	Do the contents of the container match the COC? If NO, specify:
✓		[10]	Is there enough sample sent for the analyses listed on the COC? If NO, specify:
		[11]	Are the samples preserved correctly (see Preservation Form for actual pH readings)?
		[12]	Are all soils preserved in methanol accompanied by dry soil?

OTHER

[13] Specify:

NO.	ACTION	CORRECTIVE ACTIONS

Internal Chain of Custody

0007

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC23685-001	05/30/06 08:11	MD	1	A	BN
AC23685-001	05/30/06 13:55	R12	1	A	NONE
AC23685-001	05/30/06 16:20	NA	1	A	%SOLIDS
AC23685-001	05/30/06 16:21	R12	1	A	NONE
AC23685-002	05/30/06 08:11	MD	1	A	BN
AC23685-002	05/30/06 13:55	R12	1	A	NONE
AC23685-002	05/30/06 16:20	NA	1	A	%SOLIDS
AC23685-002	05/30/06 16:21	R12	1	A	NONE
AC23685-003	05/30/06 08:11	MD	1	A	BN
AC23685-003	05/30/06 13:55	R12	1	A	NONE
AC23685-003	05/30/06 16:20	NA	1	A	%SOLIDS
AC23685-003	05/30/06 16:21	R12	1	A	NONE
AC23685-019	05/30/06 08:11	MD	1	A	BN
AC23685-019	05/30/06 13:55	R12	1	A	NONE
AC23685-019	05/30/06 16:20	NA	1	A	%SOLIDS
AC23685-019	05/30/06 16:21	R12	1	A	NONE
AC23685-020	05/30/06 08:11	MD	1	A	BN
AC23685-020	05/30/06 13:55	R12	1	A	NONE
AC23685-020	05/30/06 16:20	NA	1	A	%SOLIDS
AC23685-020	05/30/06 16:21	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Laboratory Chronicle

veritech

8000

Lab Number	Sample Description
AC23685-001	SS-19D 1250 1300

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				5/30/2006	na	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Acenaphthylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[b]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[k]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Chrysene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluorene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Naphthalene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Phenanthrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23685-002	SS-19D 1400 1450

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				5/30/2006	na	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Acenaphthylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[b]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[k]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Chrysene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluorene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Naphthalene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Phenanthrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23685-003	SS19C 1000 1050

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				5/30/2006	na	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Acenaphthylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270

Laboratory Chronicle

veritech

Benzo[a]anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[b]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[k]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Chrysene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluorene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Naphthalene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Phenanthrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270

Lab Number AC23685-019 **Sample Description** SS-24B 1500 1700

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				5/30/2006	na	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Acenaphthylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[b]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[k]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Chrysene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluorene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Naphthalene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Phenanthrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270

Lab Number AC23685-020 **Sample Description** SS-24B 1850 1900

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				5/30/2006	na	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Acenaphthylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[a]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[b]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Benzo[k]fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Chrysene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluoranthene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Fluorene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Naphthalene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Phenanthrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270
Pyrene	5/30/2006	mausami	EPA3510/3550	5/30/2006	AHD	EPA 8270

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File / Compound / Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	NO
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

One compound exceeded the recovery criteria in the MS and MSD for batch SMB2899, but all QC criteria for this batch was met based on the MBS.

Organics Director: _____ 6/1/06

METHOD REFERENCES

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals–semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

3012

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sananes
Project: Promenade C Edgewater

Date Submitted: 5/25/2006
Date Reported: 6/16/2006

Lab#	Sample ID	Date Collected	TestGroup/Analyte	DF	Units	RL	Result
AC23685-001	**SS-19D 1250 1300**	**5/23/2006**					
			% Solids SM2540G				
			% Solids	1	percent		85
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.39	0.35J
			Acenaphthylene	1	mg/kg	0.39	ND
			Anthracene	1	mg/kg	0.39	0.67
			Benzo[a]anthracene	1	mg/kg	0.39	1.8
			Benzo[a]pyrene	1	mg/kg	0.39	1.5
			Benzo[b]fluoranthene	1	mg/kg	0.39	2.0
			Benzo[g,h,i]perylene	1	mg/kg	0.39	1.2
			Benzo[k]fluoranthene	1	mg/kg	0.39	0.59
			Chrysene	1	mg/kg	0.39	1.8
			Dibenzo[a,h]Anthracene	1	mg/kg	0.39	0.33J
			Fluoranthene	1	mg/kg	0.39	2.7
			Fluorene	1	mg/kg	0.39	0.37J
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.39	1.1
			Naphthalene	1	mg/kg	0.39	0.15J
			Phenanthrene	1	mg/kg	0.39	2.3
			Pyrene	1	mg/kg	0.39	4.4
AC23685-002	**SS-19D 1400 1450**	**5/23/2006**					
			% Solids SM2540G				
			% Solids	1	percent		85
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.39	0.10J
			Acenaphthylene	1	mg/kg	0.39	ND
			Anthracene	1	mg/kg	0.39	0.25J
			Benzo[a]anthracene	1	mg/kg	0.39	0.75
			Benzo[a]pyrene	1	mg/kg	0.39	0.61
			Benzo[b]fluoranthene	1	mg/kg	0.39	0.73
			Benzo[g,h,i]perylene	1	mg/kg	0.39	0.54
			Benzo[k]fluoranthene	1	mg/kg	0.39	0.36J
			Chrysene	1	mg/kg	0.39	0.60
			Dibenzo[a,h]Anthracene	1	mg/kg	0.39	0.12J
			Fluoranthene	1	mg/kg	0.39	1.3
			Fluorene	1	mg/kg	0.39	0.14J
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.39	0.46
			Naphthalene	1	mg/kg	0.39	0.057J
			Phenanthrene	1	mg/kg	0.39	0.99
			Pyrene	1	mg/kg	0.39	1.7
AC23685-003	**SS19C 1000 1050**	**5/23/2006**					
			% Solids SM2540G				
			% Solids	1	percent		84
			PAH Compounds 8270				
			Acenaphthene	5	mg/kg	2.0	1.5J
			Acenaphthylene	5	mg/kg	2.0	ND
			Anthracene	5	mg/kg	2.0	3.2
			Benzo[a]anthracene	5	mg/kg	2.0	6.4
			Benzo[a]pyrene	5	mg/kg	2.0	5.5
			Benzo[b]fluoranthene	5	mg/kg	2.0	7.0
			Benzo[g,h,i]perylene	5	mg/kg	2.0	4.1
			Benzo[k]fluoranthene	5	mg/kg	2.0	3.0
			Chrysene	5	mg/kg	2.0	6.4
			Dibenzo[a,h]Anthracene	5	mg/kg	2.0	1.6J
			Fluoranthene	5	mg/kg	2.0	12
			Fluorene	5	mg/kg	2.0	1.8J
			Indeno[1,2,3-cd]pyrene	5	mg/kg	2.0	3.8
			Naphthalene	5	mg/kg	2.0	1.0J
			Phenanthrene	5	mg/kg	2.0	11
			Pyrene	5	mg/kg	2.0	17
AC23685-019	**SS-24B 1500 1700**	**5/24/2006**					
			% Solids SM2540G				
			% Solids	1	percent		83
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.40	0.59
			Acenaphthylene	1	mg/kg	0.40	0.15J
			Anthracene	1	mg/kg	0.40	1.3
			Benzo[a]anthracene	1	mg/kg	0.40	2.5
			Benzo[a]pyrene	1	mg/kg	0.40	2.1
			Benzo[b]fluoranthene	1	mg/kg	0.40	2.7
			Benzo[g,h,i]perylene	1	mg/kg	0.40	1.7
			Benzo[k]fluoranthene	1	mg/kg	0.40	1.1
			Chrysene	1	mg/kg	0.40	2.4
			Dibenzo[a,h]Anthracene	1	mg/kg	0.40	0.60
			Fluoranthene	1	mg/kg	0.40	4.1
			Fluorene	1	mg/kg	0.40	0.71
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.40	1.5
			Naphthalene	1	mg/kg	0.40	0.65
			Phenanthrene	1	mg/kg	0.40	4.8
			Pyrene	1	mg/kg	0.40	7.3

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23685-020	SS-24B 1850 1900	5/24/2006							
% Solids SM2540G									
% Solids	1	percent		79					
PAH Compounds 8270									
Acenaphthene	1	mg/kg	0.42	ND					
Acenaphthylene	1	mg/kg	0.42	ND					
Anthracene	1	mg/kg	0.42	ND					
Benzo[a]anthracene	1	mg/kg	0.42	ND					
Benzo[a]pyrene	1	mg/kg	0.42	ND					
Benzo[b]fluoranthene	1	mg/kg	0.42	ND					
Benzo[g,h,i]perylene	1	mg/kg	0.42	ND					
Benzo[k]fluoranthene	1	mg/kg	0.42	ND					
Chrysene	1	mg/kg	0.42	ND					
Dibenzo[a,h]Anthracene	1	mg/kg	0.42	ND					
Fluoranthene	1	mg/kg	0.42	ND					
Fluorene	1	mg/kg	0.42	ND					
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.42	ND					
Naphthalene	1	mg/kg	0.42	ND					
Phenanthrene	1	mg/kg	0.42	ND					
Pyrene	1	mg/kg	0.42	0.050J					

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2901
Client Id:
Data File: 4M10689.D
Analysis Date: 05/30/06 15:04
Date Rec/Extracted: NA-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.33	U	218-01-9	Chrysene	0.33	U
208-96-8	Acenaphthylene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
120-12-7	Anthracene	0.33	U	206-44-0	Fluoranthene	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	86-73-7	Fluorene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	85-01-8	Phenanthrene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	129-00-0	Pyrene	0.33	U

Worksheet #: 28364

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10689.D Vial: 3
Acq On : 30 May 2006 15:04 Operator: AHD
Sample : SMB2901 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:04 2006 Quant Results File: 4M_0523.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:56:13 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.01	152	39472	40.00	ng	-0.06
19) Naphthalene-d8	6.02	136	132419	40.00	ng	-0.06
35) Acenaphthene-d10	7.62	164	79544	40.00	ng	-0.07
59) Phenanthrene-d10	9.23	188	125111	40.00	ng	-0.08
72) Chrysene-d12	12.47	240	116312	40.00	ng	-0.09
81) Perylene-d12	14.34	264	96577	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.90	112	187321	159.83	ng	-0.05
Spiked Amount 200.000			Recovery =	79.92%		
7) Phenol-d5	4.74	99	227935	142.92	ng	-0.05
Spiked Amount 200.000			Recovery =	71.46%		
20) Nitrobenzene-d5	5.45	128	47487	73.31	ng	-0.06
Spiked Amount 100.000			Recovery =	73.31%		
40) 2-Fluorobiphenyl	6.95	172	184582	73.97	ng	-0.07
Spiked Amount 100.000			Recovery =	73.97%		
62) 2,4,6-Tribromophenol	8.46	332	91932	157.09	ng	-0.07
Spiked Amount 200.000			Recovery =	78.55%		
75) Terphenyl-d14	11.15	244	203252	67.77	ng	-0.07
Spiked Amount 100.000			Recovery =	67.77%		
Target Compounds						Qvalue
70) Di-n-butylphthalate	9.95	149	5044	1.14	ng	78
80) bis(2-Ethylhexyl)phthalate	12.57	149	4781	1.54	ng	53

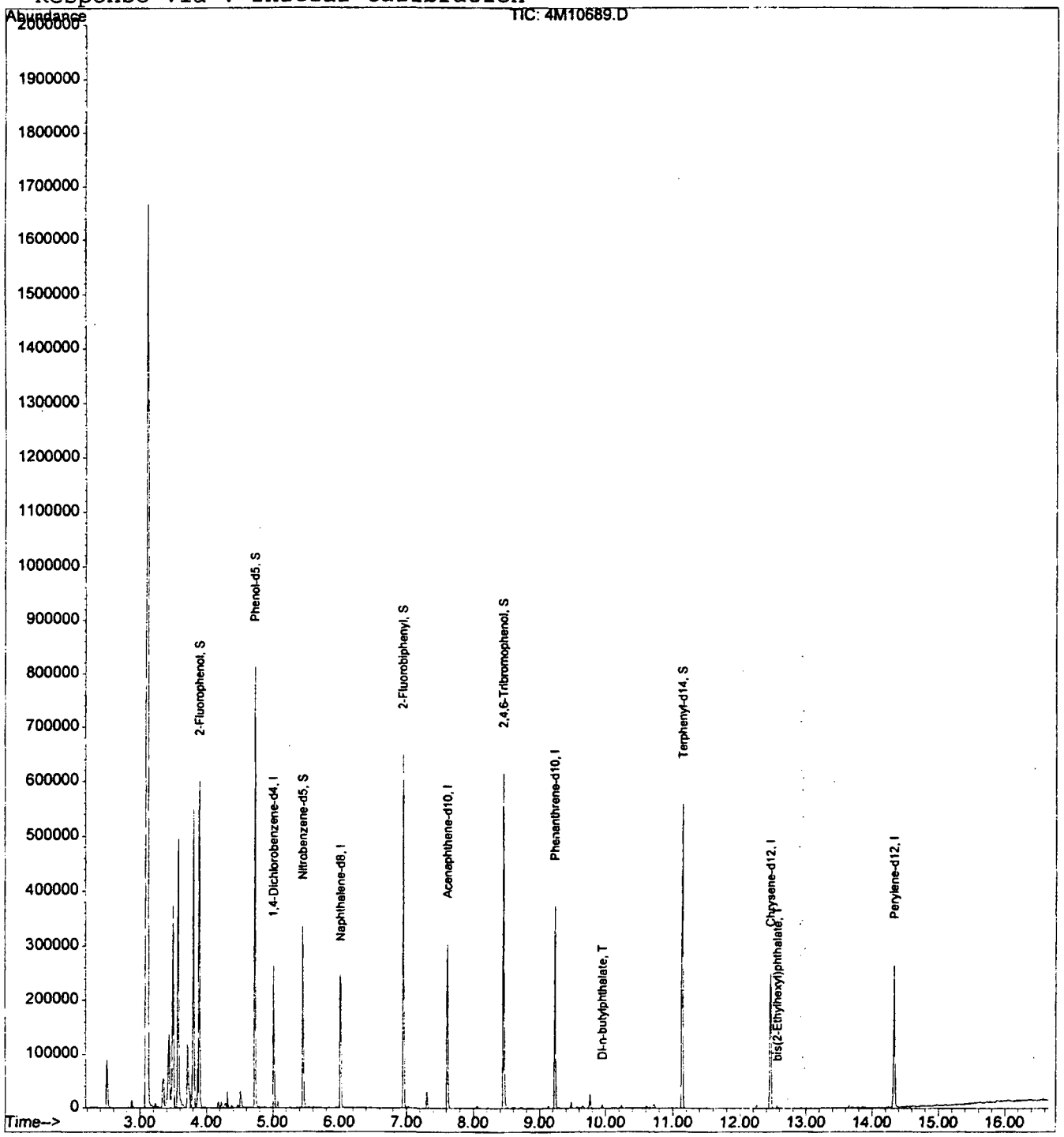
12/6/16

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10689.D Vial: 3
Acq On : 30 May 2006 15:04 Operator: AHD
Sample : SMB2901 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:04 2006 Quant Results File: 4M_0523.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2901
Client Id:
Data File: 5M19175.D
Analysis Date: 05/30/06 15:08
Date Rec/Extracted: NA-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.33	U	218-01-9	Chrysene	0.33	U
208-96-8	Acenaphthylene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
120-12-7	Anthracene	0.33	U	206-44-0	Fluoranthene	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	86-73-7	Fluorene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	85-01-8	Phenanthrene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	129-00-0	Pyrene	0.33	U

Worksheet #: 28364

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\05-30-06\5M19175.D Vial: 12
Acq On : 30 May 2006 15:08 Operator: AHD
Sample : SMB2901 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:03 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.73	152	13968	40.00	ng	-0.03
20) Naphthalene-d8	5.80	136	54729	40.00	ng	-0.03
36) Acenaphthene-d10	7.10	164	34082	40.00	ng	-0.03
61) Phenanthrene-d10	8.39	188	57636	40.00	ng	-0.04
77) Chrysene-d12	11.31	240	48091	40.00	ng	-0.05
88) Perylene-d12	12.88	264	35981	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.25	112	67150	152.52	ng	-0.06
Spiked Amount 200.000			Recovery =	76.26%		
8) Phenol-d5	4.45	99	99504	148.59	ng	-0.03
Spiked Amount 200.000			Recovery =	74.30%		
21) Nitrobenzene-d5	5.23	128	17055	78.07	ng	-0.03
Spiked Amount 100.000			Recovery =	78.07%		
41) 2-Fluorobiphenyl	6.61	172	86448	81.54	ng	-0.03
Spiked Amount 100.000			Recovery =	81.54%		
64) 2,4,6-Tribromophenol	7.76	330	18067	189.02	ng	-0.03
Spiked Amount 200.000			Recovery =	94.51%		
80) Terphenyl-d14	10.13	244	99296	99.24	ng	-0.04
Spiked Amount 100.000			Recovery =	99.24%		
Target Compounds						Qvalue

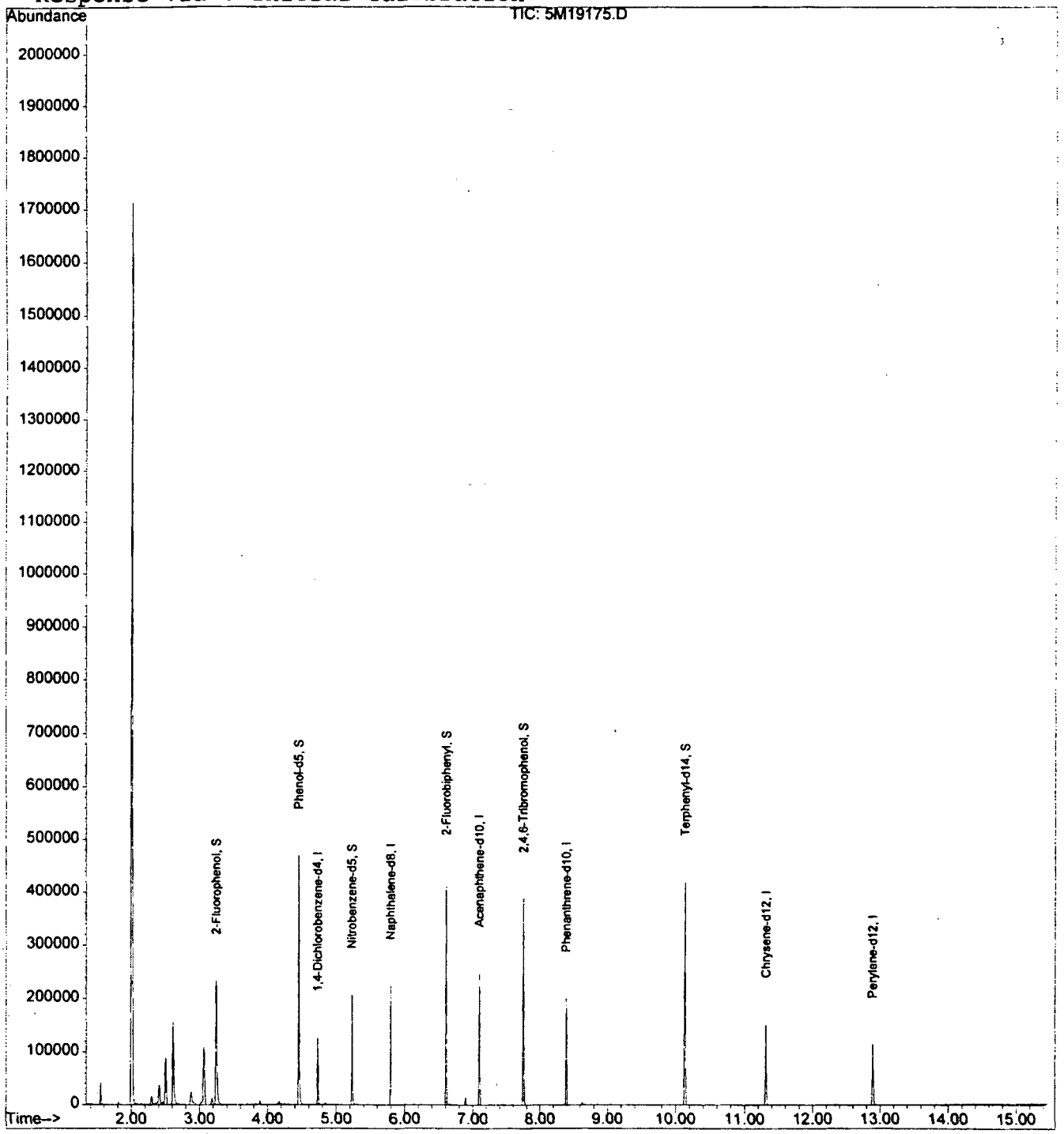
1h616

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\05-30-06\5M19175.D Vial: 12
Acq On : 30 May 2006 15:08 Operator: AHD
Sample : SMB2901 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:03 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23685-001
Client Id: SS-19D 1250 1300
Data File: 4M10698.D
Analysis Date: 05/30/06 18:56
Date Rec/Extracted: 05/25/06-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.39	0.35 J	218-01-9	Chrysene	0.39	1.6
208-96-8	Acenaphthylene	0.39	U	53-70-3	Dibenzo[a,h]anthracene	0.39	0.33 J
120-12-7	Anthracene	0.39	0.67	206-44-0	Fluoranthene	0.39	2.7
56-55-3	Benzo[a]anthracene	0.39	1.8	86-73-7	Fluorene	0.39	0.37 J
50-32-8	Benzo[a]pyrene	0.39	1.5	193-39-5	Indeno[1,2,3-cd]pyrene	0.39	1.1
205-99-2	Benzo[b]fluoranthene	0.39	2.0	91-20-3	Naphthalene	0.39	0.15 J
191-24-2	Benzo[g,h,i]perylene	0.39	1.2	85-01-8	Phenanthrene	0.39	2.3
207-08-9	Benzo[k]fluoranthene	0.39	0.59	129-00-0	Pyrene	0.39	4.4

Worksheet #: 28364

Total Target Concentration 21.06

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10698.D Vial: 12
Acq On : 30 May 2006 18:56 Operator: AHD
Sample : AC23685-001 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:01 2006 Quant Results File: 4M_0523.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.02	152	44691	40.00	ng	-0.05
19) Naphthalene-d8	6.02	136	147147	40.00	ng	-0.06
35) Acenaphthene-d10	7.62	164	79073	40.00	ng	-0.07
59) Phenanthrene-d10	9.23	188	115502	40.00	ng	-0.08
72) Chrysene-d12	12.46	240	49210	40.00	ng	-0.09
81) Perylene-d12	14.33	264	24405	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.89	112	180187	135.79	ng	-0.05
Spiked Amount 200.000			Recovery =	67.90%		
7) Phenol-d5	4.74	99	271896	150.57	ng	-0.04
Spiked Amount 200.000			Recovery =	75.29%		
20) Nitrobenzene-d5	5.46	128	59997	83.35	ng	-0.05
Spiked Amount 100.000			Recovery =	83.35%		
40) 2-Fluorobiphenyl	6.95	172	205657	82.90	ng	-0.07
Spiked Amount 100.000			Recovery =	82.90%		
62) 2,4,6-Tribromophenol	8.45	332	76360	141.34	ng	-0.07
Spiked Amount 200.000			Recovery =	70.67%		
75) Terphenyl-d14	11.14	244	150471	118.59	ng	-0.07
Spiked Amount 100.000			Recovery =	118.59%		
Target Compounds						Qvalue
29) Naphthalene	6.03	128	15733	3.72	ng	92
49) Acenaphthene	7.65	153	24700	8.96	ng	98
55) Fluorene	8.19	166	27017	9.35	ng	96
67) Phenanthrene	9.26	178	226247	59.86	ng	99
68) Anthracene	9.32	178	68322	17.07	ng	98
71) Fluoranthene	10.67	202	294551	69.01	ng	94
73) Pyrene	10.93	202	245470	111.10	ng	95
78) Benzo[a]anthracene	12.45	228	89833	46.09	ng	100
79) Chrysene	12.49	228	71631	40.56	ng	96
83) Benzo[b]fluoranthene	13.86	252	72044m	52.22	ng	
84) Benzo[k]fluoranthene	13.89	252	17020m	14.99	ng	
85) Benzo[a]pyrene	14.26	252	42812	39.03	ng	90
86) Indeno[1,2,3-cd]pyrene	15.59	276	23358	27.34	ng	93
87) Dibenzo[a,h]anthracene	15.61	278	6034	8.40	ng	97
88) Benzo[g,h,i]perylene	15.88	276	20163	30.54	ng	81

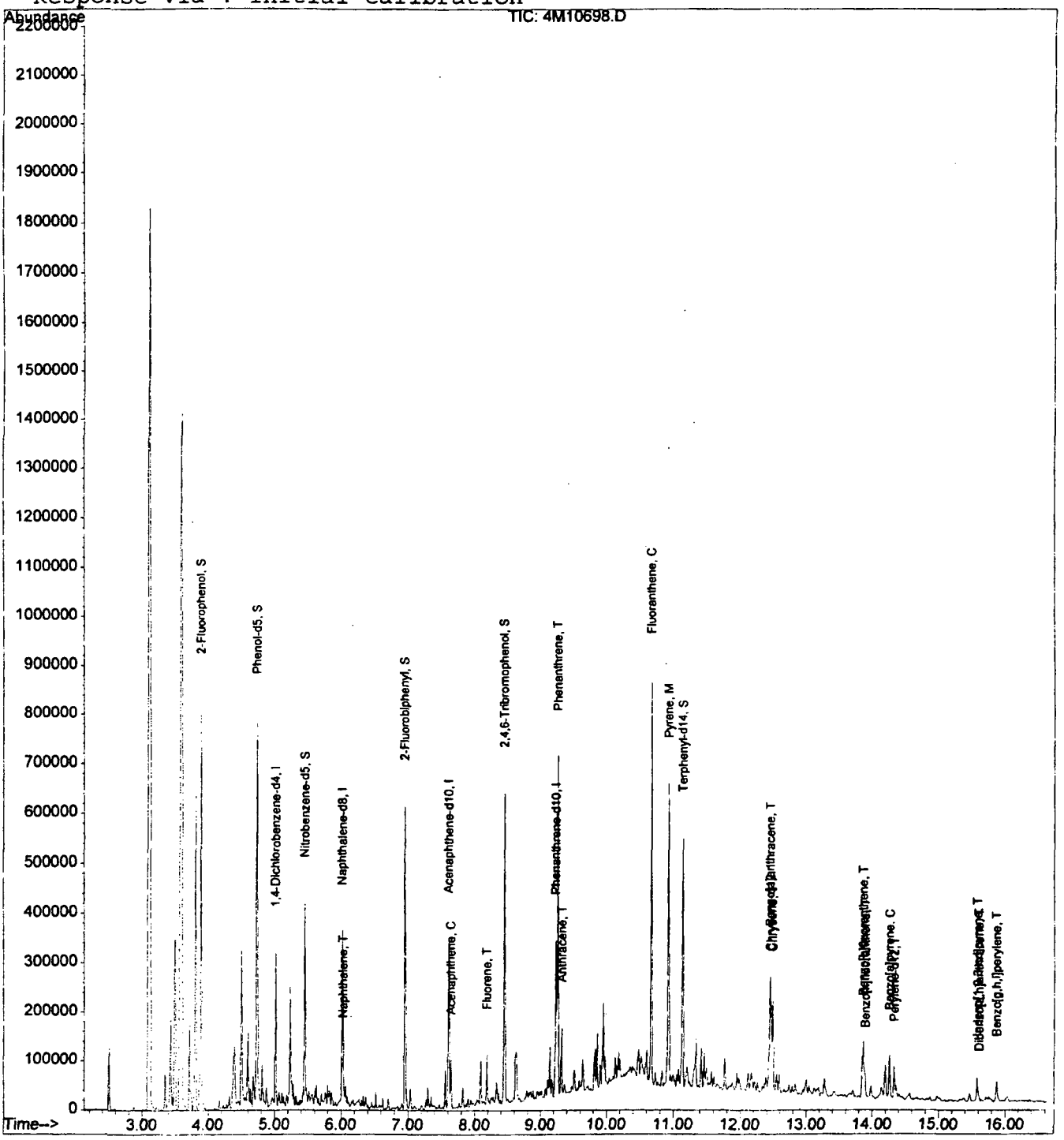
11616

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10698.D Vial: 12
Acq On : 30 May 2006 18:56 Operator: AHD
Sample : AC23685-001 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:01 2006 Quant Results File: 4M_0523.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23685-002
Client Id: SS-19D 1400 1450
Data File: 4M10697.D
Analysis Date: 05/30/06 18:32
Date Rec/Extracted: 05/25/06-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 85

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.39	0.10 J	218-01-9	Chrysene	0.39	0.60
208-96-8	Acenaphthylene	0.39	U	53-70-3	Dibenzo[a,h]anthracene	0.39	0.12 J
120-12-7	Anthracene	0.39	0.25 J	206-44-0	Fluoranthene	0.39	1.3
56-55-3	Benzo[a]anthracene	0.39	0.75	86-73-7	Fluorene	0.39	0.14 J
50-32-8	Benzo[a]pyrene	0.39	0.61	193-39-5	Indeno[1,2,3-cd]pyrene	0.39	0.46
205-99-2	Benzo[b]fluoranthene	0.39	0.73	91-20-3	Naphthalene	0.39	0.057 J
191-24-2	Benzo[g,h,i]perylene	0.39	0.54	85-01-8	Phenanthrene	0.39	0.99
207-08-9	Benzo[k]fluoranthene	0.39	0.36 J	129-00-0	Pyrene	0.39	1.7

Worksheet #: 28364

Total Target Concentration 8.707

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10697.D Vial: 11
Acq On : 30 May 2006 18:32 Operator: AHD
Sample : AC23685-002 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:02 2006 Quant Results File: 4M_0523.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.02	152	45043	40.00 ng	-0.05
19) Naphthalene-d8	6.02	136	143686	40.00 ng	-0.06
35) Acenaphthene-d10	7.62	164	75964	40.00 ng	-0.07
59) Phenanthrene-d10	9.23	188	115169	40.00 ng	-0.08
72) Chrysene-d12	12.46	240	59219	40.00 ng	-0.09
81) Perylene-d12	14.33	264	32172	40.00 ng	-0.09
System Monitoring Compounds					
4) 2-Fluorophenol	3.89	112	154239	115.33 ng	-0.05
Spiked Amount 200.000			Recovery =	57.67%	
7) Phenol-d5	4.74	99	246385	135.38 ng	-0.04
Spiked Amount 200.000			Recovery =	67.69%	
20) Nitrobenzene-d5	5.46	128	54753	77.90 ng	-0.05
Spiked Amount 100.000			Recovery =	77.90%	
40) 2-Fluorobiphenyl	6.96	172	201006	84.35 ng	-0.06
Spiked Amount 100.000			Recovery =	84.35%	
62) 2,4,6-Tribromophenol	8.45	332	72091	133.82 ng	-0.07
Spiked Amount 200.000			Recovery =	66.91%	
75) Terphenyl-d14	11.14	244	160407	105.06 ng	-0.07
Spiked Amount 100.000			Recovery =	105.06%	
Target Compounds					Qvalue
29) Naphthalene	6.03	128	5973	1.45 ng	96
49) Acenaphthene	7.65	153	6883	2.60 ng	89
55) Fluorene	8.19	166	9689	3.49 ng	94
67) Phenanthrene	9.26	178	94670	25.12 ng	98
68) Anthracene	9.32	178	25194	6.31 ng	94
71) Fluoranthene	10.66	202	138079	32.45 ng	96
73) Pyrene	10.93	202	116425	43.79 ng	92
78) Benzo[a]anthracene	12.45	228	44878	19.13 ng	97
79) Chrysene	12.49	228	32664	15.37 ng	94
83) Benzo[b]fluoranthene	13.85	252	33912m	18.65 ng	
84) Benzo[k]fluoranthene	13.88	252	13760m	9.19 ng	
85) Benzo[a]pyrene	14.26	252	22579	15.61 ng	96
86) Indeno[1,2,3-cd]pyrene	15.58	276	13238	11.75 ng	86
87) Dibenzo[a,h]anthracene	15.60	278	2989	3.16 ng	62
88) Benzo[g,h,i]perylene	15.88	276	11951	13.73 ng	93

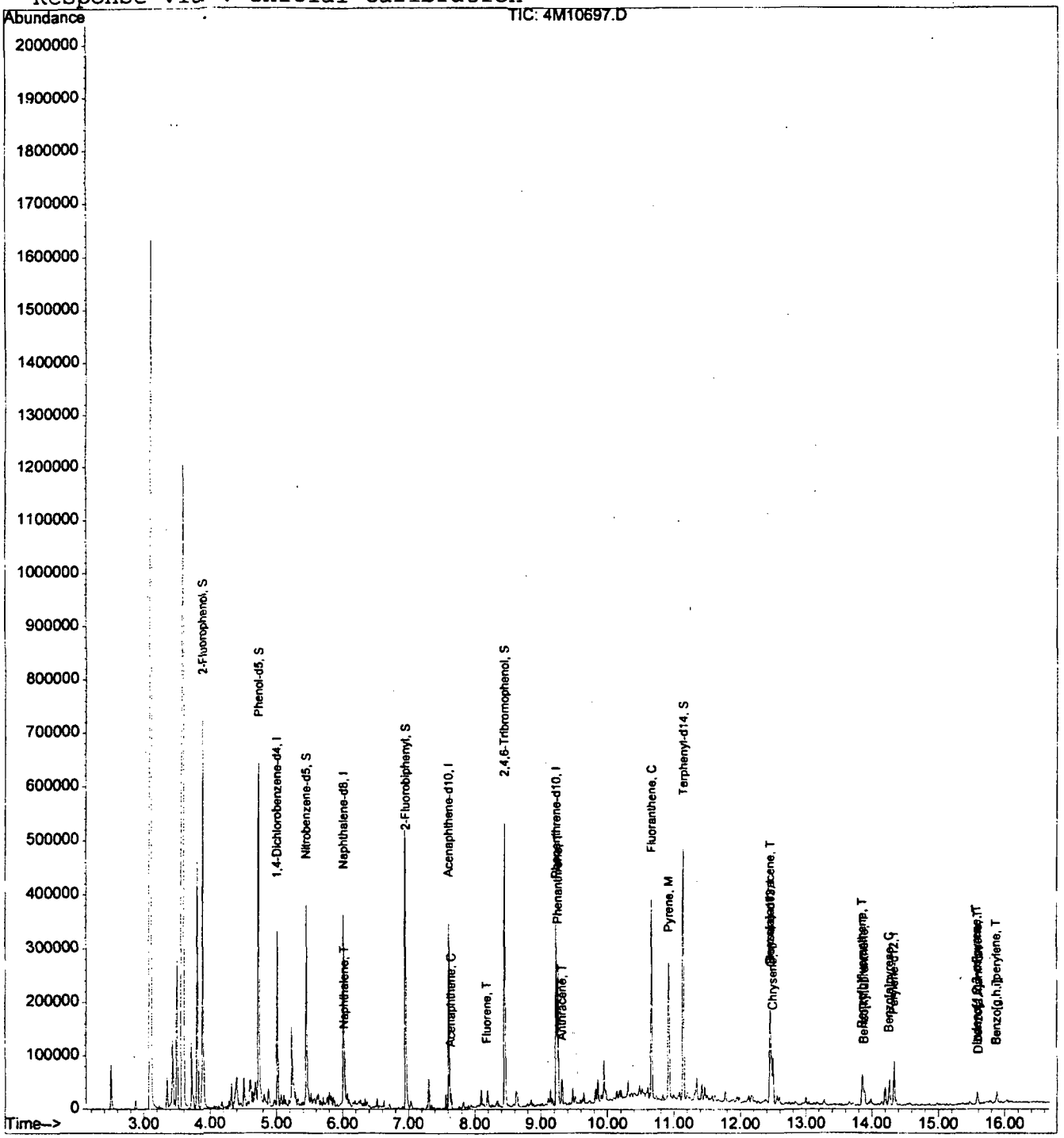
6/6/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10697.D Vial: 11
Acq On : 30 May 2006 18:32 Operator: AHD
Sample : AC23685-002 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:02 2006 Quant Results File: 4M_0523.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23685-003(5X)
Client Id: SS19C 1000 1050
Data File: 4M10694.D
Analysis Date: 05/30/06 17:21
Date Rec/Extracted: 05/25/06-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	2.0	1.5 J	218-01-9	Chrysene	2.0	6.4
208-96-8	Acenaphthylene	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	1.6 J
120-12-7	Anthracene	2.0	3.2	206-44-0	Fluoranthene	2.0	12
56-55-3	Benzo[a]anthracene	2.0	6.4	86-73-7	Fluorene	2.0	1.9 J
50-32-8	Benzo[a]pyrene	2.0	5.5	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	3.8
205-99-2	Benzo[b]fluoranthene	2.0	7.0	91-20-3	Naphthalene	2.0	1.0 J
191-24-2	Benzo[g,h,i]perylene	2.0	4.1	85-01-8	Phenanthrene	2.0	11
207-08-9	Benzo[k]fluoranthene	2.0	3.0	129-00-0	Pyrene	2.0	17

Worksheet #: 28364

Total Target Concentration 85.4

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10694.D Vial: 8
Acq On : 30 May 2006 17:21 Operator: AHD
Sample : AC23685-003(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:02 2006 Quant Results File: 4M_0523.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.01	152	35317	40.00	ng	-0.06
19) Naphthalene-d8	6.01	136	114536	40.00	ng	-0.07
35) Acenaphthene-d10	7.61	164	68861	40.00	ng	-0.08
59) Phenanthrene-d10	9.23	188	105305	40.00	ng	-0.08
72) Chrysene-d12	12.46	240	48647	40.00	ng	-0.10
81) Perylene-d12	14.34	264	25012	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.89	112	31374	29.92	ng	-0.06
Spiked Amount 200.000			Recovery = 14.96%			
7) Phenol-d5	4.73	99	38776	27.17	ng	-0.06
Spiked Amount 200.000			Recovery = 13.59%			
20) Nitrobenzene-d5	5.45	128	8426	15.04	ng	-0.06
Spiked Amount 100.000			Recovery = 15.04%			
40) 2-Fluorobiphenyl	6.95	172	35661	16.51	ng	-0.07
Spiked Amount 100.000			Recovery = 16.51%			
62) 2,4,6-Tribromophenol	8.46	332	14186	28.80	ng	-0.07
Spiked Amount 200.000			Recovery = 14.40%			
75) Terphenyl-d14	11.14	244	28172	22.46	ng	-0.08
Spiked Amount 100.000			Recovery = 22.46%			
Target Compounds						Qvalue
29) Naphthalene	6.03	128	16883	5.13	ng	95
49) Acenaphthene	7.65	153	17957	7.48	ng	94
55) Fluorene	8.19	166	23715	9.42	ng	97
67) Phenanthrene	9.27	178	193575	56.18	ng	98
68) Anthracene	9.32	178	58394	16.00	ng	98
71) Fluoranthene	10.67	202	228545	58.73	ng	93
73) Pyrene	10.93	202	185590	84.97	ng	87
78) Benzo[a]anthracene	12.44	228	62400	32.38	ng	97
79) Chrysene	12.50	228	55884	32.01	ng	95
83) Benzo[b]fluoranthene	13.86	252	50074m	35.42	ng	
84) Benzo[k]fluoranthene	13.89	252	17390m	14.94	ng	
85) Benzo[a]pyrene	14.26	252	31039	27.61	ng	99
86) Indeno[1,2,3-cd]pyrene	15.58	276	16649	19.02	ng	87
87) Dibenzo[a,h]anthracene	15.60	278	5793	7.87	ng	81
88) Benzo[g,h,i]perylene	15.88	276	14029	20.73	ng	94

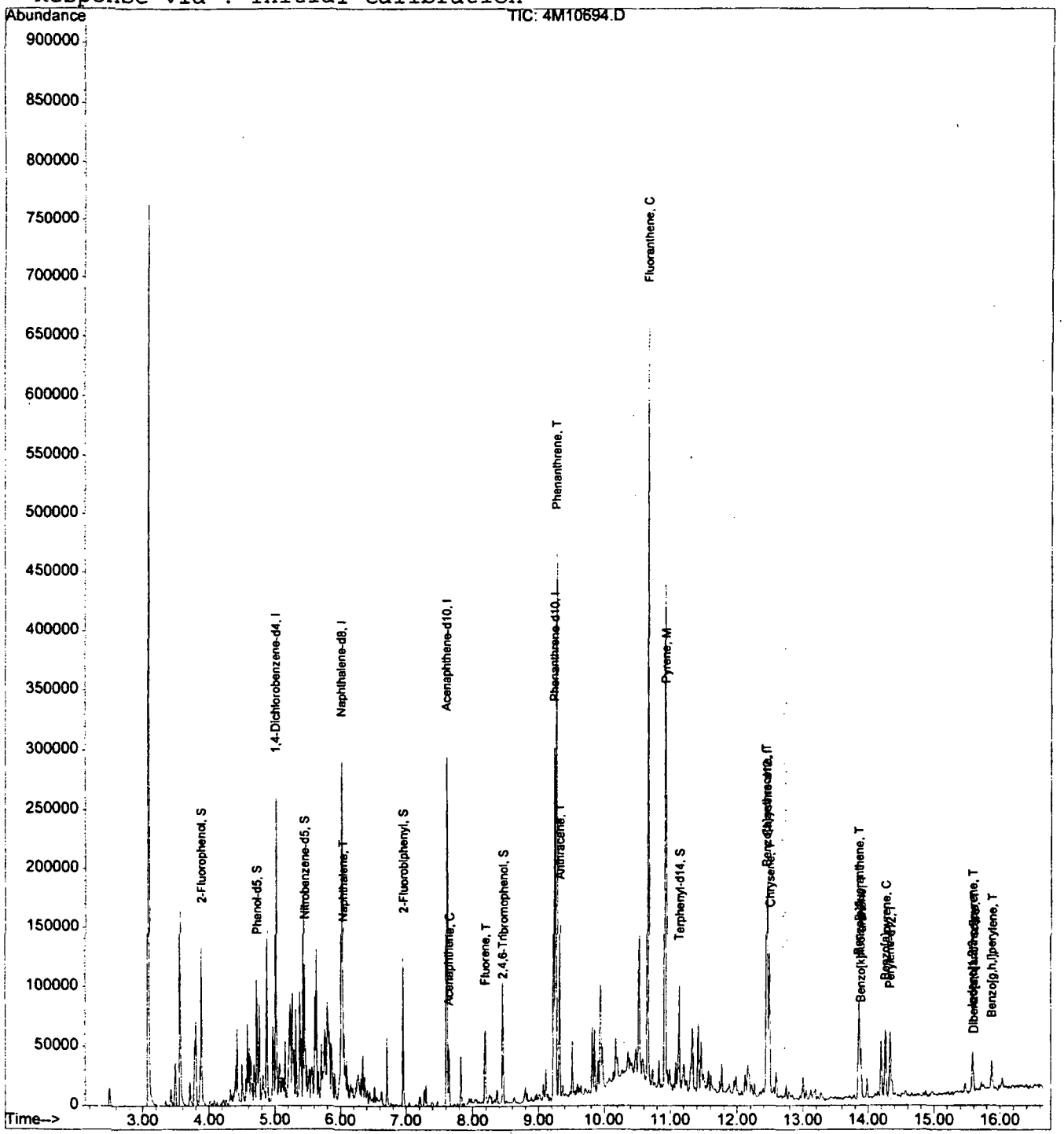
AHD 6/1/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10694.D Vial: 8
Acq On : 30 May 2006 17:21 Operator: AHD
Sample : AC23685-003(5X) Inst : GCMS_4
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:02 2006 Quant Results File: 4M_0523.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23685-019
Client Id: SS-24B 1500 1700
Data File: 4M10700.D
Analysis Date: 05/30/06 19:43
Date Rec/Extracted: 05/25/06-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.40	0.59	218-01-9	Chrysene	0.40	2.4
208-96-8	Acenaphthylene	0.40	0.15 J	53-70-3	Dibenzo[a,h]anthracene	0.40	0.60
120-12-7	Anthracene	0.40	1.3	206-44-0	Fluoranthene	0.40	4.1
56-55-3	Benzo[a]anthracene	0.40	2.5	86-73-7	Fluorene	0.40	0.71
50-32-8	Benzo[a]pyrene	0.40	2.1	193-39-5	Indeno[1,2,3-cd]pyrene	0.40	1.5
205-99-2	Benzo[b]fluoranthene	0.40	2.7	91-20-3	Naphthalene	0.40	0.65
191-24-2	Benzo[g,h,i]perylene	0.40	1.7	85-01-8	Phenanthrene	0.40	4.8
207-08-9	Benzo[k]fluoranthene	0.40	1.1	129-00-0	Pyrene	0.40	7.3

Worksheet #: 28364

Total Target Concentration 34.2

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

0030

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10700.D Vial: 14
Acq On : 30 May 2006 19:43 Operator: AHD
Sample : AC23685-019 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:03 2006 Quant Results File: 4M_0523.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.02	152	41814	40.00	ng	-0.05
19) Naphthalene-d8	6.02	136	143846	40.00	ng	-0.06
35) Acenaphthene-d10	7.62	164	75368	40.00	ng	-0.07
59) Phenanthrene-d10	9.23	188	117282	40.00	ng	-0.08
72) Chrysene-d12	12.46	240	43114	40.00	ng	-0.09
81) Perylene-d12	14.34	264	19670	40.00	ng	-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	3.89	112	167553	134.96	ng	-0.05
Spiked Amount 200.000			Recovery = 67.48%			
7) Phenol-d5	4.73	99	220018	130.23	ng	-0.05
Spiked Amount 200.000			Recovery = 65.11%			
20) Nitrobenzene-d5	5.46	128	49324	70.10	ng	-0.05
Spiked Amount 100.000			Recovery = 70.10%			
40) 2-Fluorobiphenyl	6.95	172	170060	71.92	ng	-0.07
Spiked Amount 100.000			Recovery = 71.92%			
62) 2,4,6-Tribromophenol	8.45	332	75828	138.22	ng	-0.07
Spiked Amount 200.000			Recovery = 69.11%			
75) Terphenyl-d14	11.14	244	129081	116.12	ng	-0.07
Spiked Amount 100.000			Recovery = 116.12%			
Target Compounds						Qvalue
29) Naphthalene	6.04	128	66468	16.07	ng	99
46) Acenaphthylene	7.47	152	14948	3.63	ng	95
49) Acenaphthene	7.65	153	38767	14.75	ng	94
55) Fluorene	8.19	166	48740	17.70	ng	96
67) Phenanthrene	9.27	178	454207	118.36	ng	98
68) Anthracene	9.32	178	132273	32.54	ng	99
71) Fluoranthene	10.67	202	447308	103.21	ng	99
73) Pyrene	10.94	202	354190	182.98	ng	88
78) Benzo[a]anthracene	12.45	228	108138	63.32	ng	99
79) Chrysene	12.50	228	92357	59.69	ng	96
83) Benzo[b]fluoranthene	13.86	252	73778m	66.36	ng	
84) Benzo[k]fluoranthene	13.89	252	24374m	26.63	ng	
85) Benzo[a]pyrene	14.27	252	46834	52.97	ng	99
86) Indeno[1,2,3-cd]pyrene	15.59	276	25293	36.73	ng	85
87) Dibenzo[a,h]anthracene	15.61	278	8637	14.91	ng	93
88) Benzo[g,h,i]perylene	15.89	276	22129	41.59	ng	97

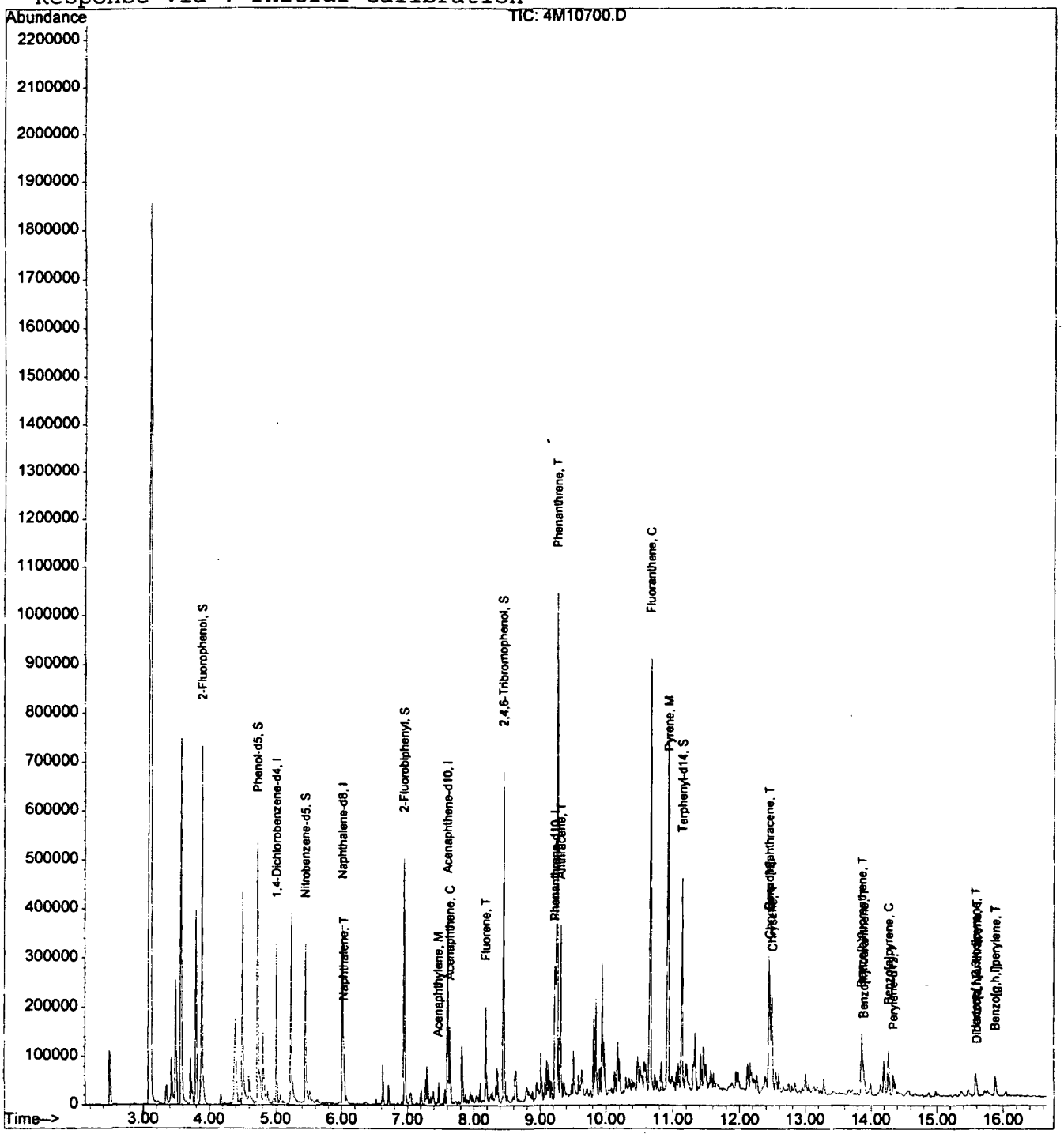
11616

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10700.D Vial: 14
Acq On : 30 May 2006 19:43 Operator: AHD
Sample : AC23685-019 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:03 2006 Quant Results File: 4M_0523.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Tue May 23 16:49:50 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23685-020
Client Id: SS-24B 1850 1900
Data File: 5M19183.D
Analysis Date: 05/30/06 18:00
Date Rec/Extracted: 05/25/06-05/30/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.42	U	218-01-9	Chrysene	0.42	U
208-96-8	Acenaphthylene	0.42	U	53-70-3	Dibenzo[a,h]anthracene	0.42	U
120-12-7	Anthracene	0.42	U	206-44-0	Fluoranthene	0.42	U
56-55-3	Benzo[a]anthracene	0.42	U	86-73-7	Fluorene	0.42	U
50-32-8	Benzo[a]pyrene	0.42	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.42	U
205-99-2	Benzo[b]fluoranthene	0.42	U	91-20-3	Naphthalene	0.42	U
191-24-2	Benzo[g,h,i]perylene	0.42	U	85-01-8	Phenanthrene	0.42	U
207-08-9	Benzo[k]fluoranthene	0.42	U	129-00-0	Pyrene	0.42	0.050 J

Worksheet #: 28364

Total Target Concentration 0.05

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\05-30-06\5M19183.D Vial: 20
Acq On : 30 May 2006 18:00 Operator: AHD
Sample : AC23685-020 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:00 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

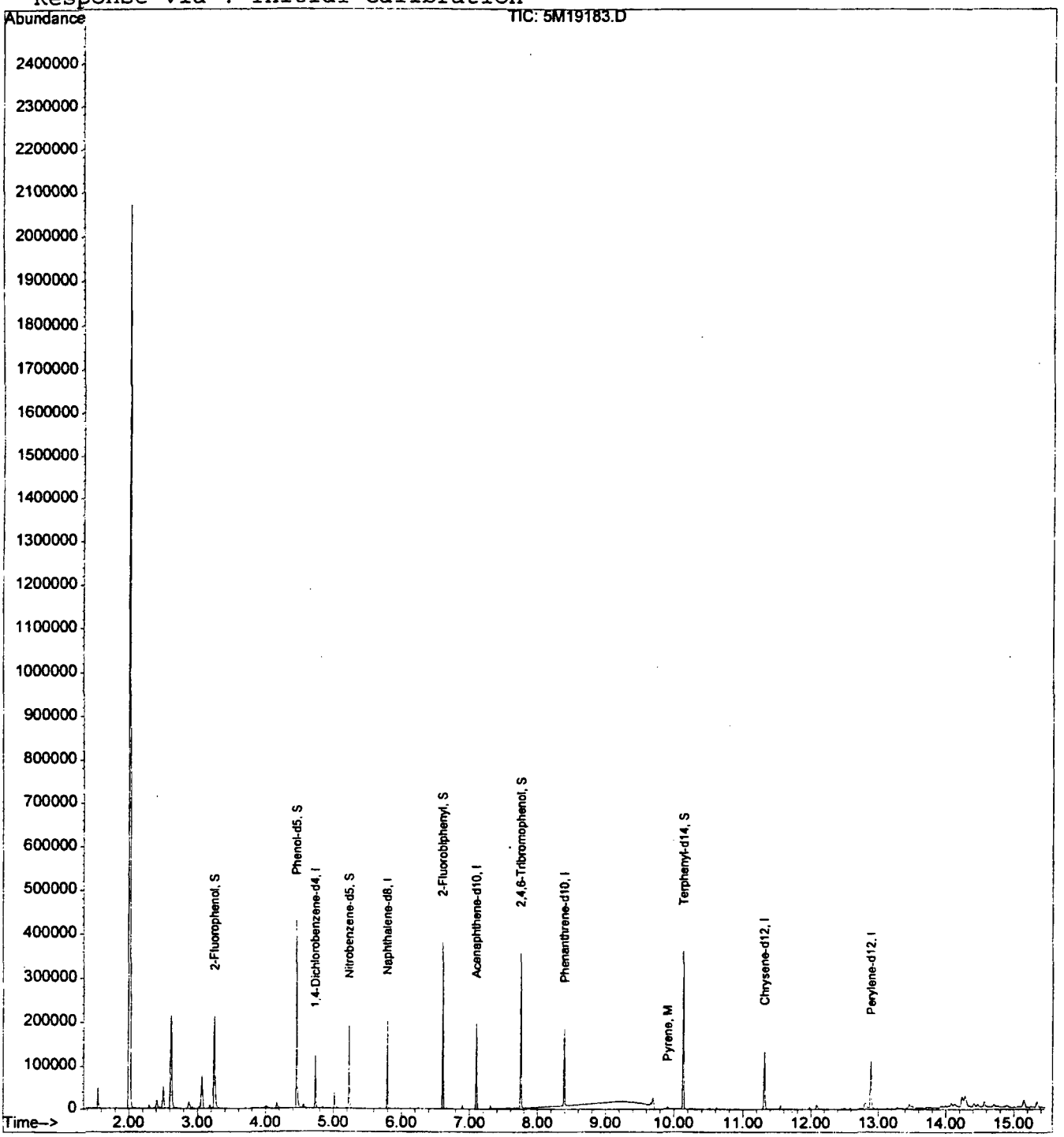
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.73	152	12294	40.00	ng	-0.03
20) Naphthalene-d8	5.80	136	48823	40.00	ng	-0.03
36) Acenaphthene-d10	7.10	164	28140	40.00	ng	-0.03
61) Phenanthrene-d10	8.39	188	48474	40.00	ng	-0.04
77) Chrysene-d12	11.31	240	40067	40.00	ng	-0.05
88) Perylene-d12	12.89	264	31849	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.25	112	60063	155.00	ng	-0.06
Spiked Amount 200.000			Recovery = 77.50%			
8) Phenol-d5	4.45	99	87940	149.20	ng	-0.03
Spiked Amount 200.000			Recovery = 74.60%			
21) Nitrobenzene-d5	5.23	128	15657	80.34	ng	-0.03
Spiked Amount 100.000			Recovery = 80.34%			
41) 2-Fluorobiphenyl	6.61	172	75230	85.95	ng	-0.03
Spiked Amount 100.000			Recovery = 85.95%			
64) 2,4,6-Tribromophenol	7.75	330	15184	188.88	ng	-0.04
Spiked Amount 200.000			Recovery = 94.44%			
80) Terphenyl-d14	10.13	244	81320	97.55	ng	-0.04
Spiked Amount 100.000			Recovery = 97.55%			
Target Compounds						Qvalue
78) Pyrene	9.91	202	2106	1.18	ng	89

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\05-30-06\5M19183.D Vial: 20
Acq On : 30 May 2006 18:00 Operator: AHD
Sample : AC23685-020 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 1 10:00 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 6052601**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC23685-001	SS-19D 1250 130	Soil	1	85	Percent			05/30/06	05/25/06	05/23/06
AC23685-002	SS-19D 1400 145	Soil	1	85	Percent			05/30/06	05/25/06	05/23/06
AC23685-003	SS19C 1000 1050	Soil	1	84	Percent			05/30/06	05/25/06	05/23/06
AC23685-019	SS-24B 1500 170	Soil	1	83	Percent			05/30/06	05/25/06	05/24/06
AC23685-020	SS-24B 1850 190	Soil	1	79	Percent			05/30/06	05/25/06	05/24/06

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
4M10639	SMB2899	Soil	1		NA	NA	77	69	NA	62
4M10689	SMB2901	Soil	1		NA	NA	73	74	NA	68
5M19175	SMB2901	Soil	1		NA	NA	78	82	NA	99
4M10698	AC23685-001	Soil	1		NA	NA	83	83	NA	119
4M10697	AC23685-002	Soil	1		NA	NA	78	84	NA	105
4M10694	AC23685-003(5X)	Soil	5		NA	NA	75	83	NA	112
4M10700	AC23685-019	Soil	1		NA	NA	70	72	NA	116
5M19183	AC23685-020	Soil	1		NA	NA	80	86	NA	98
4M10640	SMB2899(MS)	Soil	1		NA	NA	73	71	NA	63
4M10642	AC23639-004(MS)	Soil	1		NA	NA	75	75	NA	67
4M10643	AC23639-004(MSD)	Soil	1		NA	NA	76	73	NA	64

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM 3
Spike Recovery

Batch Number: SMB2899
Mbs Name: SMB2899(MS)
Ns Name: AC23639-004
Ms Name: AC23639-004(MS)
Msd Name: AC23639-004(MS

Mbs File: 4M10640.D
Non Spk'd File: 4M10641.D
Spike File: 4M10642.D
Spike Dup File: 4M10643.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,4-Dichlorobenzene	1	0	100	28	104	27	78.10	0.00	86.96	85.26	78	87	85	2
N-Nitroso-di-n-propyla	1	0	100	41	126	38	81.81	0.00	84.24	82.63	82	84	83	1.9
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.04	0.00	95.33	88.31	86	95	88	7.6
Acenaphthene	1	0	100	31	137	19	63.30	0.00	69.62	66.59	63	70	67	4.4
2,4-Dinitrotoluene	1	0	100	28	89	47	88.83	0.00	95.24	90.36	89	95 Mo	90 Mo	5.3
Pyrene	1	0	100	35	142	36	57.71	0.00	65.45	61.94	58	65	62	5.5

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2899
Blank Data File: 4M10639.D
Matrix: Soil

Blank Analysis Date: 05/25/06 16:13
Blank Extraction Date: 05/25/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23639-004(MS	4M10643.D	05/25/06 17:47
AC23639-004(MS)	4M10642.D	05/25/06 17:23
SMB2899(MS)	4M10640.D	05/25/06 16:36

FORM 4
Blank Summary

Blank Number: SMB2901
Blank Data File: 4M10689.D
Matrix: Soil

Blank Analysis Date: 05/30/06 15:04
Blank Extraction Date: 05/30/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23685-001	4M10698.D	05/30/06 18:56
AC23685-002	4M10697.D	05/30/06 18:32
AC23685-003(5X)	4M10694.D	05/30/06 17:21
AC23685-019	4M10700.D	05/30/06 19:43

FORM 4
Blank Summary

Blank Number: SMB2901
Blank Data File: 5M19175.D
Matrix: Soil

Blank Analysis Date: 05/30/06 15:08
Blank Extraction Date: 05/30/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23685-020	5M19183.D	05/30/06 18:00

Form 5

Tune Name: CAL DFTPP **Data File:** 4M10561.D
Instrument: GCMS_4 **Analysis Date:** 05/23/06 12:45

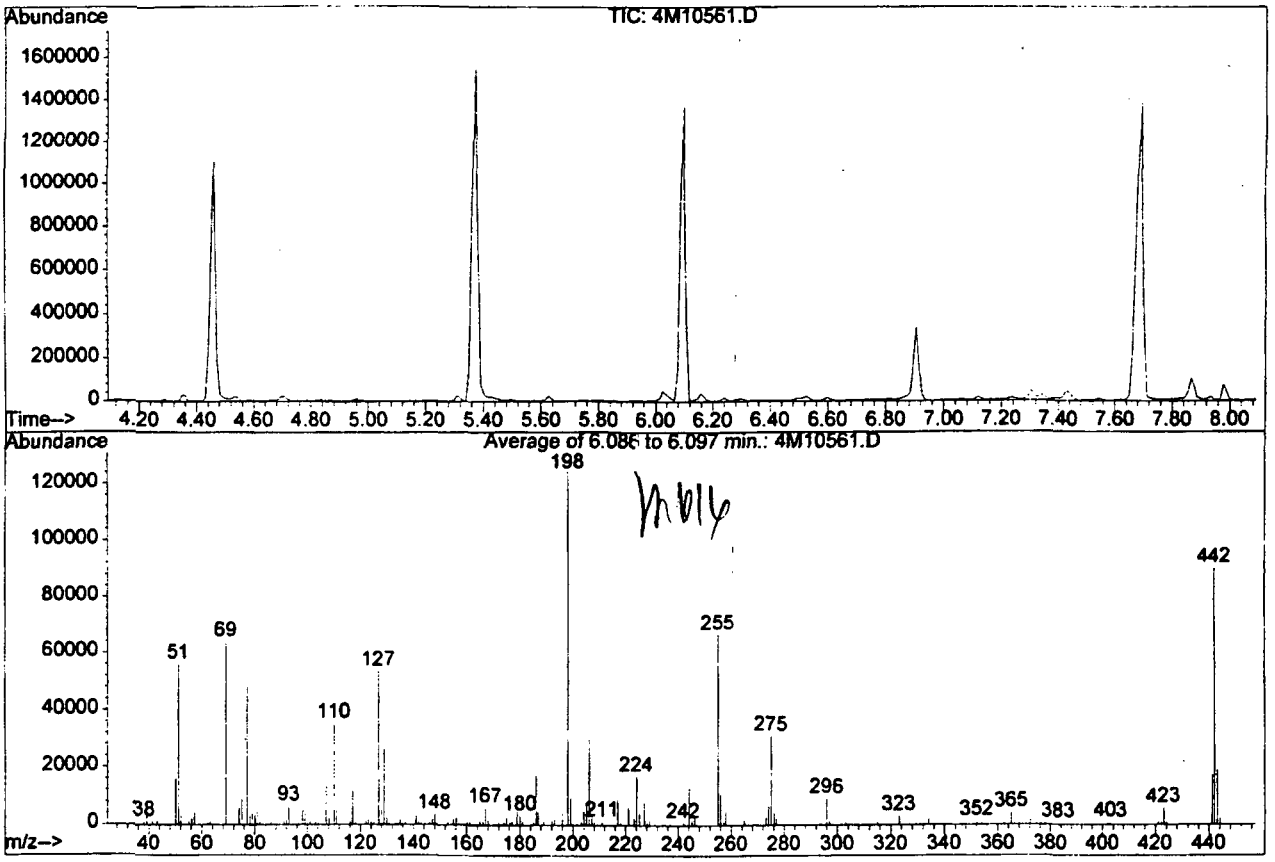
Tune Scan/Time Range: Average of 6.086 to 6.097 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	45.0	56100	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	51.3	63996	PASS
70	69	0.00	2	0.5	336	PASS
127	198	40	60	42.9	53556	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	124728	PASS
199	198	5	9	7.5	9366	PASS
275	198	10	30	24.9	31112	PASS
365	198	1	100	3.2	4028	PASS
441	443	0.01	100	89.2	16954	PASS
442	198	40	100	72.5	90396	PASS
443	442	17	23	21.0	19006	PASS

Data File	Sample Number	Analysis Date:
4M10562.D	CAL BNA@50PPM	05/23/06 13:09
4M10563.D	CAL BNA@50PPM	05/23/06 13:38
4M10564.D	CAL BNA@10PPM	05/23/06 14:02
4M10565.D	CAL BNA@25PPM	05/23/06 14:26
4M10566.D	CAL BNA@80PPM	05/23/06 14:50
4M10567.D	CAL BNA@120PP	05/23/06 15:13
4M10568.D	CAL BNA@160PP	05/23/06 15:37
4M10569.D	CAL BNA@200PP	05/23/06 16:00
4M10570.D	CAL BNA@120PP	05/23/06 16:24
4M10571.D	SMB2895	05/23/06 16:48

DFTPP

Data File : G:\GcMsData\2006\GCMS_4\Data\05-23-06\4M10561.D Vial: 1
Acq On : 23 May 2006 12:45 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0519.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Average of 6.086 to 6.097 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.0	56100	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	51.3	63996	PASS
70	69	0.00	2	0.5	336	PASS
127	198	40	60	42.9	53556	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	124728	PASS
199	198	5	9	7.5	9366	PASS
275	198	10	30	24.9	31112	PASS
365	198	1	100	3.2	4028	PASS
441	443	0.01	100	89.2	16954	PASS
442	198	40	100	72.5	90396	PASS
443	442	17	23	21.0	19006	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 4M10635.D
Instrument: GCMS_4 **Analysis Date:** 05/25/06 13:57

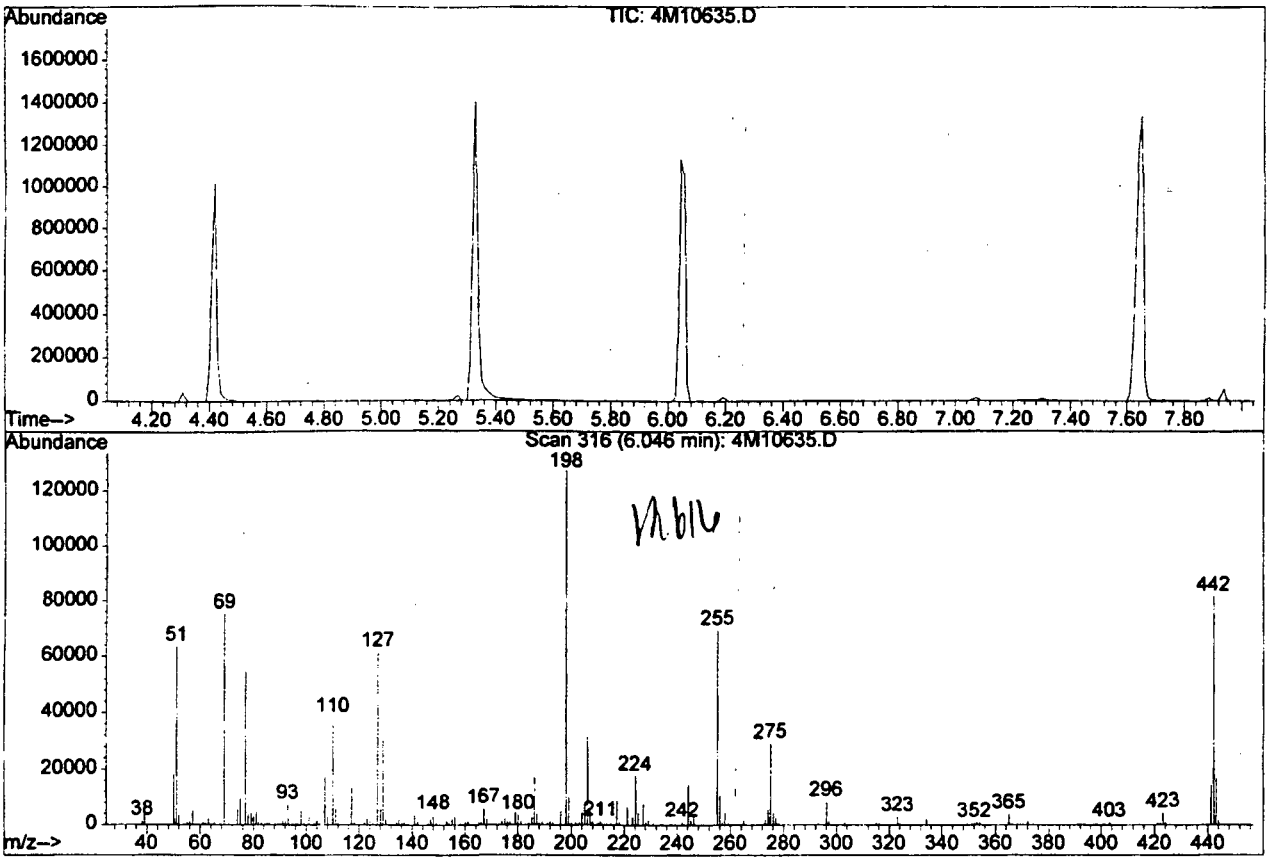
Tune Scan/Time Range: Scan 316

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	49.9	63360	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.9	74888	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	61664	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	127080	PASS
199	198	5	9	7.9	9978	PASS
275	198	10	30	23.0	29176	PASS
365	198	1	100	3.1	3991	PASS
441	443	0.01	100	84.9	14287	PASS
442	198	40	100	64.1	81480	PASS
443	442	17	23	20.6	16824	PASS

Data File	Sample Number	Analysis Date:
4M10636.D	CAL BNA@50PPM	05/25/06 14:44
4M10637.D	SMB2898	05/25/06 15:08
4M10638.D	AC23573-004	05/25/06 15:49
4M10639.D	SMB2899	05/25/06 16:13
4M10640.D	SMB2899(MS)	05/25/06 16:36
4M10641.D	AC23639-004	05/25/06 17:00
4M10642.D	AC23639-004(MS)	05/25/06 17:23
4M10643.D	AC23639-004(MS	05/25/06 17:47
4M10644.D	AC23595-005	05/25/06 18:11
4M10645.D	AC23639-001	05/25/06 18:34
4M10646.D	AC23610-005	05/25/06 18:58
4M10647.D	AC23610-004	05/25/06 19:22
4M10648.D	AC23610-003	05/25/06 19:45
4M10649.D	AC23610-002	05/25/06 20:09
4M10650.D	AC23610-001	05/25/06 20:33
4M10651.D	AC23639-006	05/25/06 20:57
4M10652.D	AC23639-007	05/25/06 21:20
4M10653.D	AC23595-004	05/25/06 21:44
4M10654.D	AC23599-001	05/25/06 22:08
4M10655.D	AC23573-014	05/25/06 22:32
4M10656.D	AC23639-002	05/25/06 22:55
4M10657.D	AC23639-003	05/25/06 23:19
4M10658.D	AC23596-013	05/25/06 23:43
4M10659.D	AC23639-005	05/26/06 00:07
4M10660.D	AC23573-012	05/26/06 00:30
4M10661.D	AC23573-013	05/26/06 00:54
4M10662.D	AC23573-015	05/26/06 01:18
4M10663.D	AC23596-008	05/26/06 01:41

DFTPP

Data File : G:\GcMsData\2006\GCMS_4\Data\05-25-06\4M10635.D Vial: 1
Acq On : 25 May 2006 13:57 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Scan 316

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.9	63360	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.9	74888	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	61664	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	127080	PASS
199	198	5	9	7.9	9978	PASS
275	198	10	30	23.0	29176	PASS
365	198	1	100	3.1	3991	PASS
441	443	0.01	100	84.9	14287	PASS
442	198	40	100	64.1	81480	PASS
443	442	17	23	20.6	16824	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19120.D
Instrument: GCMS_5 **Analysis Date:** 05/26/06 11:25

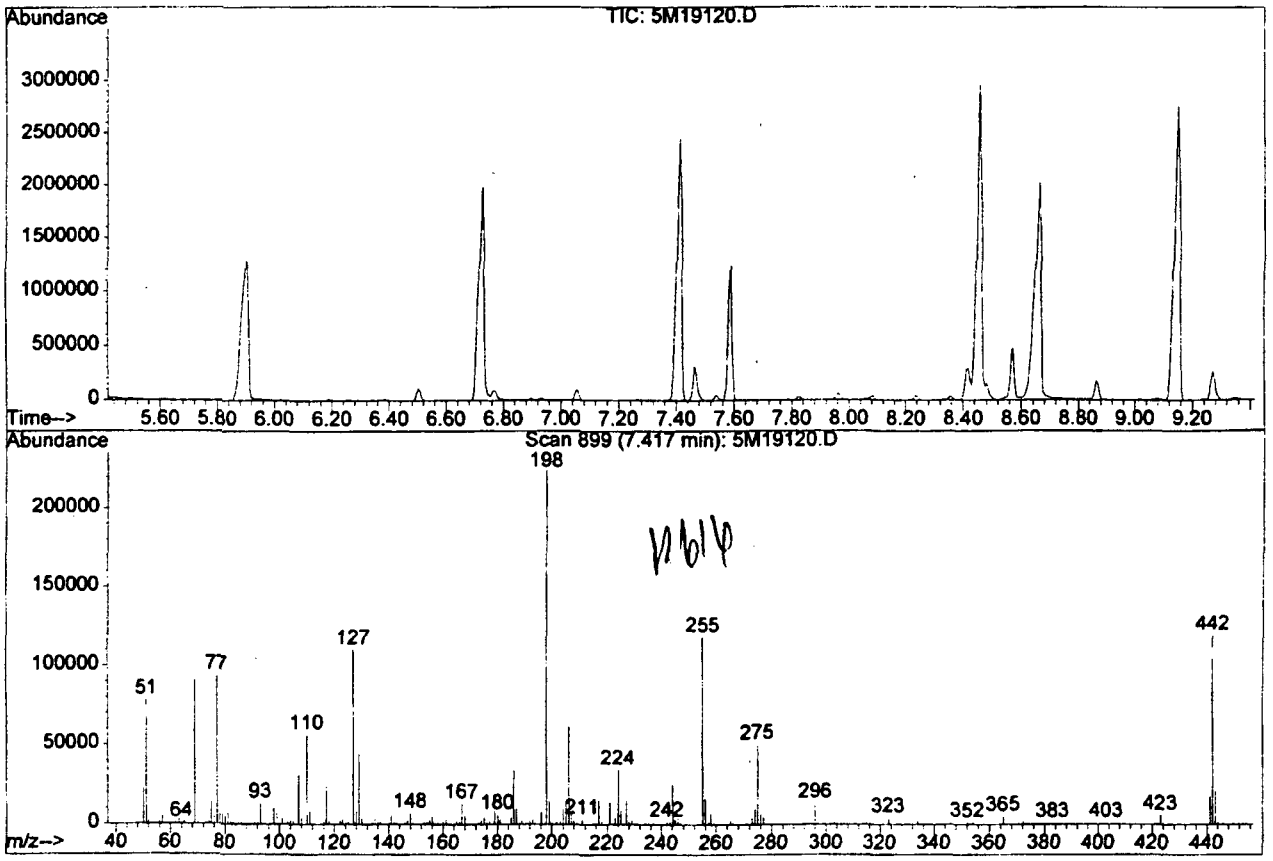
Tune Scan/Time Range: Scan 899

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.7	77984	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	40.5	91008	PASS
70	69	0.00	2	0.5	496	PASS
127	198	40	60	49.2	110712	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	224832	PASS
199	198	5	9	6.7	15040	PASS
275	198	10	30	22.4	50312	PASS
365	198	1	100	2.1	4658	PASS
441	443	0.01	100	82.6	17544	PASS
442	198	40	100	53.4	119976	PASS
443	442	17	23	17.7	21248	PASS

Data File	Sample Number	Analysis Date:
5M19121.D	CAL BNA@50PPM	05/26/06 12:01
5M19122.D	CAL BNA@10PPM	05/26/06 12:24
5M19123.D	CAL BNA@25PPM	05/26/06 12:45
5M19124.D	CAL BNA@80PPM	05/26/06 13:06
5M19125.D	CAL BNA@120PP	05/26/06 13:28
5M19126.D	CAL BNA@160PP	05/26/06 13:49
5M19127.D	CAL BNA@200PP	05/26/06 14:10
5M19128.D	WMB2906	05/26/06 15:17
5M19129.D	WMB2906(MS)	05/26/06 15:38
5M19130.D	AC23561-006(T)	05/26/06 15:59
5M19131.D	AC23561-006(MS)(	05/26/06 16:21
5M19132.D	AC23561-006(MS	05/26/06 16:42
5M19133.D	WMB2907	05/26/06 17:03
5M19134.D	WMB2907(MS)	05/26/06 17:25
5M19135.D	AC23676-007	05/26/06 17:46
5M19136.D	AC23618-002	05/26/06 18:08
5M19137.D	AC23618-003	05/26/06 18:29
5M19138.D	AC23618-004	05/26/06 18:51
5M19139.D	AC23618-005	05/26/06 19:12
5M19140.D	AC23618-006	05/26/06 19:33
5M19141.D	AC23618-001	05/26/06 19:54
5M19142.D	AC23637-001	05/26/06 20:16
5M19143.D	AC23637-003	05/26/06 20:37
5M19144.D	AC23637-004	05/26/06 20:58
5M19145.D	AC23637-005	05/26/06 21:19
5M19146.D	AC23637-006	05/26/06 21:41
5M19147.D	AC23637-007	05/26/06 22:02
5M19148.D	AC23637-008	05/26/06 22:23
5M19149.D	AC23638-001	05/26/06 22:44
5M19150.D	AC23638-003	05/26/06 23:05
5M19151.D	AC23638-005	05/26/06 23:26
5M19152.D	AC23630-014	05/26/06 23:47
5M19153.D	AC23622-001	05/27/06 00:08
5M19154.D	AC23622-003	05/27/06 00:30
5M19155.D	AC23622-005	05/27/06 00:51
5M19156.D	AC23622-007	05/27/06 01:12
5M19157.D	AC23622-009	05/27/06 01:33
5M19158.D	AC23583-003	05/27/06 01:54
5M19159.D	AC23588-002	05/27/06 02:15
5M19160.D	AC23588-003	05/27/06 02:36
5M19161.D	AC23609-001	05/27/06 02:58
5M19162.D	AC23609-003	05/27/06 03:19
5M19163.D	AC23578-001(5X)	05/27/06 03:40

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\05-26-06\5M19120.D Vial: 1
Acq On : 26 May 2006 11:25 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0524.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 899

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.7	77984	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	40.5	91008	PASS
70	69	0.00	2	0.5	496	PASS
127	198	40	60	49.2	110712	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	224832	PASS
199	198	5	9	6.7	15040	PASS
275	198	10	30	22.4	50312	PASS
365	198	1	100	2.1	4658	PASS
441	443	0.01	100	82.6	17544	PASS
442	198	40	100	53.4	119976	PASS
443	442	17	23	17.7	21248	PASS

5M19120.D 5M_0524.M Thu Jun 01 13:48:00 2006 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19164.D
Instrument: GCMS_5 **Analysis Date:** 05/30/06 10:38

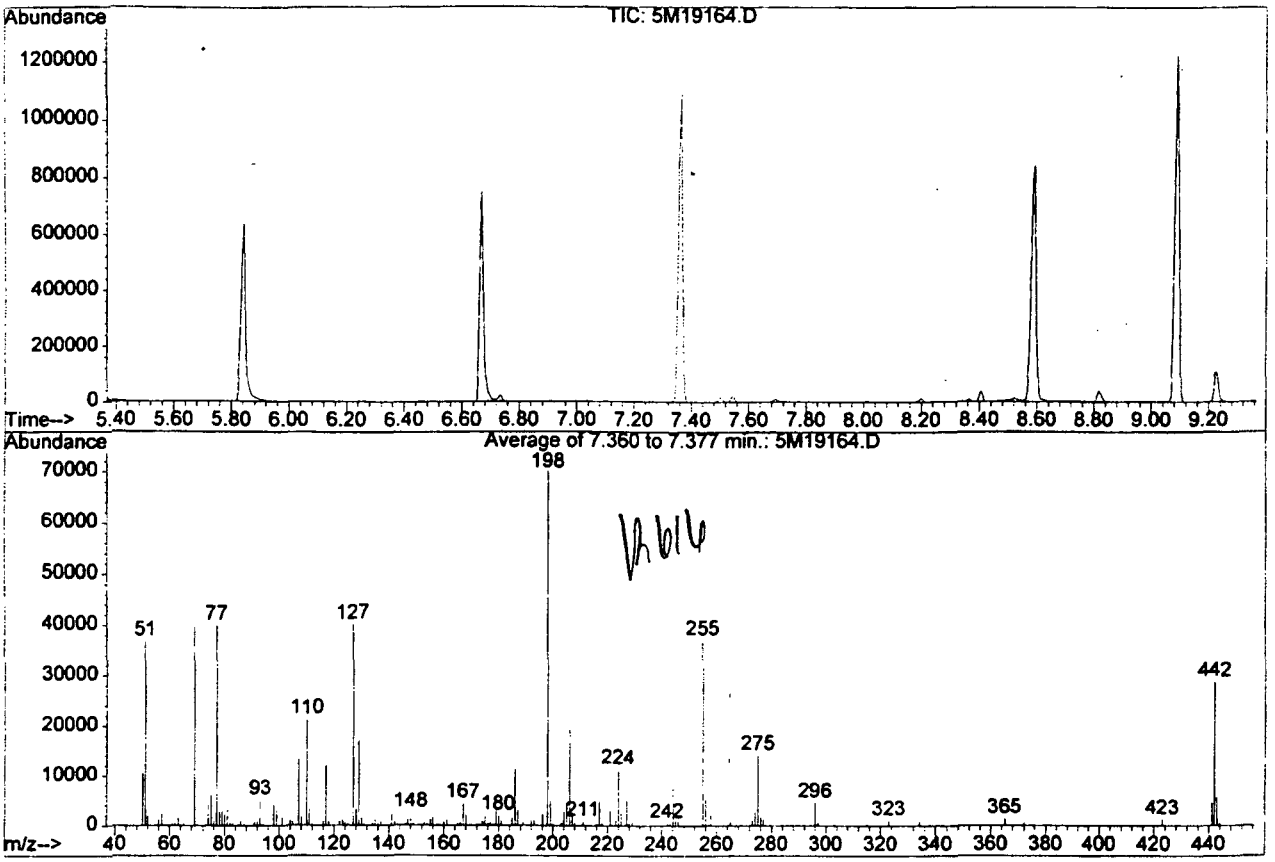
Tune Scan/Time Range: Average of 7.360 to 7.377 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	52.4	36786	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.5	39666	PASS
70	69	0.00	2	0.7	274	PASS
127	198	40	60	57.0	39993	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	70169	PASS
199	198	5	9	7.0	4906	PASS
275	198	10	30	20.0	14031	PASS
365	198	1	100	1.9	1357	PASS
441	443	0.01	100	80.0	4562	PASS
442	198	40	100	40.8	28631	PASS
443	442	17	23	19.9	5702	PASS

Data File	Sample Number	Analysis Date:
5M19165.D	CAL BNA@50PPM	05/30/06 10:59
5M19166.D	WMB2908	05/30/06 11:55
5M19167.D	WMB2908(MS)	05/30/06 12:16
5M19168.D	AC23638-007	05/30/06 12:38
5M19169.D	AC23638-007(MS)	05/30/06 12:59
5M19170.D	AC23638-007(MS	05/30/06 13:21
5M19171.D	AC23642-004	05/30/06 13:42
5M19172.D	AC23637-003(10X)	05/30/06 14:04
5M19173.D	WMB2909(MS)	05/30/06 14:25
5M19174.D	WMB2909	05/30/06 14:46
5M19175.D	SMB2901	05/30/06 15:08
5M19176.D	AC23681-001(MS)	05/30/06 15:29
5M19177.D	AC23681-001(MS	05/30/06 15:51
5M19178.D	AC23681-001	05/30/06 16:12
5M19179.D	SMB2901(MS)	05/30/06 16:34
5M19180.D	AC23704-017	05/30/06 16:55
5M19181.D	AC23704-017(MS)	05/30/06 17:17
5M19182.D	AC23704-017(MS	05/30/06 17:38
5M19183.D	AC23685-020	05/30/06 18:00
5M19184.D	AC23704-016	05/30/06 18:22
5M19185.D	AC23637-001(5X)	05/30/06 18:43
5M19186.D	AC23637-003(5X)	05/30/06 19:04
5M19187.D	AC23638-005	05/30/06 19:26
5M19188.D	AC23630-014	05/30/06 19:47
5M19189.D	AC23618-004	05/30/06 20:09
5M19190.D	AC23618-001	05/30/06 20:30
5M19191.D	AC23637-004	05/30/06 20:51
5M19192.D	AC23637-006	05/30/06 21:12
5M19193.D	AC23637-008	05/30/06 21:33
5M19194.D	AC23704-015	05/30/06 21:54
5M19195.D	AC23650-002	05/30/06 22:16
5M19196.D	AC23642-001	05/30/06 22:37
5M19197.D	AC23642-003	05/30/06 22:58
5M19198.D	AC23642-005	05/30/06 23:19
5M19199.D	AC23642-006	05/30/06 23:40
5M19200.D	AC23652-001	05/31/06 00:01
5M19201.D	AC23662-001	05/31/06 00:22
5M19202.D	AC23662-002	05/31/06 00:43
5M19203.D	AC23686-002	05/31/06 01:04
5M19204.D	AC23686-003	05/31/06 01:25
5M19205.D	AC23686-004	05/31/06 01:47
5M19206.D	AC23642-004(10X)	05/31/06 02:08
5M19207.D	AC23642-007(20X)	05/31/06 02:29

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\05-30-06\5M19164.D Vial: 1
Acq On : 30 May 2006 10:38 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.360 to 7.377 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.4	36786	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.5	39666	PASS
70	69	0.00	2	0.7	274	PASS
127	198	40	60	57.0	39993	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	70169	PASS
199	198	5	9	7.0	4906	PASS
275	198	10	30	20.0	14031	PASS
365	198	1	100	1.9	1357	PASS
441	443	0.01	100	80.0	4562	PASS
442	198	40	100	40.8	28631	PASS
443	442	17	23	19.9	5702	PASS

5M19164.D 5M_0526.M Thu Jun 01 13:48:02 2006 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 4M10687.D
Instrument: GCMS_4 **Analysis Date:** 05/30/06 12:41

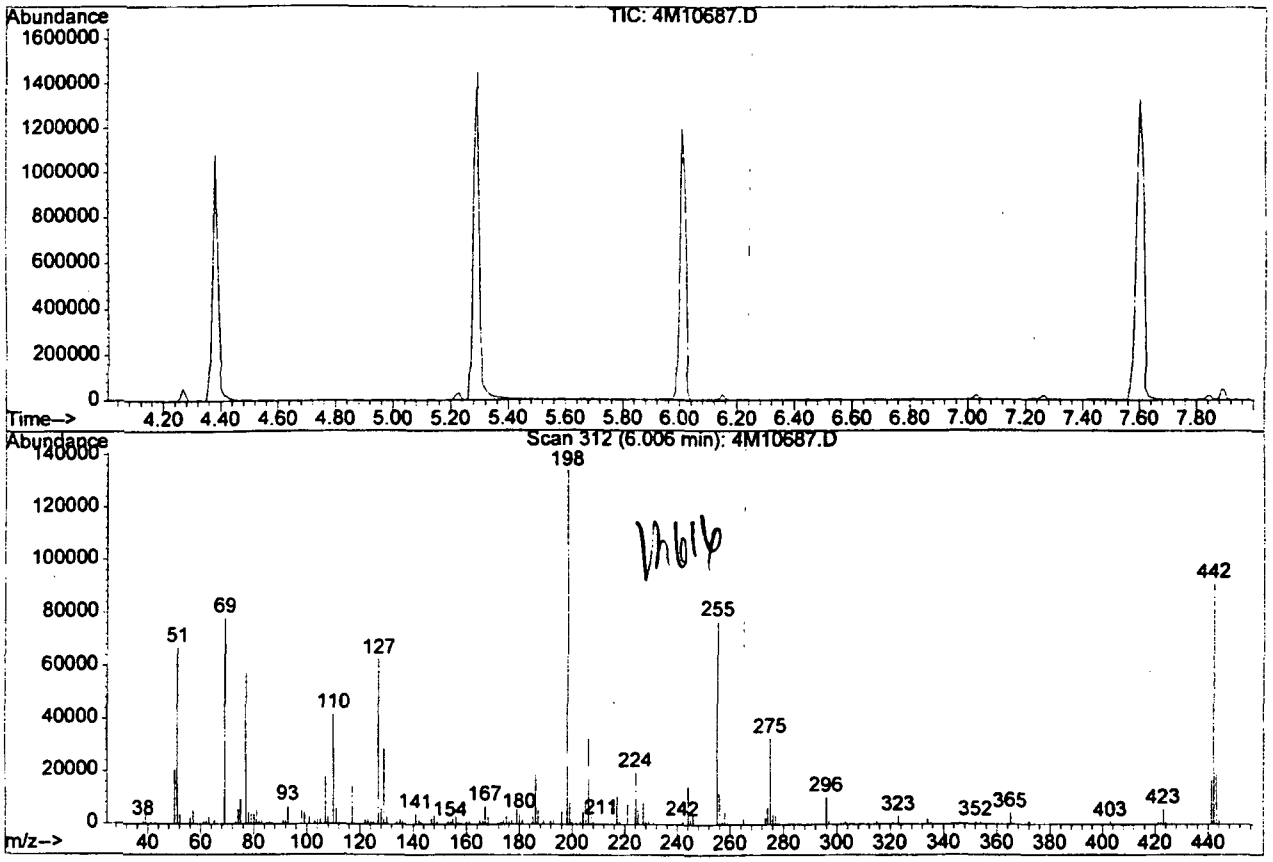
Tune Scan/Time Range: Scan 312

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	49.8	66872	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.1	77992	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.8	62824	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	134336	PASS
199	198	5	9	7.5	10138	PASS
275	198	10	30	24.6	33072	PASS
365	198	1	100	3.2	4262	PASS
441	443	0.01	100	88.7	16808	PASS
442	198	40	100	68.0	91328	PASS
443	442	17	23	20.8	18952	PASS

Data File	Sample Number	Analysis Date:
4M10688.D	CAL BNA@50PPM	05/30/06 13:08
4M10689.D	SMB2901	05/30/06 15:04
4M10690.D	AC23596-009(2X)	05/30/06 15:47
4M10691.D	AC23596-010(10X)	05/30/06 16:11
4M10692.D	AC23596-008	05/30/06 16:34
4M10693.D	AC23650-001(5X)	05/30/06 16:58
4M10694.D	AC23685-003(5X)	05/30/06 17:21
4M10695.D	AC23704-014(20X)	05/30/06 17:45
4M10696.D	AC23704-002(20X)	05/30/06 18:09
4M10697.D	AC23685-002	05/30/06 18:32
4M10698.D	AC23685-001	05/30/06 18:56
4M10699.D	AC23650-004	05/30/06 19:19
4M10700.D	AC23685-019	05/30/06 19:43

DFTPP

Data File : G:\GcMsData\2006\GCMS_4\Data\05-30-06\4M10687.D Vial: 1
Acq On : 30 May 2006 12:41 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0523.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Scan 312

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.8	66872	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.1	77992	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.8	62824	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	134336	PASS
199	198	5	9	7.5	10138	PASS
275	198	10	30	24.6	33072	PASS
365	198	1	100	3.2	4262	PASS
441	443	0.01	100	88.7	16808	PASS
442	198	40	100	68.0	91328	PASS
443	442	17	23	20.8	18952	PASS

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M10563.	CAL BNA@50PPM	05/23/06 13:38	2	4M10564.	CAL BNA@10PPM	05/23/06 14:02
3	4M10565.	CAL BNA@25PPM	05/23/06 14:26	4	4M10566.	CAL BNA@80PPM	05/23/06 14:50
5	4M10570.	CAL BNA@120PPM	05/23/06 16:24	6	4M10568.	CAL BNA@160PPM	05/23/06 15:37
7	4M10569.	CAL BNA@200PPM	05/23/06 16:00				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.4432	0.9211	1.1815	1.2232	1.4250	1.3625	1.3176	----	1.27	2.53	0.995	0.996	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.8632	----	0.8126	0.8636	0.9518	0.9143	0.9122	----	0.886	2.47	0.998	0.998	5.6	50.00		25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.2101	1.0936	1.1547	1.2211	1.1928	1.2045	1.2364	----	1.19	3.94	0.999	1.00	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8723	1.9806	2.0302	1.9478	1.8082	1.7193	1.6966	----	1.87	4.80	0.997	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3478	1.3014	1.5771	1.3010	1.2948	1.0737	1.0645	----	1.28	4.86	0.982	0.994	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.6736	1.5396	1.7036	1.6800	1.6022	1.5752	1.5392	----	1.62	4.78	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.8628	1.6171	1.9211	1.6519	1.5378	1.6259	1.3919	----	1.66	4.79	0.984	0.992	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4035	1.3436	1.4160	1.3814	1.3106	1.3393	1.2392	----	1.35	4.91	0.996	0.999	4.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.4903	1.4072	1.5027	1.3459	1.4141	1.1780	1.2995	----	1.38	5.03	0.988	0.989	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.4751	1.5379	1.5637	1.3846	1.4231	1.2035	1.2646	----	1.41	5.09	0.990	0.993	9.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4696	1.6239	1.5749	1.4032	1.2681	1.2618	----	----	1.43	5.20	0.997	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0		
Benzyl alcohol	1	0	Avg	0.9505	0.8556	0.9044	0.9713	0.8474	0.7669	0.7734	----	0.867	5.19	0.988	0.995	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	2.4868	2.8279	2.7321	2.5959	2.2523	2.3298	1.9650	----	2.46	5.29	0.979	0.993	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2274	1.1641	1.2847	1.1791	1.1885	0.9781	1.0447	----	1.15	5.27	0.986	0.990	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6832	0.7286	0.7462	0.6275	0.6069	0.5289	0.5254	----	0.635	5.47	0.990	0.997	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.0844	1.2401	1.2314	1.0465	0.9372	0.9378	1.0029	----	1.07	5.40	0.995	0.996	12**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.3090	1.2135	1.2486	1.1815	1.1283	1.1205	1.0586	----	1.18	5.40	0.996	0.999	7.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1999	0.1861	0.1971	0.1943	0.2067	0.1945	0.1907	----	0.196	5.51	0.998	0.999	3.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.3972	0.4240	0.3873	0.3843	0.3580	0.4228	0.3508	----	0.389	5.53	0.980	0.982	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.7529	0.8211	0.7888	0.7554	0.7660	0.7880	0.7527	----	0.775	5.71	0.999	0.999	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2358	0.1954	0.2249	0.2415	0.2104	0.2542	0.2029	----	0.224	5.77	0.970	0.976	9.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.3746	0.3900	0.4131	0.3697	0.3742	0.3846	0.3509	----	0.380	5.81	0.995	0.997	5.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0969	----	0.0703	0.0902	0.0862	0.0737	0.0768	----	0.0824	5.92	0.981	0.988	13	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.5068	0.5445	0.4630	0.5211	0.4611	0.4672	0.4529	----	0.488	5.89	0.997	0.998	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3963	0.3412	0.3562	0.3750	0.3560	0.3189	0.2836	----	0.347	5.97	0.973	1.00	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3687	0.4091	0.3744	0.3594	0.3581	0.3573	0.3016	----	0.361	6.03	0.981	0.993	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.2542	1.3936	1.2479	1.1926	1.0359	1.0790	0.8497	----	1.15	6.10	0.959	0.988	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.5076	0.4188	0.4779	0.4513	0.2500	0.3710	0.3862	----	0.409	6.14	0.925	0.932	21	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.2324	0.2646	0.2475	0.2321	0.2137	0.2079	0.2000	----	0.228	6.19	0.997	1.00	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3714	0.3902	0.3844	0.3747	0.3664	0.3447	0.3544	----	0.370	6.54	0.998	0.999	4.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6872	0.7818	0.7079	0.6403	0.6580	0.5758	0.5594	----	0.659	6.68	0.990	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes(Total)	1	0	Avg	0.6872	0.7818	0.7079	0.6403	0.6580	0.5758	0.5594	----	0.659	6.68	0.990	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.6651	0.6777	0.7100	0.6631	0.5889	0.6073	0.4815	----	0.628	6.84	0.962	0.989	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.3594	0.2585	0.3165	0.3617	0.3393	0.3302	0.3242	----	0.327	6.83	0.997	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.4522	0.5191	0.4948	0.4816	0.4464	0.4601	0.4097	----	0.466	6.94	0.996	0.996	7.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.5119	0.4843	0.5188	0.4689	0.4770	0.3990	0.4129	----	0.468	6.97	0.987	0.993	9.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2990	1.3607	1.3345	1.2850	1.2148	1.1474	1.1424	----	1.25	7.02	0.996	0.999	7.0	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.0998	1.2769	1.1843	1.0715	1.1165	0.9197	0.9680	----	1.09	7.13	0.988	0.991	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.5192	0.5711	0.5479	0.5317	0.5325	0.5030	0.5060	----	0.530	7.24	0.999	0.999	4.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8138	0.9143	0.8351	0.8232	0.7154	0.7076	0.6619	----	0.782	7.46	0.992	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes(Tot	1	0	Avg	0.8138	0.9143	0.8351	0.8232	0.7154	0.7076	0.6619	----	0.782	7.46	0.992	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7406	0.8181	0.7707	0.7375	0.6680	0.6654	0.5516	----	0.707	7.22	0.973	0.994	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.1
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

T900

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M10563.	CAL BNA@50PPM	05/23/06 13:38	2	4M10564.	CAL BNA@10PPM	05/23/06 14:02
3	4M10565.	CAL BNA@25PPM	05/23/06 14:26	4	4M10566.	CAL BNA@80PPM	05/23/06 14:50
5	4M10570.	CAL BNA@120PPM	05/23/06 16:24	6	4M10568.	CAL BNA@160PPM	05/23/06 15:37
7	4M10569.	CAL BNA@200PPM	05/23/06 16:00				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Acenaphthylene	1	0	Avg	2.2311	2.6750	2.4924	2.1661	2.1383	1.8931	1.6944	-----	2.18	7.54	0.979	0.998	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.4927	1.6880	1.5088	1.4500	1.3337	1.3105	1.2746	-----	1.44	7.42	0.998	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3723	0.3746	0.3476	0.3878	0.3597	0.3198	0.3391	-----	0.357	7.48	0.992	0.994	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.4162	1.7261	1.5719	1.3418	1.3148	1.2476	1.1442	-----	1.39	7.72	0.993	0.999	14*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3724	0.3709	0.4097	0.3148	0.2280	0.2746	0.2813	-----	0.322	7.65	0.971	0.973	20	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1924	----	0.1357	0.2178	0.2208	0.2344	0.2317	-----	0.206	7.76	0.999	0.999	18**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6694	1.8925	1.6654	1.6245	1.4366	1.2898	1.2715	-----	1.55	7.90	0.988	0.997	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4937	0.5308	0.5207	0.4507	0.4197	0.3764	0.4118	-----	0.458	7.89	0.991	0.992	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3077	0.3000	0.3172	0.3293	0.3517	0.3391	0.3207	-----	0.324	7.82	0.998	0.998	5.5**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.6062	1.8652	1.6906	1.5223	1.2958	1.1782	1.0731	-----	1.46	8.27	0.975	0.999	20	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6455	0.7589	0.6968	0.5707	0.5106	----	----	----	0.637	8.27	0.988	1.00	15	50.00	10.00	25.00	80.00	120.0			
Diethylphthalate	1	0	Avg	1.5691	1.7929	1.6062	1.5259	1.4470	1.2817	1.3497	-----	1.51	8.15	0.993	0.995	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.4653	0.4459	0.4496	0.4094	0.4086	0.3951	0.3840	-----	0.423	8.30	0.998	0.999	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1554	----	0.1303	0.1550	0.1493	0.1662	0.1714	-----	0.155	8.33	0.996	0.998	9.3	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5289	0.5764	0.5726	0.5180	0.4926	0.4557	0.4607	-----	0.515	8.39	0.997	0.999	9.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.1963	0.1736	0.2017	0.1954	0.1879	0.1816	0.1729	-----	0.187	8.53	0.996	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	0.7993	0.8613	0.8536	0.7483	0.8118	0.8144	0.7539	-----	0.806	8.44	0.996	0.996	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2627	0.2550	0.2762	0.2442	0.2332	0.2431	0.2224	-----	0.248	8.81	0.995	0.997	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.3512	0.3728	0.3579	0.3387	0.3376	0.3368	0.3277	-----	0.346	8.86	1.00	1.00	4.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.2154	----	0.1860	0.2158	0.2136	0.2201	0.2107	-----	0.210	9.09	0.998	0.999	5.8*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.3984	1.5175	1.4589	1.3398	1.2344	1.1689	1.0436	-----	1.31	9.34	0.984	1.00	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.4064	1.6667	1.5439	1.3474	1.2037	1.1490	----	----	1.39	9.39	0.994	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0		
Carbazole	1	0	Avg	1.0555	1.1708	1.1262	0.9951	1.0138	0.8818	0.8382	-----	1.01	9.59	0.987	0.998	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.5265	1.6850	1.5670	1.4006	1.3138	1.3143	1.1129	-----	1.42	10.03	0.980	0.995	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	1.5197	1.7195	1.6371	1.4155	1.4312	1.3716	1.2514	-----	1.48	10.73	0.993	0.998	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.7108	1.8137	1.8299	1.7938	1.7006	1.6829	2.0392	-----	1.80	11.00	0.980	0.991	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.4327	0.5518	0.5271	0.4178	0.4402	0.4060	0.5088	-----	0.469	10.91	0.973	0.987	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	0.9782	1.0086	0.9708	1.0000	0.9918	0.9854	1.2843	-----	1.03	11.21	0.963	0.986	11	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	0.7221	0.7442	0.7455	0.7693	0.7655	0.7726	0.8820	-----	0.772	11.86	0.990	0.997	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.4603	0.4643	0.5158	0.4250	0.3074	0.3388	0.4092	-----	0.417	12.52	0.956	0.967	18	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.5502	1.7365	1.6502	1.5765	1.5364	1.4470	1.5932	-----	1.58	12.53	0.995	0.996	5.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.4304	1.5663	1.5166	1.5069	1.4312	1.2336	1.3637	-----	1.44	12.58	0.990	0.990	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.0158	1.0996	1.0722	1.0591	1.0689	0.9778	1.1834	-----	1.07	12.64	0.983	0.989	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.6191	2.3296	2.3731	2.9497	3.0006	3.0695	3.5074	-----	2.84	13.51	0.990	0.997	15*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2437	2.0500	2.0846	2.3850	2.3995	2.1988	2.4653	-----	2.26	13.94	0.994	0.994	7.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	1.8872	2.2156	1.9787	1.8150	1.6564	1.8902	1.5874	-----	1.86	13.98	0.983	0.986	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.8019	1.9100	1.8231	1.7751	1.7537	1.7534	1.7682	-----	1.80	14.35	1.00	1.00	3.1*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.3646	1.7120	1.5712	1.3205	1.2877	1.3052	1.2399	-----	1.40	15.67	0.999	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.1493	1.3925	1.3174	1.1237	1.0977	1.1042	1.0588	-----	1.18	15.69	0.999	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.0394	1.3129	1.2194	1.0143	0.9767	1.0373	0.9741	-----	1.08	15.97	0.997	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.1

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0052

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19121.	CAL BNA@50PPM	05/26/06 12:01	2	5M19122.	CAL BNA@10PPM	05/26/06 12:24
3	5M19123.	CAL BNA@25PPM	05/26/06 12:45	4	5M19124.	CAL BNA@80PPM	05/26/06 13:06
5	5M19125.	CAL BNA@120PPM	05/26/06 13:28	6	5M19126.	CAL BNA@160PPM	05/26/06 13:49
7	5M19127.	CAL BNA@200PPM	05/26/06 14:10				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.7292	1.2347	1.4014	1.6353	1.6915	1.7896	1.7491	----	1.60	1.56	0.999	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9641	----	0.8453	0.8793	1.0199	1.0400	1.0559	----	0.967	1.52	0.997	0.998	9.1	50.00		25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1929	1.0182	1.1667	1.3100	1.3506	1.3525	1.4342	----	1.26	3.31	0.998	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.6039	2.0868	1.9952	1.9978	2.0669	2.1890	2.3028	----	2.03	4.47	0.993	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5013	0.5068	0.5197	0.5463	0.5903	0.6011	0.5947	----	0.552	4.49	0.998	0.999	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3253	1.4748	1.3407	1.3595	1.4037	1.4013	1.4278	----	1.39	4.55	0.999	1.00	3.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7440	1.6781	1.7790	1.9448	2.0875	2.0804	2.1099	----	1.92	4.49	0.999	0.999	9.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.8459	1.8319	1.8711	1.9962	2.0923	1.9820	2.0896	----	1.96	4.50	0.998	0.998	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4003	1.4245	1.3635	1.4645	1.5540	1.5521	1.5634	----	1.47	4.57	0.999	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.4085	1.4299	1.5165	1.4965	1.5651	1.5863	1.5808	----	1.51	4.71	0.999	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.4471	1.5111	1.4663	1.5434	1.6030	1.6240	1.5791	----	1.54	4.78	0.999	0.999	4.4*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4103	1.5407	1.4333	1.5067	1.5470	1.5592	1.5582	----	1.51	4.91	1.00	1.00	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9096	0.8572	0.9128	1.0029	1.0419	0.9963	1.0400	----	0.966	4.93	0.999	0.999	7.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.6823	1.7956	1.7300	1.7920	1.9098	1.9313	1.9751	----	1.83	5.05	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2418	1.2896	1.2792	1.3616	1.4640	1.5196	1.6071	----	1.39	5.04	0.996	1.00	9.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6883	0.7553	0.7149	0.7065	0.7312	0.7476	0.7390	----	0.726	5.20	0.999	1.00	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.1823	1.2017	1.2869	1.2725	1.3672	1.2979	1.3392	----	1.28	5.16	0.998	0.998	5.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.3470	1.3188	1.3838	1.4430	1.5376	1.5277	1.6288	----	1.46	5.18	0.997	0.999	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1566	0.1502	0.1538	0.1608	0.1631	0.1692	0.1636	----	0.160	5.26	0.999	0.999	4.1	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4801	0.4576	0.4753	0.4958	0.4900	0.4829	0.4865	----	0.481	5.28	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.7683	0.7884	0.7643	0.8030	0.8252	0.8283	0.8345	----	0.802	5.48	1.00	1.00	3.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1874	0.1866	0.1829	0.2043	0.2010	0.2123	0.2170	----	0.199	5.54	0.998	1.00	6.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4045	0.4088	0.3857	0.4336	0.4323	0.4361	0.4520	----	0.422	5.60	0.999	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1362	0.0923	0.1111	0.0944	0.0968	0.0759	0.0827	----	0.0985	5.72	0.958	0.968	20	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4034	0.3975	0.3961	0.4176	0.4171	0.4385	0.4391	----	0.416	5.67	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.2904	0.2749	0.2807	0.3051	0.3008	0.3196	0.3289	----	0.300	5.74	0.998	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3195	0.3187	0.3059	0.3297	0.3235	0.3448	0.3408	----	0.326	5.79	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.3518	1.4202	1.2972	1.4471	1.4620	1.5956	1.6152	----	1.46	5.84	0.997	0.999	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.3944	0.4006	0.4249	0.4163	0.3837	0.3416	0.4238	----	0.398	5.90	0.977	0.981	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1855	0.2059	0.1946	0.1908	0.1947	0.2047	0.2016	----	0.197	5.95	0.999	0.999	3.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3652	0.3644	0.3684	0.3826	0.3999	0.4051	0.4228	----	0.387	6.29	0.998	1.00	6.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7075	0.6940	0.6868	0.7393	0.7676	0.8334	0.8602	----	0.756	6.37	0.996	1.00	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7075	0.6940	0.6868	0.7393	0.7676	0.8334	0.8602	----	0.756	6.37	0.996	1.00	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5539	0.4967	0.5414	0.5576	0.5698	0.5926	0.5805	----	0.556	6.49	0.999	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1825	----	0.1565	0.2273	0.2377	0.2869	0.2656	----	0.226	6.48	0.990	0.990	22**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3666	0.3264	0.3485	0.3815	0.3774	0.4089	0.3979	----	0.373	6.58	0.998	0.999	7.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3916	0.3543	0.3691	0.3958	0.4116	0.4308	0.4244	----	0.397	6.61	0.999	0.999	7.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2375	1.1201	1.1873	1.2746	1.2899	1.3434	1.2564	----	1.24	6.64	0.999	0.998	5.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1279	1.0107	1.0644	1.1710	1.1596	1.2518	1.2362	----	1.15	6.72	0.998	0.999	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9323	0.8600	0.8952	0.9342	0.9498	1.0324	1.0136	----	0.945	6.97	0.998	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9323	0.8600	0.8952	0.9342	0.9498	1.0324	1.0136	----	0.945	6.97	0.998	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7518	0.6581	0.7104	0.7726	0.7783	0.8553	0.8382	----	0.766	6.79	0.998	0.998	9.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.62

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19121.	CAL BNA@50PPM	05/26/06 12:01	2	5M19122.	CAL BNA@10PPM	05/26/06 12:24
3	5M19123.	CAL BNA@25PPM	05/26/06 12:45	4	5M19124.	CAL BNA@80PPM	05/26/06 13:06
5	5M19125.	CAL BNA@120PPM	05/26/06 13:28	6	5M19126.	CAL BNA@160PPM	05/26/06 13:49
7	5M19127.	CAL BNA@200PPM	05/26/06 14:10				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.6834	0.4898	0.6436	0.5197	0.5101	0.5280	0.5229	----	0.557	6.81	0.993	0.993	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.5508	2.4340	2.3851	2.6373	2.6996	2.8922	2.9214	----	2.65	7.03	0.998	1.00	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3913	1.2712	1.3462	1.4119	1.4221	1.4653	1.5041	----	1.40	6.94	0.999	1.00	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2979	0.2750	0.2784	0.3059	0.3061	0.3119	0.3126	----	0.298	6.99	1.00	1.00	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5462	1.4567	1.4559	1.6046	1.6360	1.7821	1.7913	----	1.61	7.16	0.997	0.999	8.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3429	0.2824	0.3404	0.3303	0.3080	0.2825	0.3408	----	0.318	7.12	0.982	0.985	8.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1458	----	0.0934	0.1549	0.1658	0.1735	0.1942	----	0.155	7.22	0.993	0.998	22**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6462	1.5517	1.5562	1.6803	1.6977	1.7975	1.7858	----	1.67	7.30	0.999	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4284	0.4212	0.4109	0.4275	0.4361	0.4250	0.4451	----	0.428	7.31	0.999	0.999	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3885	0.2895	0.3341	0.3704	0.3780	0.3987	0.3823	----	0.363	7.28	0.999	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2652	0.2148	0.2257	0.2703	0.2845	0.3046	0.3131	----	0.268	7.40	0.997	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8158	1.7071	1.7389	1.9748	2.0336	2.2059	2.2569	----	1.96	7.58	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6446	0.6112	0.6217	0.6852	0.7023	0.7553	0.7706	----	0.684	7.59	0.997	1.00	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5724	1.5590	1.4567	1.5744	1.6124	1.6445	1.6749	----	1.58	7.51	0.999	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3412	0.3321	0.3283	0.3468	0.3556	0.3291	0.3639	----	0.342	7.62	0.995	0.996	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1496	----	0.1134	0.1366	0.1438	0.1496	0.1575	----	0.142	7.65	0.995	0.998	11	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5722	0.5488	0.5354	0.5488	0.5608	0.6119	0.5941	----	0.567	7.69	0.997	0.998	4.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0674	0.0541	0.0652	0.0667	0.0666	0.0730	0.0711	----	0.0663	7.79	0.998	0.998	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0140	1.0160	0.9800	0.9743	0.9977	1.0534	1.0144	----	1.01	7.72	0.999	0.999	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.1988	0.1905	0.1966	0.2034	0.2048	0.2147	0.2143	----	0.203	8.02	0.999	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1825	0.1764	0.1801	0.1816	0.1863	0.1975	0.1926	----	0.185	8.07	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1637	0.1849	0.1516	0.1614	0.1624	0.1672	0.1668	----	0.165	8.31	0.999	1.00	6.1	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.0560	----	----	0.0702	0.0742	0.0988	0.1101	----	0.0819	8.27	0.974	0.996	27*(30)	50.00			80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5854	1.5067	1.5380	1.6425	1.6511	1.7990	1.8135	----	1.65	8.46	0.997	0.999	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6202	1.5048	1.4849	1.6105	1.6614	1.7544	1.8131	----	1.64	8.51	0.998	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1309	1.0248	1.0361	1.0799	1.1077	1.1726	1.2004	----	1.11	8.69	0.998	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1855	0.1148	0.1565	0.1697	0.1595	0.1810	0.1755	----	0.163	8.94	0.995	0.995	15	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5383	1.4367	1.4758	1.5637	1.5792	1.6558	1.6929	----	1.56	9.09	0.999	1.00	5.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1551	0.1458	0.1424	0.1573	0.1654	0.1647	0.1613	----	0.156	9.61	0.999	0.999	5.8	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8067	1.6991	1.6188	1.8075	1.8534	1.9190	2.0430	----	1.82	9.71	0.997	1.00	7.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.6913	1.6950	1.7848	1.8416	1.7772	1.9101	1.7741	----	1.78	9.96	0.996	0.997	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.3665	----	0.4165	0.3312	0.3512	0.3078	0.2752	----	0.341	9.90	0.975	0.993	14	50.00		25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	0.8048	0.8410	0.8477	0.8624	0.8192	0.8551	0.7953	----	0.832	10.18	0.997	0.998	3.1	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0992	0.1073	0.0942	0.1024	0.0909	0.0987	0.0923	----	0.0979	10.39	0.996	0.996	6.0	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.6922	0.6477	0.6907	0.7251	0.7051	0.7425	0.7089	----	0.702	10.79	0.999	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.6593	1.5066	1.6083	1.7551	1.7180	1.7849	1.7316	----	1.68	11.35	0.999	0.999	5.8	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4760	0.4475	0.4732	0.4488	0.3750	0.3909	0.4208	----	0.433	11.36	0.990	0.991	9.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.7341	1.7288	1.7415	1.8398	1.8063	1.8764	1.8113	----	1.79	11.36	0.999	0.999	3.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.5841	1.6290	1.5135	1.6364	1.5959	1.6270	1.5242	----	1.59	11.39	0.997	0.999	3.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9558	1.0003	0.9434	0.9933	0.9462	1.0210	0.9500	----	0.973	11.51	0.997	0.997	3.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3425	2.0998	2.3159	2.5099	2.5111	2.8680	2.8967	----	2.51	12.25	0.993	0.998	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2783	1.9710	2.2273	2.3727	2.2959	2.5931	2.6391	----	2.34	12.55	0.995	0.998	9.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.62
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0054

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19121.	CAL BNA@50PPM	05/26/06 12:01	2	5M19122.	CAL BNA@10PPM	05/26/06 12:24
3	5M19123.	CAL BNA@25PPM	05/26/06 12:45	4	5M19124.	CAL BNA@80PPM	05/26/06 13:06
5	5M19125.	CAL BNA@120PPM	05/26/06 13:28	6	5M19126.	CAL BNA@160PPM	05/26/06 13:49
7	5M19127.	CAL BNA@200PPM	05/26/06 14:10				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.0689	1.9944	2.0103	2.2510	2.3305	2.2825	2.3247	----	2.18	12.59	0.999	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0359	1.9189	2.0023	2.2127	2.2125	2.2953	2.3518	----	2.15	12.89	0.999	1.00	7.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.2021	1.8776	2.0305	2.2712	2.2590	2.2719	2.4733	----	2.20	13.94	0.996	0.998	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.8132	1.6440	1.7405	1.8760	1.8829	1.8990	2.0677	----	1.85	13.96	0.996	0.999	7.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8837	1.6777	1.7576	1.9117	1.8906	1.7983	2.0091	----	1.85	14.17	0.994	0.996	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.62

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0055

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M10636.D **Instrument:** GCMS_4

Cont Calibration Date/Time 5/25/2006 2:44:00 P **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.04	40.00	40				0.000	0.00	
Pyridine	1	0		2.49	61.85	50			1.268	1.568	23.70	
N-Nitrosodimethylamine	1	0		2.44	50.86	50			0.886	0.902	1.72	
2-Fluorophenol	1	0	S	3.92	52.40	50			1.188	1.245	4.80	
Aniline	1	0		4.79	52.41	50			1.865	1.955	4.82	
bis(2-Chloroethyl)ether	1	0		4.84	50.41	50			1.280	1.291	0.82	
Phenol-d5	1	0	S	4.76	51.35	50			1.616	1.660	2.70	
Phenol	1	0	CC	4.78	53.07	50	20		1.658	1.760	6.14	
2-Chlorophenol	1	0		4.88	54.64	50			1.348	1.473	9.28	
1,3-Dichlorobenzene	1	0		5.00	58.55	50			1.377	1.612	17.10	
1,4-Dichlorobenzene	1	0	CC	5.06	57.31	50	20		1.408	1.613	14.62	
1,2-Dichlorobenzene	1	0		5.18	50.63	50			1.434	1.452	1.26	
Benzyl alcohol	1	0		5.17	51.56	50			0.867	0.894	3.12	
bis(2-chloroisopropyl)ether	1	0		5.27	48.47	50			2.456	2.381	3.06	
2-Methylphenol	1	0		5.26	49.23	50			1.152	1.135	1.54	
Hexachloroethane	1	0		5.44	56.76	50			0.635	0.721	13.52	
N-Nitroso-di-n-propylamine	1	0	CP	5.37	47.27	50	0.05		1.069	1.010	5.46	
3&4-Methylphenol	1	0		5.37	46.06	50			1.180	1.087	7.88	
Naphthalene-d8	1	0	I	6.06	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.48	24.13	25			0.196	0.189	3.48	
Nitrobenzene	1	0		5.50	53.91	50			0.389	0.420	7.82	
Isophorone	1	0		5.69	47.58	50			0.775	0.738	4.84	
2-Nitrophenol	1	0	CC	5.75	53.62	50	20		0.224	0.240	7.24	
2,4-Dimethylphenol	1	0		5.79	51.95	50			0.380	0.394	3.90	
Benzoic Acid	1	0		5.89	49.01	50			0.082	0.081	1.98	
bis(2-Chloroethoxy)methane	1	0		5.86	50.60	50			0.488	0.494	1.20	
2,4-Dichlorophenol	1	0	CC	5.94	50.01	50	20		0.347	0.347	0.02	
1,2,4-Trichlorobenzene	1	0		6.00	51.09	50			0.361	0.369	2.18	
Naphthalene	1	0		6.08	55.34	50			1.150	1.273	10.68	
4-Chloroaniline	1	0		6.12	54.50	50			0.409	0.446	9.00	
Hexachlorobutadiene	1	0	CC	6.17	54.36	50	20		0.228	0.248	8.72	
4-Chloro-3-methylphenol	1	0	CC	6.53	49.00	50	20		0.370	0.362	2.00	
2-Methylnaphthalene	1	0		6.66	49.67	50			0.659	0.654	0.66	
Methylnaphthalenes	1	0		6.66	49.67							
Acenaphthene-d10	1	0	I	7.65	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.81	55.62	50			0.628	0.698	11.24	
Hexachlorocyclopentadiene	1	0	CP	6.80	48.38	50	0.05		0.327	0.317	3.24	
2,4,6-Trichlorophenol	1	0	CC	6.91	48.80	50	20		0.466	0.455	2.40	
2,4,5-Trichlorophenol	1	0		6.96	55.41	50			0.468	0.518	10.82	
2-Fluorobiphenyl	1	0	S	7.00	26.91	25			1.255	1.351	7.64	
2-Chloronaphthalene	1	0		7.11	52.21	50			1.091	1.139	4.42	
2-Nitroaniline	1	0		7.21	52.63	50			0.530	0.558	5.26	
1,4-Dimethylnaphthalene	1	0		7.44	52.69	50			0.782	0.824	5.38	
Dimethylnaphthalenes	1	0		7.44	52.69							
Diphenyl Ether	1	0		7.19	55.39	50			0.707	0.784	10.78	
Acenaphthylene	1	0		7.52	55.04	50			2.184	2.405	10.08	
Dimethylphthalate	1	0		7.38	47.88	50			1.437	1.376	4.24	
2,6-Dinitrotoluene	1	0		7.45	46.46	50			0.357	0.332	7.08	
Acenaphthene	1	0	CC	7.69	55.10	50	20		1.395	1.537	10.20	
3-Nitroaniline	1	0		7.62	58.07	50			0.322	0.374	16.14	
2,4-Dinitrophenol	1	0	CP	7.73	37.82	50	0.05		0.206	0.155	24.36	
Dibenzofuran	1	0		7.87	49.24	50			1.550	1.526	1.52	
2,4-Dinitrotoluene	1	0		7.87	53.10	50			0.458	0.486	6.20	
4-Nitrophenol	1	0	CP	7.79	45.83	50	0.05		0.324	0.297	8.34	
Fluorene	1	0		8.23	51.62	50			1.462	1.509	3.24	
4-Chlorophenyl-phenylether	1	0		8.23	47.67	50			0.637	0.607	4.66	
Diethylphthalate	1	0		8.12	52.15	50			1.510	1.575	4.30	
4-Nitroaniline	1	0		8.26	46.73	50			0.423	0.395	6.54	
Phenanthrene-d10	1	0	I	9.28	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.30	42.28	50			0.155	0.131	15.44	
n-Nitrosodiphenylamine	1	0	CC	8.37	49.46	50	20		0.515	0.509	1.08	
2,4,6-Tribromophenol	1	0	S	8.50	48.22	50			0.187	0.180	3.56	
1,2-Diphenylhydrazine	1	0		8.41	55.00	50			0.806	0.887	10.00	
4-Bromophenyl-phenylether	1	0		8.78	49.33	50			0.248	0.245	1.34	
Hexachlorobenzene	1	0		8.84	50.74	50			0.346	0.351	1.48	
Pentachlorophenol	1	0	CC	9.06	42.48	50	20		0.210	0.179	15.04	
Phenanthrene	1	0		9.31	51.74	50			1.309	1.354	3.48	
Anthracene	1	0		9.37	49.41	50			1.386	1.370	1.18	
Carbazole	1	0		9.55	49.45	50			1.012	1.001	1.10	
Di-n-butylphthalate	1	0		9.99	52.24	50			1.417	1.481	4.48	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M10636.D **Instrument:** GCMS_4

Cont Calibration Date/Time 5/25/2006 2:44:00 P **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.70	48.72	50	20		1.478	1.440	2.56	
Chrysene-d12	1	0	I	12.52	40.00	40				0.000	0.00	
Pyrene	1	0		10.96	50.83	50			1.796	1.826	1.66	
Benzidine	1	0		10.88	43.88	50			0.469	0.412	12.24	
Terphenyl-d14	1	0	S	11.18	23.17	25			1.031	0.956	7.32	
Butylbenzylphthalate	1	0		11.82	50.06	50			0.772	0.773	0.12	
3,3'-Dichlorobenzidine	1	0		12.49	58.46	50			0.417	0.488	16.92	
Benzo[a]anthracene	1	0		12.50	50.26	50			1.584	1.592	0.52	
Chrysene	1	0		12.55	50.29	50			1.436	1.444	0.58	
bis(2-Ethylhexyl)phthalate	1	0		12.60	50.15	50			1.068	1.071	0.30	
Perylene-d12	1	0	I	14.38	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.48	49.37	50	20		2.836	2.800	1.26	
Benzo[b]fluoranthene	1	0		13.91	45.83	50			2.261	2.072	8.34	
Benzo[k]fluoranthene	1	0		13.95	46.06	50			1.862	1.715	7.88	
Benzo[a]pyrene	1	0	CC	14.32	49.22	50	20		1.798	1.770	1.56	
Indeno[1,2,3-cd]pyrene	1	0		15.64	60.19	50			1.400	1.686	20.38	
Dibenzo[a,h]anthracene	1	0		15.66	58.60	50			1.178	1.380	17.20	
Benzo[g,h,i]perylene	1	0		15.93	62.45	50			1.082	1.352	24.90	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19165.D **Instrument:** GCMS_5

Cont Calibration Date/Time 5/30/2006 10:59:00 **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.74	40.00	40				0.000	0.00	
Pyridine	1	0		1.52	49.96	50			1.604	1.603	0.08	
N-Nitrosodimethylamine	1	0		1.48	46.20	50			0.967	0.894	7.60	
2-Fluorophenol	1	0	S	3.25	47.27	50			1.261	1.192	5.46	
Aniline	1	0		4.43	44.23	50			2.035	1.800	11.54	
Pentachloroethane	1	0		4.45	49.66	50			0.552	0.548	0.68	
bis(2-Chloroethyl)ether	1	0		4.52	48.53	50			1.390	1.350	2.94	
Phenol-d5	1	0	S	4.45	48.54	50			1.918	1.862	2.92	
Phenol	1	0	CC	4.47	49.75	50	20		1.958	1.949	0.50	
2-Chlorophenol	1	0		4.54	50.60	50			1.475	1.492	1.20	
1,3-Dichlorobenzene	1	0		4.67	50.47	50			1.512	1.526	0.94	
1,4-Dichlorobenzene	1	0	CC	4.75	50.65	50	20		1.539	1.559	1.30	
1,2-Dichlorobenzene	1	0		4.88	49.94	50			1.508	1.506	0.12	
Benzyl alcohol	1	0		4.90	47.72	50			0.966	0.922	4.56	
bis(2-chloroisopropyl)ether	1	0		5.02	49.01	50			1.831	1.795	1.98	
2-Methylphenol	1	0		5.02	47.22	50			1.395	1.317	5.56	
Hexachloroethane	1	0		5.17	50.17	50			0.726	0.729	0.34	
N-Nitroso-di-n-propylamine	1	0	CP	5.13	49.63	50	0.05		1.278	1.269	0.74	
3&4-Methylphenol	1	0		5.15	47.61	50			1.455	1.386	4.78	
Naphthalene-d8	1	0	I	5.80	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.23	23.81	25			0.160	0.152	4.76	
Nitrobenzene	1	0		5.25	47.49	50			0.481	0.457	5.02	
Isophorone	1	0		5.45	45.85	50			0.802	0.735	8.30	
2-Nitrophenol	1	0	CC	5.51	47.85	50	20		0.199	0.190	4.30	
2,4-Dimethylphenol	1	0		5.58	46.72	50			0.422	0.394	6.56	
Benzoic Acid	1	0		5.70	50.31	50			0.099	0.099	0.62	
bis(2-Chloroethoxy)methane	1	0		5.65	47.29	50			0.416	0.393	5.42	
2,4-Dichlorophenol	1	0	CC	5.71	45.60	50	20		0.300	0.274	8.80	
1,2,4-Trichlorobenzene	1	0		5.76	48.91	50			0.326	0.319	2.18	
Naphthalene	1	0		5.81	47.03	50			1.456	1.369	5.94	
4-Chloroaniline	1	0		5.88	50.25	50			0.398	0.400	0.50	
Hexachlorobutadiene	1	0	CC	5.92	50.15	50	20		0.197	0.197	0.30	
4-Chloro-3-methylphenol	1	0	CC	6.26	44.72	50	20		0.387	0.346	10.56	
2-Methylnaphthalene	1	0		6.34	46.59	50			0.756	0.704	6.82	
Methylnaphthalenes	1	0		6.34	46.59							
Acenaphthene-d10	1	0	I	7.10	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.46	51.45	50			0.556	0.572	2.90	
Hexachlorocyclopentadiene	1	0	CP	6.45	46.03	50	0.05		0.226	0.208	7.94	
2,4,6-Trichlorophenol	1	0	CC	6.55	51.12	50	20		0.373	0.381	2.24	
2,4,5-Trichlorophenol	1	0		6.59	50.41	50			0.397	0.400	0.82	
2-Fluorobiphenyl	1	0	S	6.61	25.50	25			1.244	1.269	2.00	
2-Chloronaphthalene	1	0		6.69	51.12	50			1.146	1.172	2.24	
1,4-Dimethylnaphthalene	1	0		6.93	48.37	50			0.945	0.915	3.26	
Dimethylnaphthalenes	1	0		6.93	48.37							
Diphenyl Ether	1	0		6.76	50.14	50			0.766	0.769	0.28	
2-Nitroaniline	1	0		6.78	46.09	50			0.557	0.513	7.82	
Acenaphthylene	1	0		6.99	48.12	50			2.646	2.546	3.76	
Dimethylphthalate	1	0		6.92	49.00	50			1.402	1.374	2.00	
2,6-Dinitrotoluene	1	0		6.97	47.58	50			0.298	0.284	4.84	
Acenaphthene	1	0	CC	7.13	48.84	50	20		1.610	1.573	2.32	
3-Nitroaniline	1	0		7.09	53.77	50			0.318	0.342	7.54	
2,4-Dinitrophenol	1	0	CP	7.18	44.13	50	0.05		0.155	0.136	11.74	
Dibenzofuran	1	0		7.27	49.83	50			1.674	1.668	0.34	
2,4-Dinitrotoluene	1	0		7.28	47.47	50			0.428	0.406	5.06	
4-Nitrophenol	1	0	CP	7.25	50.86	50	0.05		0.363	0.369	1.72	
2,3,4,6-Tetrachlorophenol	1	0		7.37	48.86	50			0.268	0.262	2.28	
Fluorene	1	0		7.55	46.24	50			1.962	1.814	7.52	
4-Chlorophenyl-phenylether	1	0		7.55	47.69	50			0.684	0.653	4.62	
Diethylphthalate	1	0		7.48	47.91	50			1.585	1.519	4.18	
4-Nitroaniline	1	0		7.59	46.64	50			0.342	0.319	6.72	
Phenanthrene-d10	1	0	I	8.40	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.62	47.48	50			0.142	0.135	5.04	
n-Nitrosodiphenylamine	1	0	CC	7.66	49.89	50	20		0.567	0.566	0.22	
2,4,6-Tribromophenol	1	0	S	7.76	51.16	50			0.066	0.068	2.32	
1,2-Diphenylhydrazine	1	0		7.69	51.68	50			1.007	1.041	3.36	
4-Bromophenyl-phenylether	1	0		7.99	50.78	50			0.203	0.207	1.56	
Hexachlorobenzene	1	0		8.03	51.13	50			0.185	0.190	2.26	
gamma-BHC	1	0		8.27	9.58	10			0.165	0.159	4.20	
Pentachlorophenol	1	0	CC	8.23	41.58	50	20		0.082	0.068	16.84	
Phenanthrene	1	0		8.42	48.34	50			1.648	1.593	3.32	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19165.D **Instrument:** GCMS_5

Cont Calibration Date/Time 5/30/2006 10:59:00 **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.47	48.19	50			1.636	1.576	3.62	
Carbazole	1	0		8.65	47.94	50			1.108	1.062	4.12	
Heptachlor	1	0		8.89	9.98	10			0.163	0.163	0.20	
Di-n-butylphthalate	1	0		9.05	49.07	50			1.563	1.534	1.86	
Heptachlor epoxide	1	0		9.56	10.46	10			0.156	0.163	4.60	
Fluoranthene	1	0	CC	9.67	46.25	50	20		1.821	1.685	7.50	
Chrysene-d12	1	0	I	11.32	40.00	40				0.000	0.00	
Pyrene	1	0		9.91	52.04	50			1.782	1.855	4.08	
Benzidine	1	0		9.86	31.18	50			0.341	0.213	37.64	
Terphenyl-d14	1	0	S	10.13	25.73	25			0.832	0.857	2.92	
Endrin	1	0		10.34	10.79	10			0.098	0.106	7.90	
Butylbenzylphthalate	1	0		10.75	51.40	50			0.702	0.721	2.80	
Methoxychlor	1	0		11.30	10.03	10			1.681	1.686	0.30	
3,3'-Dichlorobenzidine	1	0		11.32	54.82	50			0.433	0.475	9.64	
Benzo[a]anthracene	1	0		11.31	49.79	50			1.791	1.784	0.42	
Chrysene	1	0		11.35	51.57	50			1.587	1.637	3.14	
bis(2-Ethylhexyl)phthalate	1	0		11.46	51.21	50			0.973	0.996	2.42	
Perylene-d12	1	0	I	12.89	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.20	48.70	50	20		2.506	2.441	2.60	
Benzo[b]fluoranthene	1	0		12.51	48.58	50			2.340	2.273	2.84	
Benzo[k]fluoranthene	1	0		12.54	51.13	50			2.180	2.230	2.26	
Benzo[a]pyrene	1	0	CC	12.84	49.11	50	20		2.147	2.109	1.78	
Indeno[1,2,3-cd]pyrene	1	0		13.89	47.65	50			2.198	2.095	4.70	
Dibenzo[a,h]anthracene	1	0		13.91	48.66	50			1.846	1.797	2.68	
Benzo[g,h,i]perylene	1	0		14.11	49.87	50			1.847	1.842	0.26	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M10688.D **Instrument:** GCMS_4

Cont Calibration Date/Time 5/30/2006 1:08:00 P **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	5.01	40.00	40				0.000	0.00	
Pyridine	1	0		2.45	58.88	50			1.268	1.493	17.76	
N-Nitrosodimethylamine	1	0		2.40	55.26	50			0.886	0.979	10.52	
2-Fluorophenol	1	0	S	3.89	51.45	50			1.188	1.222	2.90	
Aniline	1	0		4.75	43.26	50			1.865	1.614	13.48	
bis(2-Chloroethyl)ether	1	0		4.81	48.18	50			1.280	1.233	3.64	
Phenol-d5	1	0	S	4.74	49.03	50			1.616	1.585	1.94	
Phenol	1	0	CC	4.75	51.84	50	20		1.658	1.719	3.68	
2-Chlorophenol	1	0		4.85	51.46	50			1.348	1.387	2.92	
1,3-Dichlorobenzene.	1	0		4.97	54.51	50			1.377	1.501	9.02	
1,4-Dichlorobenzene	1	0	CC	5.03	52.69	50	20		1.408	1.483	5.38	
1,2-Dichlorobenzene	1	0		5.15	49.24	50			1.434	1.412	1.52	
Benzyl alcohol	1	0		5.14	46.85	50			0.867	0.813	6.30	
bis(2-chloroisopropyl)ether	1	0		5.24	46.97	50			2.456	2.307	6.06	
2-Methylphenol	1	0		5.23	45.97	50			1.152	1.060	8.06	
Hexachloroethane	1	0		5.41	53.67	50			0.635	0.682	7.34	
N-Nitroso-di-n-propylamine	1	0	CP	5.34	43.55	50	0.05		1.069	0.931	12.90	
3&4-Methylphenol	1	0		5.35	44.42	50			1.180	1.048	11.16	
Naphthalene-d8	1	0	I	6.02	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.45	25.01	25			0.196	0.196	0.04	
Nitrobenzene	1	0		5.47	55.70	50			0.389	0.434	11.40	
Isophorone	1	0		5.66	46.36	50			0.775	0.719	7.28	
2-Nitrophenol	1	0	CC	5.72	57.79	50	20		0.224	0.258	15.58	
2,4-Dimethylphenol	1	0		5.76	49.07	50			0.380	0.373	1.86	
Benzoic Acid	1	0		5.86	46.27	50			0.082	0.076	7.46	
bis(2-Chloroethoxy)methane	1	0		5.83	50.97	50			0.488	0.498	1.94	
2,4-Dichlorophenol	1	0	CC	5.91	53.57	50	20		0.347	0.372	7.14	
1,2,4-Trichlorobenzene	1	0		5.97	54.97	50			0.361	0.397	9.94	
Naphthalene	1	0		6.04	53.17	50			1.150	1.223	6.34	
4-Chloroaniline	1	0		6.09	55.82	50			0.409	0.457	11.64	
Hexachlorobutadiene	1	0	CC	6.14	54.75	50	20		0.228	0.250	9.50	
4-Chloro-3-methylphenol	1	0	CC	6.48	43.96	50	20		0.370	0.325	12.08	
2-Methylnaphthalene	1	0		6.63	49.83	50			0.659	0.656	0.34	
Methylnaphthalenes	1	0		6.63	49.83							
Acenaphthene-d10	1	0	I	7.62	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.77	55.09	50			0.628	0.692	10.18	
Hexachlorocyclopentadiene	1	0	CP	6.76	40.92	50	0.05		0.327	0.268	18.16	
2,4,6-Trichlorophenol	1	0	CC	6.88	51.09	50	20		0.466	0.477	2.18	
2,4,5-Trichlorophenol	1	0		6.91	57.29	50			0.468	0.536	14.58	
2-Fluorobiphenyl	1	0	S	6.96	27.43	25			1.255	1.377	9.72	
2-Chloronaphthalene	1	0		7.07	53.89	50			1.091	1.176	7.78	
2-Nitroaniline	1	0		7.17	47.37	50			0.530	0.502	5.26	
1,4-Dimethylnaphthalene	1	0		7.39	55.10	50			0.782	0.861	10.20	
Dimethylnaphthalenes	1	0		7.39	55.10							
Diphenyl Ether	1	0		7.15	53.94	50			0.707	0.763	7.88	
Acenaphthylene	1	0		7.48	55.00	50			2.184	2.403	10.00	
Dimethylphthalate	1	0		7.35	49.67	50			1.437	1.427	0.66	
2,6-Dinitrotoluene	1	0		7.42	51.52	50			0.357	0.368	3.04	
Acenaphthene	1	0	CC	7.65	53.77	50	20		1.395	1.500	7.54	
3-Nitroaniline	1	0		7.58	54.13	50			0.322	0.348	8.26	
2,4-Dinitrophenol	1	0	CP	7.70	35.51	50	0.05		0.206	0.146	28.98	
Dibenzofuran	1	0		7.82	51.76	50			1.550	1.605	3.52	
2,4-Dinitrotoluene	1	0		7.82	50.05	50			0.458	0.458	0.10	
4-Nitrophenol	1	0	CP	7.76	40.98	50	0.05		0.324	0.265	18.04	
Fluorene	1	0		8.19	50.53	50			1.462	1.477	1.06	
4-Chlorophenyl-phenylether	1	0		8.19	47.84	50			0.637	0.609	4.32	
Diethylphthalate	1	0		8.08	48.94	50			1.510	1.478	2.12	
4-Nitroaniline	1	0		8.22	45.09	50			0.423	0.381	9.82	
Phenanthrene-d10	1	0	I	9.24	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.26	47.14	50			0.155	0.146	5.72	
n-Nitrosodiphenylamine	1	0	CC	8.33	53.43	50	20		0.515	0.550	6.86	
2,4,6-Tribromophenol	1	0	S	8.46	51.19	50			0.187	0.192	2.38	
1,2-Diphenylhydrazine	1	0		8.37	54.03	50			0.806	0.871	8.06	
4-Bromophenyl-phenylether	1	0		8.73	54.14	50			0.248	0.269	8.28	
Hexachlorobenzene	1	0		8.80	53.45	50			0.346	0.370	6.90	
Pentachlorophenol	1	0	CC	9.02	40.82	50	20		0.210	0.172	18.36	
Phenanthrene	1	0		9.27	57.54	50			1.309	1.506	15.08	
Anthracene	1	0		9.33	53.68	50			1.386	1.488	7.36	
Carbazole	1	0		9.51	52.09	50			1.012	1.054	4.18	
Di-n-butylphthalate	1	0		9.95	54.42	50			1.417	1.542	8.84	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

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Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M10688.D **Instrument:** GCMS_4

Cont Calibration Date/Time 5/30/2006 1:08:00 P **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.66	51.54	50	20		1.478	1.524	3.08	
Chrysene-d12	1	0	I	12.47	40.00	40				0.000	0.00	
Pyrene	1	0		10.92	51.22	50			1.796	1.840	2.44	
Benzidine	1	0		10.84	21.85	50			0.469	0.205	56.30	
Terphenyl-d14	1	0	S	11.14	23.89	25			1.031	0.985	4.44	
Butylbenzylphthalate	1	0		11.77	49.50	50			0.772	0.764	1.00	
3,3'-Dichlorobenzidine	1	0		12.44	64.54	50			0.417	0.539	29.08	
Benzo[a]anthracene	1	0		12.46	50.93	50			1.584	1.614	1.86	
Chrysene	1	0		12.51	53.28	50			1.436	1.530	6.56	
bis(2-Ethylhexyl)phthalate	1	0		12.56	51.21	50			1.068	1.094	2.42	
Perylene-d12	1	0	I	14.34	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.43	40.37	50	20		2.836	2.290	19.26	
Benzo[b]fluoranthene	1	0		13.87	45.45	50			2.261	2.055	9.10	
Benzo[k]fluoranthene	1	0		13.90	53.03	50			1.862	1.974	6.06	
Benzo[a]pyrene	1	0	CC	14.27	51.03	50	20		1.798	1.835	2.06	
Indeno[1,2,3-cd]pyrene	1	0		15.58	63.32	50			1.400	1.773	26.64	
Dibenzo[a,h]anthracene	1	0		15.62	62.56	50			1.178	1.474	25.12	
Benzo[g,h,i]perylene	1	0		15.88	65.84	50			1.082	1.425	31.68	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M10563.D

Analysis Date/Time: 05/23/06 13:38

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	31429	5.07	117756	6.08	79787	7.69	149881	9.31	143225	12.55	90984	14.42
Eval File Area Limit:	15714-62858		58878-235512		39894-159574		74940-299762		71612-286450		45492-181968	
Eval File Rt Limit:	4.57-5.57		5.58-6.58		7.19-8.190001		8.81-9.81		12.05-13.05		13.92-14.92	

Data File	Sample#											
4M10563	CAL BNA@50	31429	5.07	117756	6.08	79787	7.69	149881	9.31	143225	12.55	90984	14.42
4M10564	CAL BNA@10	28989	5.07	111792	6.08	74162	7.68	144298	9.30	144879	12.54	114404	14.42
4M10565	CAL BNA@25	33697	5.07	130986	6.08	83105	7.69	149008	9.30	141562	12.54	109443	14.41
4M10566	CAL BNA@80	30717	5.07	114578	6.09	73930	7.69	138295	9.31	117102	12.56	71168	14.42
4M10568	CAL BNA@16	32669	5.08	115060	6.08	76320	7.69	137539	9.31	109646	12.56	59671	14.42
4M10569	CAL BNA@20	37617	5.08	141625	6.09	92421	7.70	170932	9.32	99223	12.57	53472	14.42
4M10570	CAL BNA@12	30586	5.08	107514	6.08	69338	7.69	126503	9.31	102257	12.55	61024	14.41
4M10571	SMB2895	32619	5.08	114626	6.08	72328	7.68	133748	9.30	130274	12.54	96212	14.41

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M10636.D

Analysis Date/Time: 05/25/06 14:44

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	35347	5.04	125029	6.06	74069	7.65	137451	9.28	122089	12.52	101311	14.38
Eval File Area Limit:	17674-70694		62514-250058		37034-148138		68726-274902		61044-244178		50656-202622	
Eval File Rt Limit:	4.54-5.54		5.56-6.56		7.15-8.15		8.78-9.78		12.02-13.02		13.88-14.88	

Data File	Sample#											
4M10637	SMB2898	41937	5.05	148150	6.06	84501	7.65	147270	9.28	142335	12.50	119793	14.38
4M10638	AC23573-004	35625	5.06	145337	6.05	91154	7.66	155384	9.27	148926	12.50	127658	14.38
4M10639	SMB2899	45853	5.05	146161	6.05	87301	7.66	148950	9.27	143888	12.50	128936	14.38
4M10640	SMB2899(MS	39464	5.05	135821	6.05	83401	7.66	138995	9.27	145567	12.50	124312	14.38
4M10641	AC23639-004	45934	5.05	152193	6.05	87287	7.66	152656	9.27	150193	12.50	128649	14.38
4M10642	AC23639-004(	39418	5.05	133094	6.05	84173	7.66	135884	9.27	127182	12.50	107913	14.38
4M10643	AC23639-004(	40662	5.05	134542	6.05	83544	7.65	135084	9.27	130669	12.50	110834	14.38
4M10644	AC23595-005	39472	5.05	142515	6.06	82974	7.65	146334	9.28	138111	12.51	95215	14.38
4M10645	AC23639-001	45827	5.05	144214	6.05	86444	7.66	141025	9.27	128913	12.50	109297	14.38
4M10646	AC23610-005	41791	5.05	148102	6.06	86253	7.65	151494	9.28	145296	12.51	108403	14.38
4M10647	AC23610-004	41989	5.05	155840	6.06	85961	7.65	155722	9.28	149420	12.50	109814	14.38
4M10648	AC23610-003	42834	5.05	139956	6.05	81466	7.66	136036	9.27	115599	12.50	66701	14.37
4M10649	AC23610-002	39261	5.05	142649	6.05	80813	7.65	153919	9.27	149109	12.50	102051	14.38
4M10650	AC23610-001	41721	5.05	141460	6.05	84818	7.66	135444	9.27	119706	12.50	78870	14.37
4M10651	AC23639-006	42909	5.05	137015	6.05	79190	7.66	128571	9.27	117526	12.50	81575	14.37
4M10652	AC23639-007	43109	5.05	146280	6.05	83242	7.65	150409	9.27	136793	12.51	95014	14.38
4M10653	AC23595-004	38301	5.05	134483	6.05	84581	7.66	142231	9.27	83581	12.51	33773	14.37
4M10654	AC23599-001	39903	5.05	137466	6.05	86207	7.66	140934	9.27	95913	12.50	41176	14.37
4M10655	AC23573-014	41083	5.05	143464	6.05	88470	7.66	146353	9.27	98782	12.50	43538	14.37
4M10656	AC23639-002	45462	5.05	156147	6.05	90493	7.66	148463	9.27	66396	12.50	27530	14.38
4M10657	AC23639-003	41705	5.05	110569	6.08	92827	7.66	103735	9.28	28275	12.51	13646	14.38
4M10658	AC23596-013	39032	5.05	133786	6.06	85939	7.66	128721	9.28	51765	12.50	21230	14.37
4M10659	AC23639-005	37404	5.05	123723	6.06	76179	7.66	106237	9.27	36434	12.50	17245	14.37
4M10660	AC23573-012	37538	5.05	125640	6.05	70573	7.66	88350	9.28	22065	12.50	11313	14.38
4M10661	AC23573-013	41309	5.05	139836	6.06	68933	7.66	71073	9.28	21186	12.50	12919	14.38
4M10662	AC23573-015	43149	5.05	141924	6.05	68964	7.66	77852	9.28	22571	12.52	13210	14.39
4M10663	AC23596-008	38525	5.05	130107	6.06	68947	7.66	80331	9.28	21072	12.51	12159	14.39

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)	
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L	
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L	

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19121.D

Analysis Date/Time: 05/26/06 12:01

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	14049	4.77	54673	5.82	31335	7.13	56203	8.44	63429	11.37	48494	12.94
Eval File Area Limit:	7024-28098		27336-109346		15668-62670		28102-112406		31714-126858		24247-96988	
Eval File Rt Limit:	4.27-5.27		5.32-6.32		6.63-7.63		7.94-8.94		10.87-11.87		12.44-13.44	

Data File	Sample#											
5M19121	CAL BNA@50	14049	4.77	54673	5.82	31335	7.13	56203	8.44	63429	11.37	48494	12.94
5M19122	CAL BNA@10	9463	4.77	39775	5.82	24553	7.13	43894	8.43	45650	11.36	38715	12.93
5M19123	CAL BNA@25	22040	4.77	91119	5.82	54218	7.13	95985	8.43	95872	11.36	71432	12.94
5M19124	CAL BNA@80	16085	4.77	63752	5.82	37451	7.13	68904	8.44	72021	11.36	52239	12.94
5M19125	CAL BNA@12	11714	4.77	49621	5.82	29563	7.13	54989	8.44	60731	11.37	43292	12.94
5M19126	CAL BNA@16	18703	4.77	72421	5.83	42168	7.13	74597	8.44	76321	11.37	48856	12.95
5M19127	CAL BNA@20	15084	4.77	60508	5.83	37171	7.13	68900	8.44	83183	11.37	53344	12.95
5M19128	WMB2906	13503	4.75	55028	5.81	33482	7.12	59778	8.42	60315	11.34	50147	12.92
5M19129	WMB2906(MS	19714	4.75	74819	5.81	43087	7.12	79316	8.42	85299	11.35	60883	12.92
5M19130	AC23561-006(	17424	4.75	71531	5.81	43587	7.12	76264	8.42	75152	11.34	59331	12.92
5M19131	AC23561-006(	13951	4.75	52059	5.81	30974	7.12	57471	8.42	63162	11.35	46654	12.92
5M19132	AC23561-006(	17792	4.75	69911	5.81	41699	7.12	78430	8.42	82901	11.35	58301	12.92
5M19133	WMB2907	15761	4.75	67143	5.81	40945	7.12	74880	8.42	73395	11.34	58136	12.92
5M19134	WMB2907(MS	13718	4.75	52565	5.81	31836	7.12	57268	8.42	65414	11.35	50295	12.92
5M19135	AC23676-007	8578	4.75	35662	5.81	21055	7.12	38375	8.42	38882	11.34	31431	12.92
5M19136	AC23618-002	16296	4.75	63778	5.81	37940	7.12	69358	8.42	70852	11.34	57204	12.92
5M19137	AC23618-003	19207	4.75	78285	5.81	46633	7.12	81959	8.42	74615	11.35	51015	12.93
5M19138	AC23618-004	6417	4.75	29042	5.81	20426	7.12	43232	8.42	48630	11.34	40056	12.92
5M19139	AC23618-005	9791	4.75	44817	5.81	30902	7.12	62688	8.42	67528	11.34	54214	12.92
5M19140	AC23618-006	8111	4.76	35340	5.81	24185	7.12	47476	8.42	58747	11.35	52150	12.93
5M19141	AC23618-001	2688	4.75	13984	5.81	13382	7.12	36074	8.42	53129	11.35	53384	12.93
5M19142	AC23637-001	11801	4.77	13628	6.01	67847	7.15	69090	8.43	77636	11.35	56377	12.92
5M19143	AC23637-003	9085	4.76	7711	6.07	6195	7.44	13493	9.06 R	7200	11.98 R	0	0.00 R
5M19144	AC23637-004	5733	4.75	29218	5.81	21766	7.12	48936	8.42	62003	11.34	55131	12.92
5M19145	AC23637-005	8505	4.75	37512	5.81	25413	7.12	53617	8.42	65610	11.34	53199	12.92
5M19146	AC23637-006	5722	4.75	27428	5.81	18693	7.12	40891	8.42	53102	11.34	46973	12.92
5M19147	AC23637-007	7220	4.76	35375	5.81	27749	7.13	46656	8.42	57922	11.34	51210	12.92
5M19148	AC23637-008	4479	4.75	22267	5.81	15969	7.12	36618	8.42	52593	11.34	48868	12.92
5M19149	AC23638-001	7786	4.75	35153	5.81	24113	7.12	51978	8.42	60741	11.34	50716	12.92
5M19150	AC23638-003	7094	4.75	33240	5.81	24050	7.12	51857	8.42	62278	11.34	51138	12.92
5M19151	AC23638-005	603	4.76	3297	5.81	2628	7.12	12556	8.42	51244	11.34	60581	12.92
5M19152	AC23630-014	5564	4.75	27002	5.81	19947	7.12	44470	8.42	57785	11.34	49268	12.92

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M10688.D

Analysis Date/Time: 05/30/06 13:08

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	36811	5.01	119119	6.02	66206	7.62	105353	9.24	92817	12.47	72245	14.34
Eval File Area Limit:	18406-73622		59560-238238		33103-132412		52676-210706		46408-185634		36122-144490	
Eval File Rt Limit:	4.51-5.51		5.52-6.52		7.12-8.12		8.74-9.74		11.97-12.97		13.84-14.84	

Data File	Sample#											
4M10689	SMB2901	39472	5.01	132419	6.02	79544	7.62	125111	9.23	116312	12.47	96577	14.34
4M10690	AC23596-009(	46668	5.02	157487	6.02	84553	7.62	128814	9.23	64766	12.46	30701	14.33
4M10691	AC23596-010(	40709	5.01	130623	6.02	72440	7.61	112601	9.24	57528	12.46	27180	14.33
4M10692	AC23596-008	43329	5.02	150200	6.02	85361	7.62	125709	9.23	54760	12.46	28748	14.33
4M10693	AC23650-001(	37645	5.01	123988	6.02	68205	7.62	97024	9.23	45182	12.45	25457	14.34
4M10694	AC23685-003(	35317	5.01	114536	6.01	68861	7.61	105305	9.23	48647	12.46	25012	14.34
4M10695	AC23704-014(	35010	5.01	118792	6.02	66901	7.61	102297	9.23	46088	12.46	23957	14.34
4M10696	AC23704-002(	33959	5.02	118101	6.02	68621	7.62	106849	9.23	49492	12.46	26319	14.33
4M10697	AC23685-002	45043	5.02	143686	6.02	75964	7.62	115169	9.23	59219	12.46	32172	14.33
4M10698	AC23685-001	44691	5.02	147147	6.02	79073	7.62	115502	9.23	49210	12.46	24405	14.33
4M10699	AC23650-004	41401	5.01	139072	6.02	71163	7.61	103822	9.24	40401	12.46	19404	14.34
4M10700	AC23685-019	41814	5.02	143846	6.02	75368	7.62	117282	9.23	43114	12.46	19670	14.34

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19165.D

Analysis Date/Time: 05/30/06 10:59

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	16963	4.74	69057	5.80	37411	7.10	64790	8.40	62517	11.32	44395	12.89
Eval File Area Limit:	8482-33926		34528-138114		18706-74822		32395-129580		31258-125034		22198-88790	
Eval File Rt Limit:	4.24-5.24		5.3-6.3		6.6-7.6		7.9-8.9		10.82-11.82		12.39-13.39	

Data File	Sample#											
5M19166	WMB2908	16189	4.74	68024	5.80	40387	7.10	69305	8.40	65235	11.31	51444	12.89
5M19167	WMB2908(MS	17070	4.74	66803	5.80	37990	7.10	67778	8.40	66021	11.32	45891	12.89
5M19168	AC23638-007	17599	4.73	75414	5.80	43771	7.10	77300	8.40	70800	11.31	55839	12.89
5M19169	AC23638-007(	19573	4.74	78176	5.80	46210	7.10	81319	8.40	82876	11.32	56336	12.89
5M19170	AC23638-007(	19932	4.74	78001	5.80	46150	7.10	80532	8.40	82093	11.32	54855	12.89
5M19172	AC23637-003(	18372	4.74	83073	5.80	47435	7.11	74121	8.40	70414	11.31	53143	12.89
5M19173	WMB2909(MS	19087	4.74	76264	5.80	44223	7.10	75287	8.40	73694	11.32	51263	12.89
5M19174	WMB2909	17580	4.73	77335	5.80	45533	7.10	77960	8.39	71636	11.31	54767	12.88
5M19175	SMB2901	13968	4.73	54729	5.80	34082	7.10	57636	8.39	48091	11.31	35981	12.88
5M19176	AC23681-001(	16284	4.74	61994	5.80	36214	7.10	62845	8.40	62004	11.32	42376	12.89
5M19177	AC23681-001(	17733	4.74	69435	5.80	40036	7.10	69557	8.40	69012	11.32	47469	12.89
5M19178	AC23681-001	10742	4.74	44139	5.80	24861	7.10	47282	8.39	44407	11.31	33016	12.88
5M19179	SMB2901(MS	15509	4.74	62836	5.80	37790	7.10	62652	8.40	55328	11.31	40373	12.89
5M19180	AC23704-017	12375	4.73	51842	5.80	30151	7.10	50952	8.39	43540	11.31	30603	12.89
5M19181	AC23704-017(	12974	4.74	55479	5.80	32582	7.10	54083	8.40	45075	11.31	34382	12.89
5M19182	AC23704-017(	13984	4.74	57059	5.80	32009	7.10	55913	8.39	46749	11.31	35573	12.89
5M19183	AC23685-020	12294	4.73	48823	5.80	28140	7.10	48474	8.39	40067	11.31	31849	12.89
5M19184	AC23704-016	11360	4.73	47879	5.80	28618	7.10	53712	8.39	51113	11.31	40271	12.89
5M19185	AC23637-001(	14731	4.74	79220	5.81	46774	7.11	69204	8.40	70326	11.31	52470	12.89
5M19186	AC23637-003(	13759	4.74	87124	5.81	50475	7.12	69980	8.40	66587	11.31	52310	12.89
5M19187	AC23638-005	16736	4.74	71455	5.80	44920	7.10	86372	8.39	87458	11.31	65502	12.89
5M19188	AC23630-014	13888	4.74	56183	5.80	33172	7.10	59059	8.39	53494	11.31	40367	12.88
5M19189	AC23618-004	14086	4.74	58696	5.80	35385	7.10	60712	8.39	56984	11.31	42379	12.89
5M19190	AC23618-001	17308	4.73	75478	5.80	48544	7.10	86572	8.40	83337	11.32	60829	12.90
5M19191	AC23637-004	14964	4.73	62422	5.80	38804	7.10	70456	8.39	62561	11.31	45209	12.89
5M19192	AC23637-006	11574	4.73	48692	5.80	31284	7.10	62110	8.39	64770	11.31	50794	12.88
5M19193	AC23637-008	12877	4.73	54106	5.80	34211	7.10	64622	8.39	61020	11.31	43734	12.89
5M19194	AC23704-015	12343	4.73	55049	5.80	36526	7.10	68571	8.39	63329	11.31	47664	12.88
5M19195	AC23650-002	21257	4.74	52242	5.81	18540	7.12	100364	8.56	78530	11.34	56602	12.90

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_4	GCMS_5			
	Effective Date:>	4/2/2006	4/2/2006			
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
Acenaphthene		0.43739	0.25458			
Acenaphthylene		0.38173	0.24445			
Anthracene		0.27592	0.18512			
Benzo[a]anthracene		0.21352	0.22437			
Benzo[a]pyrene		0.14416	0.16153			
Benzo[b]fluoranthene		0.35016	0.21330			
Benzo[g,h,i]perylene		0.35231	0.28685			
Benzo[k]fluoranthene		0.54464	0.31492			
Chrysene		0.26064	0.18768			
Dibenzo[a,h]Anthracene		0.19748	0.24805			
Fluoranthene		0.21949	0.15490			
Fluorene		0.37753	0.14916			
Indeno[1,2,3-cd]pyrene		0.25412	0.18027			
Naphthalene		0.69691	0.44300			
Phenanthrene		0.22265	0.22941			
Pyrene		0.19433	0.14695			

Analysis Type: SOLIDS

Batch Number: SOLIDS-3901 **Units: Percent**

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23695-002	NA	NA	20	90.67796	NA	0.18	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23695-002	DUP		91		100	90.678	1	12.8	11.7			05/30/06	na
AC23695-002	Sample		91		100	90.517	1	12.6	11.5			05/30/06	na
AC23695-003	Sample		94		100	93.86	1	12.4	11.7			05/30/06	na
AC23695-004	Sample		89		100	88.889	1	12.7	11.4			05/30/06	na
AC23695-005	Sample		89		100	88.983	1	12.8	11.5			05/30/06	na
AC23695-006	Sample		88		100	88.034	1	12.7	11.3			05/30/06	na
AC23695-007	Sample		88		100	87.611	1	12.3	10.9			05/30/06	na
AC23695-011	Sample		92		100	92.373	1	12.8	11.9			05/30/06	na
AC23695-012	Sample		92		100	91.525	1	12.8	11.8			05/30/06	na
AC23695-013	Sample		90		100	90.265	1	12.3	11.2			05/30/06	na
AC23695-014	Sample		92		100	92.308	1	12.7	11.8			05/30/06	na
AC23695-015	Sample		91		100	91.379	1	12.6	11.6			05/30/06	na
AC23695-016	Sample		92		100	92.174	1	12.5	11.6			05/30/06	na
AC23695-017	Sample		91		100	91.304	1	12.5	11.5			05/30/06	na
AC23685-001	Sample		85		100	85.47	1	12.7	11.0			05/30/06	na
AC23685-002	Sample		85		100	85.455	1	12.0	10.4			05/30/06	na
AC23685-003	Sample		84		100	83.621	1	12.6	10.7			05/30/06	na
AC23685-019	Sample		83		100	82.883	1	12.1	10.2			05/30/06	na
AC23685-020	Sample		79		100	79.279	1	12.1	9.8			05/30/06	na
AC23733-002	Sample		90		100	90.09	1	12.1	11.0			05/31/06	na
AC23733-003	Sample		88		100	88.393	1	12.2	10.9			05/31/06	na

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

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Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

NELAP Accredited

Environ International Corp.

Format: NJDEP-R
Project: Promenade Edgewater

PO Number:

Samples submitted on: 6/1/2006

AC23801-001
AC23801-002
AC23801-003
AC23801-004
AC23801-005
AC23801-006
AC23801-007
AC23801-008
AC23801-009
AC23801-010
AC23801-011
AC23801-012
AC23801-013
AC23801-014
AC23801-015

Date: 6/22/2006
HCI Project: 6060214

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director Or Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

Veritech Sample Key

22-Jun-06

Lab#	SampleID
AC23801-001	SS-25A 23002400
AC23801-002	SS-25A 12001300
AC23801-003	SS-25A19002000
AC23801-004	SS-25A24502550
AC23801-005	SS-25A16001750
AC23801-006	SS-25A 21002200
AC23801-007	SS-19.5C1 10001100
AC23801-008	SS-25A 10001200
AC23801-009	SS-25A 14001450
AC23801-010	SS-18D 1000
AC23801-011	SS-18D 1100
AC23801-012	SS-13D 06000800
AC23801-013	SS-13D 04000600
AC23801-014	SS-13D 14001450
AC23801-015	SS-13D 19502000

V0003/Division of Hampton-Clarke

175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

CHAIN OF CUSTODY RECORD

Project#(Lab Use Only) 6060214

Customer Information

1a) Customer: Environ International Corp.
Address: 114 Cornesie Ctr. Princeton, NJ

1b) Email/Cell/Fax/Ph: J Sanares@environcorp.com

1c) Send Invoice To: Jose Sanares

1d) Send Report To: Jose Sanares J Sanares@environcorp.com

Project Information

2a) Project: Promenade Edgewater

2b) Project Manager: Jose Sanares

2c) Location (City/State): Princeton, NJ

2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENVIRON

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC23801

Matrix Codes: DW-Drinking Water, GW-Ground Water, WW-Waste Water, S-Soil, SL-Sludge, O-Oil, A-Air, Ot-Other

Check if Contingent===> <===Check if Contingent

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	Time	Composite(C)	Grab(G)	Hold PAH	PAH (run)										None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) Comments
-001	SS-25A 23002400 ⊛	5	5/31/06	1024	X		X											X								
-002	SS-25A 12001300 ⊛	5	5/31/06	906	X		X											X								
-003	SS-25A 19002000	5	5/31/06	952	X		X											X								
-004	SS-25A 24502550	5	5/31/06	1036	X			X										X								
-005	SS-25A 16001750	5	5/31/06	929	X			X										X								
-006	SS-25A 2100 2200	5	5/31/06	1009	X			X										X								
-007	SS-19.5C1 1000 1100	5	5/31/06	1135	X			X										X								
-008	SS-25A 1000 1200	5	5/31/06	844	X		X											X								
-009	SS-25A 1400 1450	5	5/31/06	915	X		X											X								
-010	SS-18D 1000	5	~~5/31/06~~ 6/1/06	940		X	~~X~~	X										X								

10) Relinquished By:	Accepted By	Date	Time
[signature]	[signature]	6/1/06	1200
[signature]	[signature]	6-1	1625

Comments, Notes, Special Requirements, HAZARDS

⊛ Activated for PAH per Pat Rodman 6/5/6 [signature] 72 1717

11) Sampler: Date:

Cooler Tmp 3-4

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

10004h/Division of Hampton-Clarke — CHAIN OF CUSTODY RECORD

175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

Project#(Lab Use Only) | Page 2 of 2

Customer Information

1a) Customer: Environ International Corporation
Address: 214 Carnegie Ctr, Princeton, NJ
1b) Email/Cell/Fax/Ph: JSanders@environcorp.com
1c) Send Invoice To: Jose Sanders
1d) Send Report To: Jose Sanders JSanders@environcorp.com

Project Information

2a) Project: Promenade @ Edgewater
2b) Project Manager: Jose Sanders
2c) Location (City/State): Princeton, NJ
2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
(2-Hour(50%))	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: EMAIL	Other: ENVIRO

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY — Batch# AC23801

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	TAL TAH	VO +10	BN+15 BN 25 per JSanders Kelle 1/24	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-011	SS-18D 1100	S	6/1/06	950		X	X			X								
-012	SS-13D 0600 0800	S	6/1/06	1130		X		X	X			X						48 hr Fax VO + BN pls. 6/2
-013	SS-13D 0900 0600	S	6/1/06	1150		X		X	X			X						
-014	SS-13D 1400 1410	S	6/1/06	1215		X		X	X			X						
-015	SS-13D 1930 2000	S	6/1/06	1230				X	X			X						

10) Relinquished By:	Accepted By	Date	Time
	William Cook	6/1/06	1300
William Cook		6-1	1625

Comments, Notes, Special Requirements, HAZARDS: ACTIVATED PATH per P Rodman 6/5/06 550 72hr TAT

Cooler Tmp: 3.4

11) Sampler: Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Methanol Bottle Report

Lab#:	Bottle Number	Client Sample ID	Date Shipped	Empty Bottle Wght	Returned Bottle Wght	Wght Difference
AC23801-012	28496	SS-13D 06000800	06/01/05	32.38	37.99	5.61
AC23801-013	28516	SS-13D 04000600	06/01/05	32.1	38.19	6.09
AC23801-014	28488	SS-13D 14001450	06/01/05	31.98	39.03	7.05
AC23801-015	28484	SS-13D 19502000	06/01/05	31.95	37.18	5.23

CONDITION UPON RECEIPT

Batch Number AC23801

Entered By: frantz

Date Entered 6/2/2006 10:58:00 AM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container 3.4
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	NA	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC23801-001	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-001	06/05/06 14:12	ABM	1	A	BN-S
AC23801-001	06/05/06 18:35	R12	1	A	NONE
AC23801-002	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-002	06/05/06 14:12	ABM	1	A	BN-S
AC23801-002	06/05/06 18:35	R12	1	A	NONE
AC23801-003	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-003	06/05/06 14:12	ABM	1	A	BN-S
AC23801-003	06/05/06 18:18	R12	1	A	NONE
AC23801-004	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-004	06/05/06 14:12	ABM	1	A	BN-S
AC23801-004	06/05/06 18:35	R12	1	A	NONE
AC23801-005	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-005	06/05/06 14:12	ABM	1	A	BN-S
AC23801-005	06/05/06 18:35	R12	1	A	NONE
AC23801-006	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-006	06/05/06 14:12	ABM	1	A	BN-S
AC23801-006	06/05/06 18:35	R12	1	A	NONE
AC23801-007	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-007	06/05/06 14:25	ABM	1	A	BN-S
AC23801-007	06/05/06 18:35	R12	1	A	NONE
AC23801-010	06/08/06 10:01	NA	1	A	SOLIDS
AC23801-010	06/08/06 10:14	NA	1	A	%SOLIDS
AC23801-010	06/08/06 10:14	R12	1	A	NONE
AC23801-010	06/08/06 10:24	PM	1	A	BN
AC23801-010	06/08/06 13:58	R12	1	A	NONE
AC23801-011	06/08/06 10:01	NA	1	A	SOLIDS
AC23801-011	06/08/06 10:14	R12	1	A	NONE
AC23801-011	06/08/06 10:14	NA	1	A	%SOLIDS
AC23801-011	06/08/06 10:24	PM	1	A	BN
AC23801-011	06/08/06 13:58	R12	1	A	NONE
AC23801-012	06/05/06 09:03	MSL	1	A	BN
AC23801-012	06/05/06 09:45	R12	1	A	NONE
AC23801-012	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-012	06/05/06 18:18	R12	1	A	NONE
AC23801-012	06/05/06 09:21	WP	2	M	voa
AC23801-012	06/05/06 09:58	R3	2	M	NONE
AC23801-013	06/05/06 09:03	MSL	1	A	BN
AC23801-013	06/05/06 09:45	R12	1	A	NONE
AC23801-013	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-013	06/05/06 18:18	R12	1	A	NONE
AC23801-013	06/05/06 09:21	WP	2	M	voa
AC23801-013	06/05/06 09:58	R3	2	M	NONE
AC23801-013	06/06/06 09:35	WP	2	M	VOA
AC23801-013	06/06/06 10:19	R3	2	M	NONE
AC23801-014	06/05/06 09:03	MSL	1	A	BN
AC23801-014	06/05/06 09:45	R12	1	A	NONE
AC23801-014	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-014	06/05/06 18:18	R12	1	A	NONE
AC23801-014	06/05/06 09:21	WP	2	M	voa
AC23801-014	06/05/06 09:58	R3	2	M	NONE
AC23801-015	06/05/06 09:03	MSL	1	A	BN
AC23801-015	06/05/06 09:45	R12	1	A	NONE
AC23801-015	06/05/06 10:20	NA	1	A	%SOLIDS
AC23801-015	06/05/06 18:18	R12	1	A	NONE
AC23801-015	06/05/06 09:21	WP	2	M	voa
AC23801-015	06/05/06 09:58	R3	2	M	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

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Lab Number	Sample Description
AC23801-004	SS-25A24502550

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23801-005	SS-25A16001750

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23801-006	SS-25A 21002200

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270

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Benzo[a]anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270

Lab Number AC23801-007 **Sample Description** SS-19.5C1 10001100

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/5/2006	ABDUL	EPA3510/3550	6/6/2006	AHD	EPA 8270

Lab Number AC23801-010 **Sample Description** SS-18D 1000

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/8/2006	na	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Acenaphthylene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Anthracene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[a]anthracene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[a]pyrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Chrysene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Fluoranthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Fluorene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Naphthalene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Phenanthrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Pyrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270

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Lab Number	Sample Description
AC23801-011	SS-18D 1100

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/8/2006	na	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Acenaphthylene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Anthracene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[a]anthracene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[a]pyrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Chrysene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Fluoranthene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Fluorene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Naphthalene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Phenanthrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270
Pyrene	6/8/2006	paul	EPA3510/3550	6/8/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23801-012	SS-13D 06000800

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Chloronaphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Chlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Methylnaphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3&4-Methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chloroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Acenaphthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270

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Anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzidine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Butylbenzylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Carbazole	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Chrysene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dibenzofuran	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Diethylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dimethylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Di-n-butylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Di-n-octylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Fluorene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorobutadiene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachloroethane	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Isophorone	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Naphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Nitrobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Pentachlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Phenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/5/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/5/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/5/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/5/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/5/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/5/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/5/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/5/2006	DB	EPA 8260

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M&p-Xylenes	EPA5030/5035	6/5/2006	DB	EPA 8260
Methylene chloride	EPA5030/5035	6/5/2006	DB	EPA 8260
O-Xylene	EPA5030/5035	6/5/2006	DB	EPA 8260
Styrene	EPA5030/5035	6/5/2006	DB	EPA 8260
Tetrachloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Toluene	EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,2-Dichloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,3-Dichloropropene	EPA5030/5035	6/5/2006	DB	EPA 8260
Trichloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Vinyl chloride	EPA5030/5035	6/5/2006	DB	EPA 8260

Lab Number	Sample Description
AC23801-013	SS-13D 04000600

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	ns	SM 2540G

Semivolatile Organics, 8270 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Chloronaphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Chlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Methylnaphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3&4-Methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chloroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Acenaphthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzidine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Butylbenzylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Carbazole	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Chrysene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dibenzofuran	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Diethylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270

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Dimethylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Di-n-butylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Di-n-octylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Fluorene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorobutadiene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachloroethane	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Isophorone	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Naphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Nitrobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Pentachlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Phenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/6/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/6/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/6/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/6/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/6/2006	DB	EPA 8260
M&p-Xylenes			EPA5030/5035	6/6/2006	DB	EPA 8260
Methylene chloride			EPA5030/5035	6/6/2006	DB	EPA 8260
O-Xylene			EPA5030/5035	6/6/2006	DB	EPA 8260
Styrene			EPA5030/5035	6/6/2006	DB	EPA 8260
Tetrachloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Toluene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,2-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,3-Dichloropropene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Vinyl chloride			EPA5030/5035	6/6/2006	DB	EPA 8260

Lab Number	Sample Description
AC23801-014	SS-13D 14001450

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method

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% Solids				6/5/2006	na	SM 2540G
Semivolatile Organics + 25 (8270)	**Preparation**			**Analysis**		
	Date	**By**	**Method**	**Date**	**By**	**Method**
1,2,4-Trichlorobenzene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chloronaphthalene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chlorophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylnaphthalene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylphenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
3&4-Methylphenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
3-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloroaniline	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzidine	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Butylbenzylphthalate	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Carbazole	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzofuran	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Diethylphthalate	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dimethylphthalate	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-butylphthalate	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-octylphthalate	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobenzene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobutadiene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachloroethane	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Isophorone	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Nitrobenzene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pentachlorophenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270

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Phenanthrene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenol	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/5/2006	msl	EPA3510/3550	6/6/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/5/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/5/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/5/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/5/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/5/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/5/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/5/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/5/2006	DB	EPA 8260
M&p-Xylenes			EPA5030/5035	6/5/2006	DB	EPA 8260
Methylene chloride			EPA5030/5035	6/5/2006	DB	EPA 8260
O-Xylene			EPA5030/5035	6/5/2006	DB	EPA 8260
Styrene			EPA5030/5035	6/5/2006	DB	EPA 8260
Tetrachloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Toluene			EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,2-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,3-Dichloropropene			EPA5030/5035	6/5/2006	DB	EPA 8260
Trichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Vinyl chloride			EPA5030/5035	6/5/2006	DB	EPA 8260

Lab Number	Sample Description
AC23801-015	SS-13D 19502000

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Chloronaphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270

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2-Chlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Methylnaphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
2-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3&4-Methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
3-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chloroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Nitroaniline	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
4-Nitrophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Acenaphthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Acenaphthylene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzidine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[a]anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[a]pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Butylbenzylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Carbazole	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Chrysene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dibenzofuran	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Diethylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Dimethylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Di-n-butylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Di-n-octylphthalate	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Fluoranthene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Fluorene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorobutadiene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Hexachloroethane	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Isophorone	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Naphthalene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Nitrobenzene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Pentachlorophenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Phenanthrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Phenol	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270
Pyrene	6/5/2006	msl	EPA3510/3550	6/5/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/5/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/5/2006	DB	EPA 8260

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Acetone	EPA5030/5035	6/5/2006	DB	EPA 8260
Acrolein	EPA5030/5035	6/5/2006	DB	EPA 8260
Acrylonitrile	EPA5030/5035	6/5/2006	DB	EPA 8260
Benzene	EPA5030/5035	6/5/2006	DB	EPA 8260
Bromodichloromethane	EPA5030/5035	6/5/2006	DB	EPA 8260
Bromoform	EPA5030/5035	6/5/2006	DB	EPA 8260
Bromomethane	EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon disulfide	EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon tetrachloride	EPA5030/5035	6/5/2006	DB	EPA 8260
Chlorobenzene	EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroethane	EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroform	EPA5030/5035	6/5/2006	DB	EPA 8260
Chloromethane	EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,2-Dichloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,3-Dichloropropene	EPA5030/5035	6/5/2006	DB	EPA 8260
Dibromochloromethane	EPA5030/5035	6/5/2006	DB	EPA 8260
Ethylbenzene	EPA5030/5035	6/5/2006	DB	EPA 8260
M&p-Xylenes	EPA5030/5035	6/5/2006	DB	EPA 8260
Methylene chloride	EPA5030/5035	6/5/2006	DB	EPA 8260
O-Xylene	EPA5030/5035	6/5/2006	DB	EPA 8260
Styrene	EPA5030/5035	6/5/2006	DB	EPA 8260
Tetrachloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Toluene	EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,2-Dichloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,3-Dichloropropene	EPA5030/5035	6/5/2006	DB	EPA 8260
Trichloroethene	EPA5030/5035	6/5/2006	DB	EPA 8260
Vinyl chloride	EPA5030/5035	6/5/2006	DB	EPA 8260

Volatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File / Compound / Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	Yes
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Methylene chloride was recovered in samples AC23801-012 thru 015 due to possible laboratory contamination.

Organics Director: _____ 6/7/2006

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination) Data File Compound Concentration	Yes
5) Surrogate Recoveries meet criteria? If "No" ..see attached surrogate recovery form.	Yes
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria? If "No" ..see attached spike recovery form.	Yes
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Organics Director: _____ 6/7/06

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File / Compound / Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	**NO**
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Sample AC23801-011 was analyzed at a dilution due to the bad sample matrix. One compound exceeded the recovery criteria in the MS and MSD for batch SMB2908, but all QC criteria for this batch was met based on the MBS.

Organics Director: _____ 6/9/06

METHOD REFERENCES

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals–semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sonores
Project: Promenade Edgewater

Date Submitted: 6/1/2006
Date Reported: 6/22/2006

Lab#	Sample ID	Date Collected	TestGroup/Analyte	DF	Units	RL	Result
AC23801-004	**SS-25A24502550**	**5/31/2006**					
			% Solids SM2540G				
			% Solids	1	percent		64
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.52	ND
			Acenaphthylene	1	mg/kg	0.52	ND
			Anthracene	1	mg/kg	0.52	ND
			Benzo[a]anthracene	1	mg/kg	0.52	ND
			Benzo[a]pyrene	1	mg/kg	0.52	0.45J
			Benzo[b]fluoranthene	1	mg/kg	0.52	ND
			Benzo[g,h,i]perylene	1	mg/kg	0.52	ND
			Benzo[k]fluoranthene	1	mg/kg	0.52	ND
			Chrysene	1	mg/kg	0.52	ND
			Dibenzo[a,h]Anthracene	1	mg/kg	0.52	ND
			Fluoranthene	1	mg/kg	0.52	ND
			Fluorene	1	mg/kg	0.52	ND
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.52	ND
			Naphthalene	1	mg/kg	0.52	ND
			Phenanthrene	1	mg/kg	0.52	ND
			Pyrene	1	mg/kg	0.52	ND
AC23801-005	**SS-25A16001750**	**5/31/2006**					
			% Solids SM2540G				
			% Solids	1	percent		80
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.42	0.23J
			Acenaphthylene	1	mg/kg	0.42	ND
			Anthracene	1	mg/kg	0.42	0.46
			Benzo[a]anthracene	1	mg/kg	0.42	0.92
			Benzo[a]pyrene	1	mg/kg	0.42	0.72
			Benzo[b]fluoranthene	1	mg/kg	0.42	0.93
			Benzo[g,h,i]perylene	1	mg/kg	0.42	0.41J
			Benzo[k]fluoranthene	1	mg/kg	0.42	0.33J
			Chrysene	1	mg/kg	0.42	0.89
			Dibenzo[a,h]Anthracene	1	mg/kg	0.42	0.13J
			Fluoranthene	1	mg/kg	0.42	2.1
			Fluorene	1	mg/kg	0.42	0.27J
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.42	0.42J
			Naphthalene	1	mg/kg	0.42	0.26J
			Phenanthrene	1	mg/kg	0.42	1.7
			Pyrene	1	mg/kg	0.42	1.7
AC23801-006	**SS-25A 21002200**	**5/31/2006**					
			% Solids SM2540G				
			% Solids	1	percent		83
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.40	0.066J
			Acenaphthylene	1	mg/kg	0.40	ND
			Anthracene	1	mg/kg	0.40	0.050J
			Benzo[a]anthracene	1	mg/kg	0.40	0.12J
			Benzo[a]pyrene	1	mg/kg	0.40	0.074J
			Benzo[b]fluoranthene	1	mg/kg	0.40	0.091J
			Benzo[g,h,i]perylene	1	mg/kg	0.40	0.044J
			Benzo[k]fluoranthene	1	mg/kg	0.40	0.046J
			Chrysene	1	mg/kg	0.40	0.13J
			Dibenzo[a,h]Anthracene	1	mg/kg	0.40	ND
			Fluoranthene	1	mg/kg	0.40	0.34J
			Fluorene	1	mg/kg	0.40	ND
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.40	0.041J
			Naphthalene	1	mg/kg	0.40	0.16J
			Phenanthrene	1	mg/kg	0.40	0.075J
			Pyrene	1	mg/kg	0.40	0.32J
AC23801-007	**SS-19.5C1 10001100**	**5/31/2006**					
			% Solids SM2540G				
			% Solids	1	percent		91
			PAH Compounds 8270				
			Acenaphthene	10	mg/kg	3.7	1.1J
			Acenaphthylene	10	mg/kg	3.7	ND
			Anthracene	10	mg/kg	3.7	3.0J
			Benzo[a]anthracene	10	mg/kg	3.7	6.2
			Benzo[a]pyrene	10	mg/kg	3.7	5.0
			Benzo[b]fluoranthene	10	mg/kg	3.7	6.9
			Benzo[g,h,i]perylene	10	mg/kg	3.7	2.9J
			Benzo[k]fluoranthene	10	mg/kg	3.7	2.3J
			Chrysene	10	mg/kg	3.7	6.1
			Dibenzo[a,h]Anthracene	10	mg/kg	3.7	0.85J
			Fluoranthene	10	mg/kg	3.7	14
			Fluorene	10	mg/kg	3.7	1.2J
			Indeno[1,2,3-cd]pyrene	10	mg/kg	3.7	2.7J
			Naphthalene	10	mg/kg	3.7	0.60J
			Phenanthrene	10	mg/kg	3.7	9.1
			Pyrene	10	mg/kg	3.7	11

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23801-010	**SS-18D 1000**	**6/1/2006**			**AC23801-012**	**SS-13D 06000800**	**6/1/2006**		
% Solids SM2540G					**% Solids SM2540G**				
% Solids	1	percent		88	% Solids	1	percent		87
PAH Compounds 8270									
Acenaphthene	3	mg/kg	1.1	0.47J					
Acenaphthylene	3	mg/kg	1.1	ND					
Anthracene	3	mg/kg	1.1	0.85J					
Benzo[a]anthracene	3	mg/kg	1.1	1.6					
Benzo[a]pyrene	3	mg/kg	1.1	1.2					
Benzo[b]fluoranthene	3	mg/kg	1.1	1.5					
Benzo[g,h,i]perylene	3	mg/kg	1.1	0.70J					
Benzo[k]fluoranthene	3	mg/kg	1.1	0.55J					
Chrysene	3	mg/kg	1.1	1.3					
Dibenzo[a,h]Anthracene	3	mg/kg	1.1	0.19J					
Fluoranthene	3	mg/kg	1.1	3.7					
Fluorene	3	mg/kg	1.1	0.53J					
Indeno[1,2,3-cd]pyrene	3	mg/kg	1.1	0.65J					
Naphthalene	3	mg/kg	1.1	0.31J					
Phenanthrene	3	mg/kg	1.1	3.4					
Pyrene	3	mg/kg	1.1	3.0					
AC23801-011	**SS-18D 1100**	**6/1/2006**							
% Solids SM2540G									
% Solids	1	percent		92					
PAH Compounds 8270									
Acenaphthene	5	mg/kg	1.8	ND					
Acenaphthylene	5	mg/kg	1.8	ND					
Anthracene	5	mg/kg	1.8	ND					
Benzo[a]anthracene	5	mg/kg	1.8	0.27J					
Benzo[a]pyrene	5	mg/kg	1.8	0.20J					
Benzo[b]fluoranthene	5	mg/kg	1.8	0.28J					
Benzo[g,h,i]perylene	5	mg/kg	1.8	ND					
Benzo[k]fluoranthene	5	mg/kg	1.8	ND					
Chrysene	5	mg/kg	1.8	0.30J					
Dibenzo[a,h]Anthracene	5	mg/kg	1.8	ND					
Fluoranthene	5	mg/kg	1.8	0.81J					
Fluorene	5	mg/kg	1.8	ND					
Indeno[1,2,3-cd]pyrene	5	mg/kg	1.8	ND					
Naphthalene	5	mg/kg	1.8	ND					
Phenanthrene	5	mg/kg	1.8	0.53J					
Pyrene	5	mg/kg	1.8	0.63J					

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23801-012	**SS-13D 06000800**	**6/1/2006**			**AC23801-012**	**SS-13D 06000800**	**6/1/2006**		
Semivolatile Organics + 25 (8270)					**Volatile Organics + 10 (8260)**				
1,2,4-Trichlorobenzene	1	mg/kg	0.38	ND	1,1,1-Trichloroethane	89.1	mg/kg	0.51	ND
1,2-Dichlorobenzene	1	mg/kg	0.38	ND	1,1,2,2-Tetrachloroethane	89.1	mg/kg	0.51	ND
1,2-Diphenylhydrazine	1	mg/kg	0.38	ND	1,1,2-Trichloroethane	89.1	mg/kg	0.51	ND
1,3-Dichlorobenzene	1	mg/kg	0.38	ND	1,1-Dichloroethane	89.1	mg/kg	0.51	ND
1,4-Dichlorobenzene	1	mg/kg	0.38	ND	1,1-Dichloroethene	89.1	mg/kg	0.51	ND
2,4,5-Trichlorophenol	1	mg/kg	0.38	ND	1,2-Dichloroethene	89.1	mg/kg	0.51	ND
2,4,6-Trichlorophenol	1	mg/kg	0.38	ND	1,2-Dichloropropane	89.1	mg/kg	0.51	ND
2,4-Dichlorophenol	1	mg/kg	0.38	ND	2-Butanone	89.1	mg/kg	0.51	ND
2,4-Dimethylphenol	1	mg/kg	0.38	ND	2-Chloroethylvinylether	89.1	mg/kg	0.51	ND
2,4-Dinitrophenol	1	mg/kg	1.9	ND	2-Hexanone	89.1	mg/kg	1.0	ND
2,4-Dinitrotoluene	1	mg/kg	0.38	ND	4-Methyl-2-Pentanone	89.1	mg/kg	0.51	ND
2,6-Dinitrotoluene	1	mg/kg	0.38	ND	Acetone	89.1	mg/kg	2.6	ND
2-Chloronaphthelene	1	mg/kg	0.38	ND	Acrolein	89.1	mg/kg	2.6	ND
2-Chlorophenol	1	mg/kg	0.38	ND	Acrylonitrile	89.1	mg/kg	0.51	ND
2-Methylnaphthalene	1	mg/kg	0.38	0.081J	Benzene	89.1	mg/kg	0.10	0.15
2-Methylphenol	1	mg/kg	0.38	ND	Bromodichloromethane	89.1	mg/kg	0.51	ND
2-Nitroaniline	1	mg/kg	0.38	ND	Bromoform	89.1	mg/kg	0.51	ND
2-Nitrophenol	1	mg/kg	0.38	ND	Bromomethane	89.1	mg/kg	0.51	ND
3&4-Methylphenol	1	mg/kg	0.38	ND	Carbon disulfide	89.1	mg/kg	0.51	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.38	ND	Carbon tetrachloride	89.1	mg/kg	0.51	ND
3-Nitroaniline	1	mg/kg	0.38	ND	Chlorobenzene	89.1	mg/kg	0.51	0.40J
4,6-Dinitro-2-methylphenol	1	mg/kg	0.96	ND	Chloroethane	89.1	mg/kg	0.51	ND
4-Bromophenyl-phenylether	1	mg/kg	0.38	ND	Chloroform	89.1	mg/kg	0.51	ND
4-Chloro-3-methylphenol	1	mg/kg	0.38	ND	Chloromethane	89.1	mg/kg	0.51	ND
4-Chloroaniline	1	mg/kg	0.38	ND	Cis-1,2-Dichloroethene	89.1	mg/kg	0.51	0.29J
4-Chlorophenyl-phenylether	1	mg/kg	0.38	ND	Cis-1,3-Dichloropropene	89.1	mg/kg	0.51	ND
4-Nitroaniline	1	mg/kg	0.38	ND	Dibromochloromethane	89.1	mg/kg	0.51	ND
4-Nitrophenol	1	mg/kg	0.38	ND	Ethylbenzene	89.1	mg/kg	0.10	1.9
Acenaphthene	1	mg/kg	0.38	0.075J	M&p-Xylenes	89.1	mg/kg	0.20	5.1
Acenaphthylene	1	mg/kg	0.38	0.045J	Methylene chloride	89.1	mg/kg	0.51	0.22J
Anthracene	1	mg/kg	0.38	0.15J	O-Xylene	89.1	mg/kg	0.10	3.0
Benzidine	1	mg/kg	0.96	ND	Styrene	89.1	mg/kg	0.51	ND
Benzo[e]anthracene	1	mg/kg	0.38	0.47	Tetrachloroethene	89.1	mg/kg	0.51	1.1
Benzo[a]pyrene	1	mg/kg	0.38	0.45	Toluene	89.1	mg/kg	0.10	0.56
Benzo[b]fluoranthene	1	mg/kg	0.38	0.52	Trans-1,2-Dichloroethene	89.1	mg/kg	0.51	ND
Benzo[g,h,i]perylene	1	mg/kg	0.38	0.33J	Trans-1,3-Dichloropropene	89.1	mg/kg	0.51	ND
Benzo[k]fluoranthene	1	mg/kg	0.38	0.18J	Trichloroethene	89.1	mg/kg	0.51	0.18J
Bis(2-Chloroethoxy)methane	1	mg/kg	0.38	ND	Vinyl chloride	89.1	mg/kg	0.51	ND
Bis(2-Chloroethyl)Ether	1	mg/kg	0.38	ND					
Bis(2-Chloroisopropyl)ether	1	mg/kg	0.38	ND					
Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.38	0.24J					
Butylbenzylphthalate	1	mg/kg	0.38	0.085J					
Carbazole	1	mg/kg	0.38	0.075J					
Chrysene	1	mg/kg	0.38	0.48					
Dibenzo[a,h]Anthracene	1	mg/kg	0.38	0.10J					
Dibenzofuran	1	mg/kg	0.38	0.060J					
Diethylphthalate	1	mg/kg	0.38	ND					
Dimethylphthalate	1	mg/kg	0.38	ND					
Di-n-butylphthalate	1	mg/kg	0.38	ND					
Di-n-octylphthalate	1	mg/kg	0.38	ND					
Fluoranthene	1	mg/kg	0.38	0.84					
Fluorene	1	mg/kg	0.38	0.11J					
Hexachlorobenzene	1	mg/kg	0.38	ND					
Hexachlorobutadiene	1	mg/kg	0.38	ND					
Hexachlorocyclopentadiene	1	mg/kg	0.38	ND					
Hexachloroethane	1	mg/kg	0.38	ND					
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.38	0.22J					
Isophorone	1	mg/kg	0.38	ND					
Naphthalene	1	mg/kg	0.38	0.13J					
Nitrobenzene	1	mg/kg	0.38	ND					
N-Nitrosodimethylamine	1	mg/kg	0.38	ND					
N-Nitroso-Di-N-Propylamine	1	mg/kg	0.38	ND					
N-Nitrosodiphenylamine	1	mg/kg	0.38	ND					
Pentachlorophenol	1	mg/kg	0.96	ND					
Phenanthrene	1	mg/kg	0.38	0.62					
Phenol	1	mg/kg	0.38	ND					
Pyrene	1	mg/kg	0.38	0.85					

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23801-013	**SS-13D 04000600**	**6/1/2006**			**AC23801-013**	**SS-13D 04000600**	**6/1/2006**		
% Solids SM2540G					**Semivolatile Organics + 25 (8270)**				
% Solids	1	percent		84	1,2,4-Trichlorobenzene	3	mg/kg	1.2	ND
					1,2-Dichlorobenzene	3	mg/kg	1.2	ND
					1,2-Diphenylhydrazine	3	mg/kg	1.2	ND
					1,3-Dichlorobenzene	3	mg/kg	1.2	ND
					1,4-Dichlorobenzene	3	mg/kg	1.2	ND
					2,4,5-Trichlorophenol	3	mg/kg	1.2	ND
					2,4,6-Trichlorophenol	3	mg/kg	1.2	ND
					2,4-Dichlorophenol	3	mg/kg	1.2	ND
					2,4-Dimethylphenol	3	mg/kg	1.2	ND
					2,4-Dinitrophenol	3	mg/kg	6.0	ND
					2,4-Dinitrotoluene	3	mg/kg	1.2	ND
					2,6-Dinitrotoluene	3	mg/kg	1.2	ND
					2-Chloronaphthalene	3	mg/kg	1.2	ND
					2-Chlorophenol	3	mg/kg	1.2	ND
					2-Methylnaphthalene	3	mg/kg	1.2	0.26J
					2-Methylphenol	3	mg/kg	1.2	ND
					2-Nitroaniline	3	mg/kg	1.2	ND
					2-Nitrophenol	3	mg/kg	1.2	ND
					3&4-Methylphenol	3	mg/kg	1.2	ND
					3,3'-Dichlorobenzidine	3	mg/kg	1.2	ND
					3-Nitroaniline	3	mg/kg	1.2	ND
					4,6-Dinitro-2-methylphenol	3	mg/kg	3.0	ND
					4-Bromophenyl-phenylether	3	mg/kg	1.2	ND
					4-Chloro-3-methylphenol	3	mg/kg	1.2	ND
					4-Chloroaniline	3	mg/kg	1.2	ND
					4-Chlorophenyl-phenylether	3	mg/kg	1.2	ND
					4-Nitroaniline	3	mg/kg	1.2	ND
					4-Nitrophenol	3	mg/kg	1.2	ND
					Acenaphthene	3	mg/kg	1.2	0.35J
					Acenaphthylene	3	mg/kg	1.2	ND
					Anthracene	3	mg/kg	1.2	2.4
					Benzidine	3	mg/kg	3.0	ND
					Benzo[a]anthracene	3	mg/kg	1.2	1.5
					Benzo[a]pyrene	3	mg/kg	1.2	1.3
					Benzo[b]fluoranthene	3	mg/kg	1.2	1.8
					Benzo[g,h,i]perylene	3	mg/kg	1.2	0.87J
					Benzo[k]fluoranthene	3	mg/kg	1.2	0.62J
					Bis(2-Chloroethoxy)methane	3	mg/kg	1.2	ND
					Bis(2-Chloroethyl)Ether	3	mg/kg	1.2	ND
					Bis(2-Chloroisopropyl)ether	3	mg/kg	1.2	ND
					Bis(2-Ethylhexyl)phthalate	3	mg/kg	1.2	0.73J
					Butylbenzylphthalate	3	mg/kg	1.2	0.30J
					Carbazole	3	mg/kg	1.2	0.98J
					Chrysene	3	mg/kg	1.2	1.5
					Dibenzo[a,h]Anthracene	3	mg/kg	1.2	0.26J
					Dibenzofuran	3	mg/kg	1.2	0.30J
					Diethylphthalate	3	mg/kg	1.2	ND
					Dimethylphthalate	3	mg/kg	1.2	ND
					Di-n-butylphthalate	3	mg/kg	1.2	ND
					Di-n-octylphthalate	3	mg/kg	1.2	ND
					Fluoranthene	3	mg/kg	1.2	3.2
					Fluorene	3	mg/kg	1.2	0.42J
					Hexachlorobenzene	3	mg/kg	1.2	ND
					Hexachlorobutadiene	3	mg/kg	1.2	ND
					Hexachlorocyclopentadiene	3	mg/kg	1.2	ND
					Hexachloroethane	3	mg/kg	1.2	ND
					Indeno[1,2,3-cd]pyrene	3	mg/kg	1.2	0.82J
					Isophorone	3	mg/kg	1.2	ND
					Naphthalene	3	mg/kg	1.2	0.44J
					Nitrobenzene	3	mg/kg	1.2	ND
					N-Nitrosodimethylamine	3	mg/kg	1.2	ND
					N-Nitroso-Di-N-Propylamine	3	mg/kg	1.2	ND
					N-Nitrosodiphenylamine	3	mg/kg	1.2	ND
					Pentachlorophenol	3	mg/kg	3.0	ND
					Phenanthrene	3	mg/kg	1.2	2.3
					Phenol	3	mg/kg	1.2	ND
					Pyrene	3	mg/kg	1.2	2.7

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected
AC23801-013	SS-13D 04000600	6/1/2006

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
1,1,1-Trichloroethane	82.1	mg/kg	0.49	ND
1,1,2,2-Tetrachloroethane	82.1	mg/kg	0.49	ND
1,1,2-Trichloroethane	82.1	mg/kg	0.49	ND
1,1-Dichloroethane	82.1	mg/kg	0.49	ND
1,1-Dichloroethene	82.1	mg/kg	0.49	ND
1,2-Dichloroethane	82.1	mg/kg	0.49	ND
1,2-Dichloropropane	82.1	mg/kg	0.49	ND
2-Butanone	82.1	mg/kg	0.49	ND
2-Chloroethylvinylether	82.1	mg/kg	0.49	ND
2-Hexanone	82.1	mg/kg	0.49	ND
4-Methyl-2-Pentanone	82.1	mg/kg	0.49	ND
Acetone	82.1	mg/kg	2.4	ND
Acrolein	82.1	mg/kg	2.4	ND
Acrylonitrile	82.1	mg/kg	0.49	ND
Benzene	82.1	mg/kg	0.098	ND
Bromodichloromethane	82.1	mg/kg	0.49	ND
Bromoform	82.1	mg/kg	0.49	ND
Bromomethane	82.1	mg/kg	0.49	ND
Carbon disulfide	82.1	mg/kg	0.49	ND
Carbon tetrachloride	82.1	mg/kg	0.49	ND
Chlorobenzene	82.1	mg/kg	0.49	0.18J
Chloroethane	82.1	mg/kg	0.49	ND
Chloroform	82.1	mg/kg	0.49	ND
Chloromethane	82.1	mg/kg	0.49	ND
Cis-1,2-Dichloroethene	82.1	mg/kg	0.49	0.29J
Cis-1,3-Dichloropropene	82.1	mg/kg	0.49	ND
Dibromochloromethane	82.1	mg/kg	0.49	ND
Ethylbenzene	82.1	mg/kg	0.098	0.37
M&p-Xylenes	82.1	mg/kg	0.20	0.38
Methylene chloride	82.1	mg/kg	0.49	0.53
O-Xylene	82.1	mg/kg	0.098	0.31
Styrene	82.1	mg/kg	0.49	ND
Tetrachloroethene	82.1	mg/kg	0.49	0.61
Toluene	82.1	mg/kg	0.098	0.23
Trans-1,2-Dichloroethene	82.1	mg/kg	0.49	ND
Trans-1,3-Dichloropropene	82.1	mg/kg	0.49	ND
Trichloroethene	82.1	mg/kg	0.49	0.15J
Vinyl chloride	82.1	mg/kg	0.49	ND

Lab#	Sample ID	Date Collected
AC23801-014	SS-13D 14001450	6/1/2006

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		79

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte		DF	Units	RL	Result	TestGroup/Analyte		DF	Units	RL	Result
AC23801-014	SS-13D 14001450	6/1/2006				AC23801-014	SS-13D 14001450	6/1/2006			
Semivolatile Organics + 25 (8270)						**Volatile Organics + 10 (8260)**					
1,2,4-Trichlorobenzene		50	mg/kg	21	ND	1,1,1-Trichloroethane		70.9	mg/kg	0.45	ND
1,2-Dichlorobenzene		50	mg/kg	21	ND	1,1,2,2-Tetrachloroethane		70.9	mg/kg	0.45	ND
1,2-Diphenylhydrazine		50	mg/kg	21	ND	1,1,2-Trichloroethane		70.9	mg/kg	0.45	ND
1,3-Dichlorobenzene		50	mg/kg	21	ND	1,1-Dichloroethane		70.9	mg/kg	0.45	ND
1,4-Dichlorobenzene		50	mg/kg	21	ND	1,1-Dichloroethene		70.9	mg/kg	0.45	ND
2,4,5-Trichlorophenol		50	mg/kg	21	ND	1,2-Dichloroethane		70.9	mg/kg	0.45	ND
2,4,6-Trichlorophenol		50	mg/kg	21	ND	1,2-Dichloropropane		70.9	mg/kg	0.45	ND
2,4-Dichlorophenol		50	mg/kg	21	ND	2-Butanone		70.9	mg/kg	0.45	ND
2,4-Dimethylphenol		50	mg/kg	21	ND	2-Chloroethylvinylether		70.9	mg/kg	0.45	ND
2,4-Dinitrophenol		50	mg/kg	110	ND	2-Hexanone		70.9	mg/kg	0.90	ND
2,4-Dinitrotoluene		50	mg/kg	21	ND	4-Methyl-2-Pentanone		70.9	mg/kg	0.45	ND
2,6-Dinitrotoluene		50	mg/kg	21	ND	Acetone		70.9	mg/kg	2.2	ND
2-Chloronaphthalene		50	mg/kg	21	ND	Acrolein		70.9	mg/kg	2.2	ND
2-Chlorophenol		50	mg/kg	21	ND	Acrylonitrile		70.9	mg/kg	0.45	ND
2-Methylnaphthalene		50	mg/kg	21	210	Benzene		70.9	mg/kg	0.090	0.34
2-Methylphenol		50	mg/kg	21	ND	Bromodichloromethane		70.9	mg/kg	0.45	ND
2-Nitroaniline		50	mg/kg	21	ND	Bromoform		70.9	mg/kg	0.45	ND
2-Nitrophenol		50	mg/kg	21	ND	Bromomethane		70.9	mg/kg	0.45	ND
3&4-Methylphenol		50	mg/kg	21	ND	Carbon disulfide		70.9	mg/kg	0.45	ND
3,3'-Dichlorobenzidine		50	mg/kg	21	ND	Carbon tetrachloride		70.9	mg/kg	0.45	ND
3-Nitroaniline		50	mg/kg	21	ND	Chlorobenzene		70.9	mg/kg	0.45	ND
4,6-Dinitro-2-methylphenol		50	mg/kg	53	ND	Chloroethane		70.9	mg/kg	0.45	ND
4-Bromophenyl-phenylether		50	mg/kg	21	ND	Chloroform		70.9	mg/kg	0.45	ND
4-Chloro-3-methylphenol		50	mg/kg	21	ND	Chloromethane		70.9	mg/kg	0.45	ND
4-Chloroaniline		50	mg/kg	21	ND	Cis-1,2-Dichloroethene		70.9	mg/kg	0.45	ND
4-Chlorophenyl-phenylether		50	mg/kg	21	ND	Cis-1,3-Dichloropropene		70.9	mg/kg	0.45	ND
4-Nitroaniline		50	mg/kg	21	ND	Dibromochloromethane		70.9	mg/kg	0.45	ND
4-Nitrophenol		50	mg/kg	21	ND	Ethylbenzene		70.9	mg/kg	0.090	18
Acenaphthene		50	mg/kg	21	11J	M&p-Xylenes		70.9	mg/kg	0.18	85
Acenaphthylene		50	mg/kg	21	ND	Methylene chloride		70.9	mg/kg	0.45	0.13J
Anthracene		50	mg/kg	21	3.2J	O-Xylene		70.9	mg/kg	0.090	41
Benzidine		50	mg/kg	53	ND	Styrene		70.9	mg/kg	0.45	10
Benzo[a]anthracene		50	mg/kg	21	ND	Tetrachloroethene		70.9	mg/kg	0.45	ND
Benzo[a]pyrene		50	mg/kg	21	ND	Toluene		70.9	mg/kg	0.090	5.8
Benzo[b]fluoranthene		50	mg/kg	21	ND	Trans-1,2-Dichloroethene		70.9	mg/kg	0.45	ND
Benzo[g,h,i]perylene		50	mg/kg	21	ND	Trans-1,3-Dichloropropene		70.9	mg/kg	0.45	ND
Benzo[k]fluoranthene		50	mg/kg	21	ND	Trichloroethene		70.9	mg/kg	0.45	ND
Bis(2-Chloroethoxy)methane		50	mg/kg	21	ND	Vinyl chloride		70.9	mg/kg	0.45	ND
Bis(2-Chloroethyl)Ether		50	mg/kg	21	ND						
Bis(2-Chloroisopropyl)ether		50	mg/kg	21	ND						
Bis(2-Ethylhexyl)phthalate		50	mg/kg	21	ND						
Butylbenzylphthalate		50	mg/kg	21	ND						
Carbazole		50	mg/kg	21	ND						
Chrysene		50	mg/kg	21	ND						
Dibenzo[a,h]Anthracene		50	mg/kg	21	ND						
Dibenzofuran		50	mg/kg	21	7.8J						
Diethylphthalate		50	mg/kg	21	ND						
Dimethylphthalate		50	mg/kg	21	ND						
Di-n-butylphthalate		50	mg/kg	21	ND						
Di-n-octylphthalate		50	mg/kg	21	ND						
Fluoranthene		50	mg/kg	21	5.0J						
Fluorene		50	mg/kg	21	14J						
Hexachlorobenzene		50	mg/kg	21	ND						
Hexachlorobutadiene		50	mg/kg	21	ND						
Hexachlorocyclopentadiene		50	mg/kg	21	ND						
Hexachloroethane		50	mg/kg	21	ND						
Indeno[1,2,3-cd]pyrene		50	mg/kg	21	ND						
Isophorone		50	mg/kg	21	ND						
Naphthalene		50	mg/kg	21	140						
Nitrobenzene		50	mg/kg	21	ND						
N-Nitrosodimethylamine		50	mg/kg	21	ND						
N-Nitroso-Di-N-Propylamine		50	mg/kg	21	ND						
N-Nitrosodiphenylamine		50	mg/kg	21	ND						
Pentachlorophenol		50	mg/kg	53	ND						
Phenanthrene		50	mg/kg	21	29						
Phenol		50	mg/kg	21	ND						
Pyrene		50	mg/kg	21	4.9J						

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23801-015	SS-13D 19502000	6/1/2006			AC23801-015	SS-13D 19502000	6/1/2006		
% Solids SM2540G					**Semivolatile Organics + 25 (8270)**				
% Solids	1	percent		81	1,2,4-Trichlorobenzene	1	mg/kg	0.41	ND
					1,2-Dichlorobenzene	1	mg/kg	0.41	ND
					1,2-Diphenylhydrazine	1	mg/kg	0.41	ND
					1,3-Dichlorobenzene	1	mg/kg	0.41	ND
					1,4-Dichlorobenzene	1	mg/kg	0.41	ND
					2,4,5-Trichlorophenol	1	mg/kg	0.41	ND
					2,4,6-Trichlorophenol	1	mg/kg	0.41	ND
					2,4-Dichlorophenol	1	mg/kg	0.41	ND
					2,4-Dimethylphenol	1	mg/kg	0.41	0.099J
					2,4-Dinitrophenol	1	mg/kg	2.1	ND
					2,4-Dinitrotoluene	1	mg/kg	0.41	ND
					2,6-Dinitrotoluene	1	mg/kg	0.41	ND
					2-Chloronaphthalene	1	mg/kg	0.41	ND
					2-Chlorophenol	1	mg/kg	0.41	ND
					2-Methylnaphthalene	1	mg/kg	0.41	0.39J
					2-Methylphenol	1	mg/kg	0.41	ND
					2-Nitroaniline	1	mg/kg	0.41	ND
					2-Nitrophenol	1	mg/kg	0.41	ND
					3&4-Methylphenol	1	mg/kg	0.41	0.064J
					3,3'-Dichlorobenzidine	1	mg/kg	0.41	ND
					3-Nitroaniline	1	mg/kg	0.41	ND
					4,6-Dinitro-2-methylphenol	1	mg/kg	1.0	ND
					4-Bromophenyl-phenylether	1	mg/kg	0.41	ND
					4-Chloro-3-methylphenol	1	mg/kg	0.41	ND
					4-Chloroaniline	1	mg/kg	0.41	ND
					4-Chlorophenyl-phenylether	1	mg/kg	0.41	ND
					4-Nitroaniline	1	mg/kg	0.41	ND
					4-Nitrophenol	1	mg/kg	0.41	ND
					Acenaphthene	1	mg/kg	0.41	0.056J
					Acenaphthylene	1	mg/kg	0.41	ND
					Anthracene	1	mg/kg	0.41	ND
					Benzidine	1	mg/kg	1.0	ND
					Benzo[a]anthracene	1	mg/kg	0.41	ND
					Benzo[a]pyrene	1	mg/kg	0.41	ND
					Benzo[b]fluoranthene	1	mg/kg	0.41	ND
					Benzo[g,h,i]perylene	1	mg/kg	0.41	ND
					Benzo[k]fluoranthene	1	mg/kg	0.41	ND
					Bis(2-Chloroethoxy)methane	1	mg/kg	0.41	ND
					Bis(2-Chloroethyl)Ether	1	mg/kg	0.41	ND
					Bis(2-Chloroisopropyl)ether	1	mg/kg	0.41	ND
					Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.41	0.41J
					Butylbenzylphthalate	1	mg/kg	0.41	ND
					Carbazole	1	mg/kg	0.41	ND
					Chrysene	1	mg/kg	0.41	ND
					Dibenzo[a,h]Anthracene	1	mg/kg	0.41	ND
					Dibenzofuran	1	mg/kg	0.41	0.044J
					Diethylphthalate	1	mg/kg	0.41	ND
					Dimethylphthalate	1	mg/kg	0.41	ND
					Di-n-butylphthalate	1	mg/kg	0.41	ND
					Di-n-octylphthalate	1	mg/kg	0.41	0.049J
					Fluoranthene	1	mg/kg	0.41	ND
					Fluorene	1	mg/kg	0.41	0.045J
					Hexachlorobenzene	1	mg/kg	0.41	ND
					Hexachlorobutadiene	1	mg/kg	0.41	ND
					Hexachlorocyclopentadiene	1	mg/kg	0.41	ND
					Hexachloroethane	1	mg/kg	0.41	ND
					Indeno[1,2,3-cd]pyrene	1	mg/kg	0.41	ND
					Isophorone	1	mg/kg	0.41	ND
					Naphthalene	1	mg/kg	0.41	0.49
					Nitrobenzene	1	mg/kg	0.41	ND
					N-Nitrosodimethylamine	1	mg/kg	0.41	ND
					N-Nitroso-Di-N-Propylamine	1	mg/kg	0.41	ND
					N-Nitrosodiphanylamine	1	mg/kg	0.41	ND
					Pentachlorophenol	1	mg/kg	1.0	ND
					Phenanthrene	1	mg/kg	0.41	0.049J
					Phenol	1	mg/kg	0.41	ND
					Pyrene	1	mg/kg	0.41	ND

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte		DF	Units	RL	Result	TestGroup/Analyte		DF	Units	RL	Result
AC23801-015	SS-13D 19502000		6/1/2006								
Volatile Organics + 10 (8260)											
1,1,1-Trichloroethane		95.6	mg/kg	0.59	ND						
1,1,2,2-Tetrachloroethane		95.6	mg/kg	0.59	ND						
1,1,2-Trichloroethane		95.6	mg/kg	0.59	ND						
1,1-Dichloroethane		95.6	mg/kg	0.59	ND						
1,1-Dichloroethene		95.6	mg/kg	0.59	ND						
1,2-Dichloroethane		95.6	mg/kg	0.59	ND						
1,2-Dichloropropane		95.6	mg/kg	0.59	ND						
2-Butanone		95.6	mg/kg	0.59	ND						
2-Chloroethylvinylether		95.6	mg/kg	0.59	ND						
2-Hexanone		95.6	mg/kg	1.2	ND						
4-Methyl-2-Pentanone		95.6	mg/kg	0.59	ND						
Acetone		95.6	mg/kg	3.0	ND						
Acrolein		95.6	mg/kg	3.0	ND						
Acrylonitrile		95.6	mg/kg	0.59	ND						
Benzene		95.6	mg/kg	0.12	ND						
Bromodichloromethane		95.6	mg/kg	0.59	ND						
Bromoform		95.6	mg/kg	0.59	ND						
Bromomethane		95.6	mg/kg	0.59	ND						
Carbon disulfide		95.6	mg/kg	0.59	ND						
Carbon tetrachloride		95.6	mg/kg	0.59	ND						
Chlorobenzene		95.6	mg/kg	0.59	ND						
Chloroethane		95.6	mg/kg	0.59	ND						
Chloroform		95.6	mg/kg	0.59	ND						
Chloromethane		95.6	mg/kg	0.59	ND						
Cis-1,2-Dichloroethene		95.6	mg/kg	0.59	ND						
Cis-1,3-Dichloropropene		95.6	mg/kg	0.59	ND						
Dibromochloromethane		95.6	mg/kg	0.59	ND						
Ethylbenzene		95.6	mg/kg	0.12	ND						
M&p-Xylenes		95.6	mg/kg	0.24	ND						
Methylene chloride		95.6	mg/kg	0.59	0.19J						
O-Xylene		95.6	mg/kg	0.12	ND						
Styrene		95.6	mg/kg	0.59	ND						
Tetrachloroethene		95.6	mg/kg	0.59	ND						
Toluene		95.6	mg/kg	0.12	ND						
Trans-1,2-Dichloroethene		95.6	mg/kg	0.59	ND						
Trans-1,3-Dichloropropene		95.6	mg/kg	0.59	ND						
Trichloroethene		95.6	mg/kg	0.59	ND						
Vinyl chloride		95.6	mg/kg	0.59	ND						

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M23055.D
Analysis Date: 06/05/06 10:10
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.62	U	56-23-5	Carbon Tetrachloride	0.62	U
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	108-90-7	Chlorobenzene	0.62	U
79-00-5	1,1,2-Trichloroethane	0.62	U	75-00-3	Chloroethane	0.62	U
75-34-3	1,1-Dichloroethane	0.62	U	67-66-3	Chloroform	0.62	U
75-35-4	1,1-Dichloroethene	0.62	U	74-87-3	Chloromethane	0.62	U
107-06-2	1,2-Dichloroethane	0.62	U	156-59-2	cis-1,2-Dichloroethene	0.62	U
78-87-5	1,2-Dichloropropane	0.62	U	10061-01-5	cis-1,3-Dichloropropene	0.62	U
78-93-3	2-Butanone	0.62	U	124-48-1	Dibromochloromethane	0.62	U
110-75-8	2-Chloroethylvinylether	0.62	U	100-41-4	Ethylbenzene	0.12	U
591-78-6	2-Hexanone	1.2	U	1330-20-7	m&p-Xylenes	0.25	U
108-10-1	4-Methyl-2-Pentanone	0.62	U	75-09-2	Methylene Chloride	0.62	U
67-64-1	Acetone	3.1	U	95-47-6	o-Xylene	0.12	U
107-02-8	Acrolein	3.1	U	100-42-5	Styrene	0.62	U
107-13-1	Acrylonitrile	0.62	U	127-18-4	Tetrachloroethene	0.62	U
71-43-2	Benzene	0.12	U	108-88-3	Toluene	0.12	U
75-27-4	Bromodichloromethane	0.62	U	156-60-5	trans-1,2-Dichloroethene	0.62	U
75-25-2	Bromoform	0.62	U	10061-02-6	trans-1,3-Dichloropropene	0.62	U
74-83-9	Bromomethane	0.62	U	79-01-6	Trichloroethene	0.62	U
75-15-0	Carbon Disulfide	0.62	U	75-01-4	Vinyl Chloride	0.62	U

Worksheet #: 28606

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 3M23055.D
Analysis Date: 06/05/06 10:10
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 28606

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23055.D Vial: 5
Acq On : 5 Jun 2006 10:10 Operator: DB
Sample : DAILY BLANK Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 5 16:26 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	360615	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	259226	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.87	152	136292	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.47	111	111350	28.57	ug/l	0.01
Spiked Amount 30.000			Recovery = 95.23%			
28) 1,2-Dichloroethane-d4	6.87	67	70305	27.71	ug/l	0.01
Spiked Amount 30.000			Recovery = 92.37%			
50) Toluene-d8	8.84	100	223948	28.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.90%			
58) Bromofluorobenzene	11.01	174	108545	28.12	ug/l	0.01
Spiked Amount 30.000			Recovery = 93.73%			

Target Compounds Qvalue

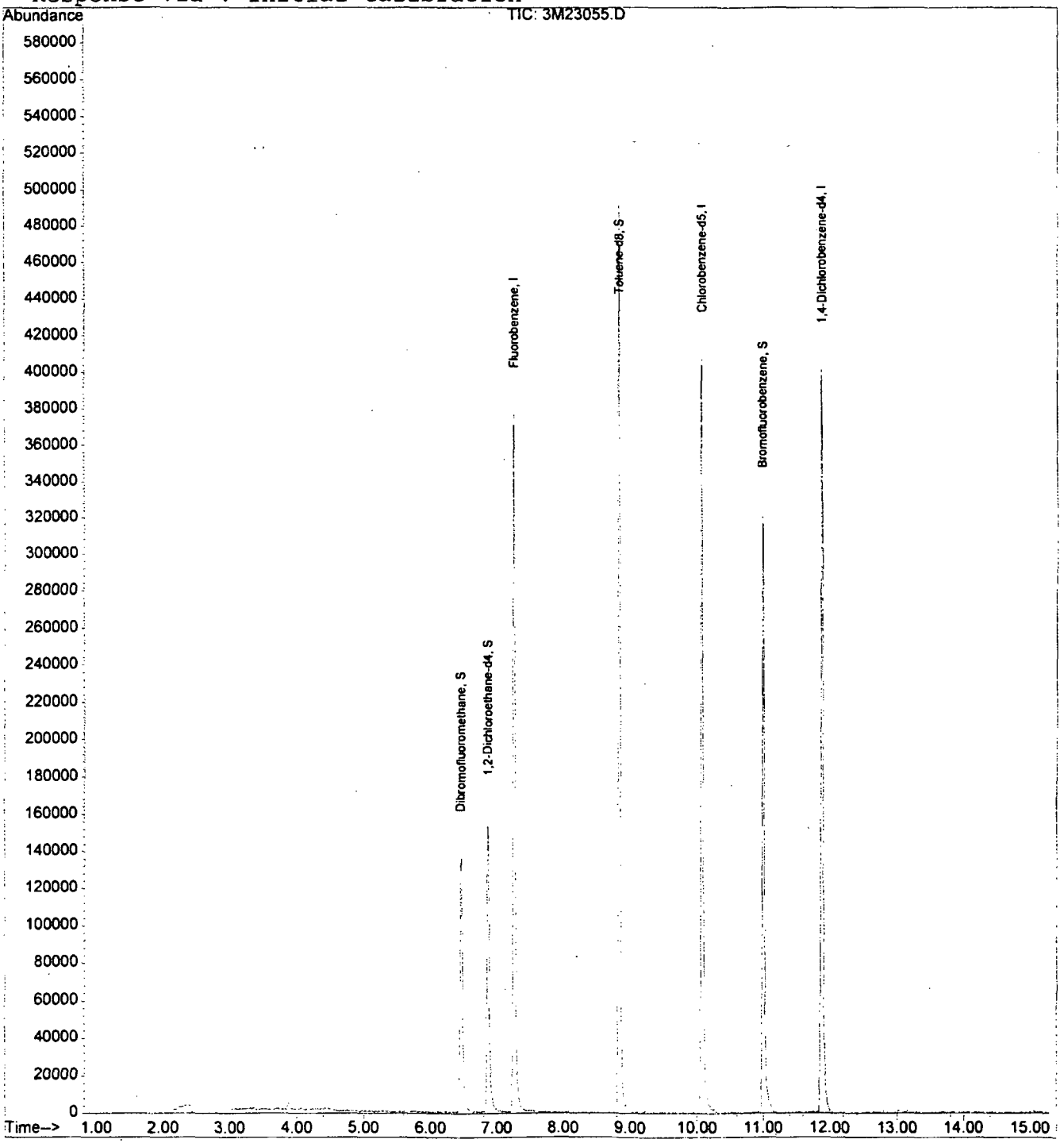
6/6/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23055.D Vial: 5
Acq On : 5 Jun 2006 10:10 Operator: DB
Sample : DAILY BLANK Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 5 16:26 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M06263.D
Analysis Date: 06/06/06 10:25
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.62	U	56-23-5	Carbon Tetrachloride	0.62	U
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	108-90-7	Chlorobenzene	0.62	U
79-00-5	1,1,2-Trichloroethane	0.62	U	75-00-3	Chloroethane	0.62	U
75-34-3	1,1-Dichloroethane	0.62	U	67-66-3	Chloroform	0.62	U
75-35-4	1,1-Dichloroethene	0.62	U	74-87-3	Chloromethane	0.62	U
107-06-2	1,2-Dichloroethane	0.62	U	156-59-2	cis-1,2-Dichloroethene	0.62	U
78-87-5	1,2-Dichloropropane	0.62	U	10061-01-5	cis-1,3-Dichloropropene	0.62	U
78-93-3	2-Butanone	0.62	U	124-48-1	Dibromochloromethane	0.62	U
110-75-8	2-Chloroethylvinylether	0.62	U	100-41-4	Ethylbenzene	0.12	U
591-78-6	2-Hexanone	0.62	U	1330-20-7	m&p-Xylenes	0.25	U
108-10-1	4-Methyl-2-Pentanone	0.62	U	75-09-2	Methylene Chloride	0.62	U
67-64-1	Acetone	3.1	U	95-47-6	o-Xylene	0.12	U
107-02-8	Acrolein	3.1	U	100-42-5	Styrene	0.62	U
107-13-1	Acrylonitrile	0.62	U	127-18-4	Tetrachloroethene	0.62	U
71-43-2	Benzene	0.12	U	108-88-3	Toluene	0.12	U
75-27-4	Bromodichloromethane	0.62	U	156-60-5	trans-1,2-Dichloroethene	0.62	U
75-25-2	Bromoform	0.62	U	10061-02-6	trans-1,3-Dichloropropene	0.62	U
74-83-9	Bromomethane	0.62	U	79-01-6	Trichloroethene	0.62	U
75-15-0	Carbon Disulfide	0.62	U	75-01-4	Vinyl Chloride	0.62	U

Worksheet #: 28606

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 6M06263.D
Analysis Date: 06/06/06 10:25
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 28606

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

0036

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_6\Data\06-06-06\6M06263.D Vial: 5
Acq On : 6 Jun 2006 10:25 Operator: DB
Sample : DAILY BLANK Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:39 2006 Quant Results File: 6M_A0601.RES

Quant Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:54:02 2006
Response via : Initial Calibration
DataAcq Meth : 6M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.09	96	286918	30.00	ug/l	0.00
39) Chlorobenzene-d5	9.93	117	199400	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.72	152	93316	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.26	111	77889	27.83	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.77%		
28) 1,2-Dichloroethane-d4	6.69	67	54379	28.70	ug/l	0.01
Spiked Amount 30.000			Recovery =	95.67%		
50) Toluene-d8	8.70	100	183300	30.70	ug/l	0.01
Spiked Amount 30.000			Recovery =	102.33%		
58) Bromofluorobenzene	10.86	174	71750	29.88	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.60%		

Target Compounds Qvalue

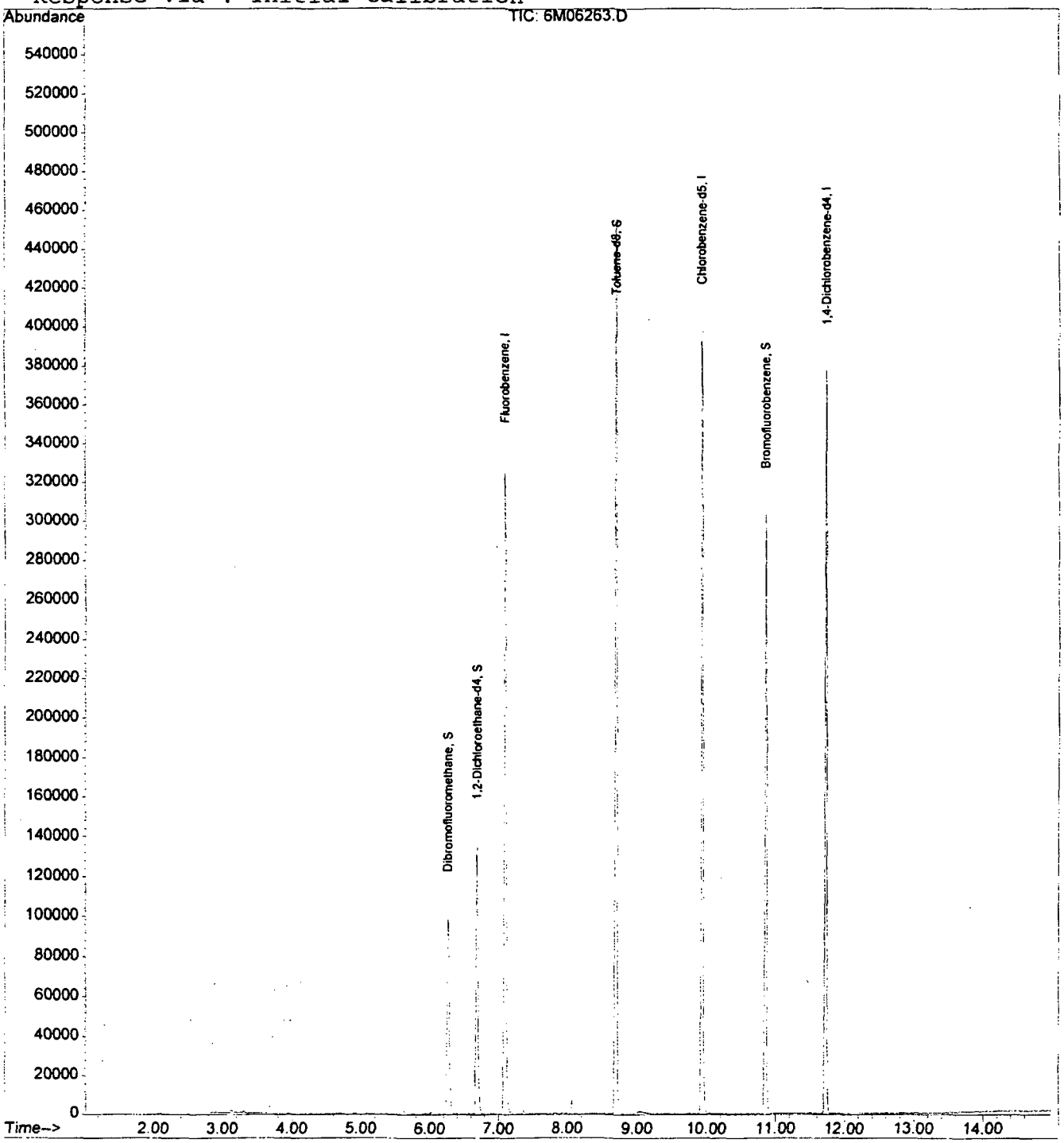
11666

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_6\Data\06-06-06\6M06263.D Vial: 5
Acq On : 6 Jun 2006 10:25 Operator: DB
Sample : DAILY BLANK Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:39 2006 Quant Results File: 6M_A0601.RES

Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:56:14 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23801-012
Client Id: SS-13D 06000800
Data File: 3M23058.D
Analysis Date: 06/05/06 11:26
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 5.61g:10ml
Final Vol: NA
Dilution: 89.1
Solids: 87

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.51	U	56-23-5	Carbon Tetrachloride	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	**108-90-7**	**Chlorobenzene**	**0.51**	**0.40 J**
79-00-5	1,1,2-Trichloroethane	0.51	U	75-00-3	Chloroethane	0.51	U
75-34-3	1,1-Dichloroethane	0.51	U	67-66-3	Chloroform	0.51	U
75-35-4	1,1-Dichloroethene	0.51	U	74-87-3	Chloromethane	0.51	U
107-06-2	1,2-Dichloroethane	0.51	U	**156-59-2**	***cis*-1,2-Dichloroethene**	**0.51**	**0.29 J**
78-87-5	1,2-Dichloropropane	0.51	U	10061-01-5	cis-1,3-Dichloropropene	0.51	U
78-93-3	2-Butanone	0.51	U	124-48-1	Dibromochloromethane	0.51	U
110-75-8	2-Chloroethylvinylether	0.51	U	**100-41-4**	**Ethylbenzene**	**0.10**	**1.9**
591-78-6	2-Hexanone	1.0	U	**1330-20-7**	**m&p-Xylenes**	**0.20**	**5.1**
108-10-1	4-Methyl-2-Pentanone	0.51	U	**75-09-2**	**Methylene Chloride**	**0.51**	**0.22 J**
67-64-1	Acetone	2.6	U	**95-47-6**	***o*-Xylene**	**0.10**	**3.0**
107-02-8	Acrolein	2.6	U	100-42-5	Styrene	0.51	U
107-13-1	Acrylonitrile	0.51	U	**127-18-4**	**Tetrachloroethene**	**0.51**	**1.1**
71-43-2	**Benzene**	**0.10**	**0.15**	**108-88-3**	**Toluene**	**0.10**	**0.56**
75-27-4	Bromodichloromethane	0.51	U	156-60-5	trans-1,2-Dichloroethene	0.51	U
75-25-2	Bromoform	0.51	U	10061-02-6	trans-1,3-Dichloropropene	0.51	U
74-83-9	Bromomethane	0.51	U	**79-01-6**	**Trichloroethene**	**0.51**	**0.18 J**
75-15-0	Carbon Disulfide	0.51	U	75-01-4	Vinyl Chloride	0.51	U

Worksheet #: 28606

Total Target Concentration 12.9

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-012
Client Id: SS-13D 06000800
Data File: 3M23058.D
Analysis Date: 06/05/06 11:26
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 5.61g:10ml
Final Vol: NA
Dilution: 89.1
Solids: 87

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	10.78	4.3 J
2		unknown	10.95	4.1 J
3	6004-24-6	Pyridinium, 1-hexadecyl-, chloride, mon	11.29	11 J
4	2847-72-5	Decane, 4-methyl-	11.51	3.1 J
5	526-73-8	Benzene, 1,2,3-trimethyl-	11.60	4.9 J
6	17301-32-5	Undecane, 4,7-dimethyl-	11.75	6.8 J
7	1074-43-7	Benzene, 1-methyl-3-propyl-	12.06	2.2 J
8	2461-18-9	Oxirane, [(dodecyloxy)methyl]-	12.16	5.3 J
9	25155-15-1	Benzene, methyl(1-methylethyl)-	12.35	3.2 J
10	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.41	2.2 J

Worksheet #: 28606

Total Tentatively Identified Concentration 47.1

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23058.D Vial: 8
Acq On : 5 Jun 2006 11:26 Operator: DB
Sample : AC23801-012 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:37 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	356285	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	268721	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.88	152	144250	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.47	111	108918	28.28	ug/l	0.01
Spiked Amount 30.000			Recovery = 94.27%			
28) 1,2-Dichloroethane-d4	6.87	67	71425	28.49	ug/l	0.01
Spiked Amount 30.000			Recovery = 94.97%			
50) Toluene-d8	8.84	100	229840	28.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.97%			
58) Bromofluorobenzene	11.01	174	112183	27.46	ug/l	0.01
Spiked Amount 30.000			Recovery = 91.53%			
Target Compounds						Qvalue
8) Methylene Chloride	3.89	84	7816	2.13	ug/l	78
21) cis-1,2-Dichloroethene	5.80	61	18673	2.79	ug/l	78
37) Trichloroethene	7.67	130	6317	1.79	ug/l	92
38) Benzene	6.94	78	19313	1.45	ug/l	100
49) Tetrachloroethene	9.40	164	27932	11.20	ug/l	95
51) Toluene	8.91	92	44951	5.43	ug/l	97
53) Chlorobenzene	10.11	112	35025	3.92	ug/l	94
56) Ethylbenzene	10.19	106	41840	18.96	ug/l	84
60) m&p-Xylenes	10.28	106	261789	49.56	ug/l	92
61) o-Xylene	10.59	106	157716	29.30	ug/l	92

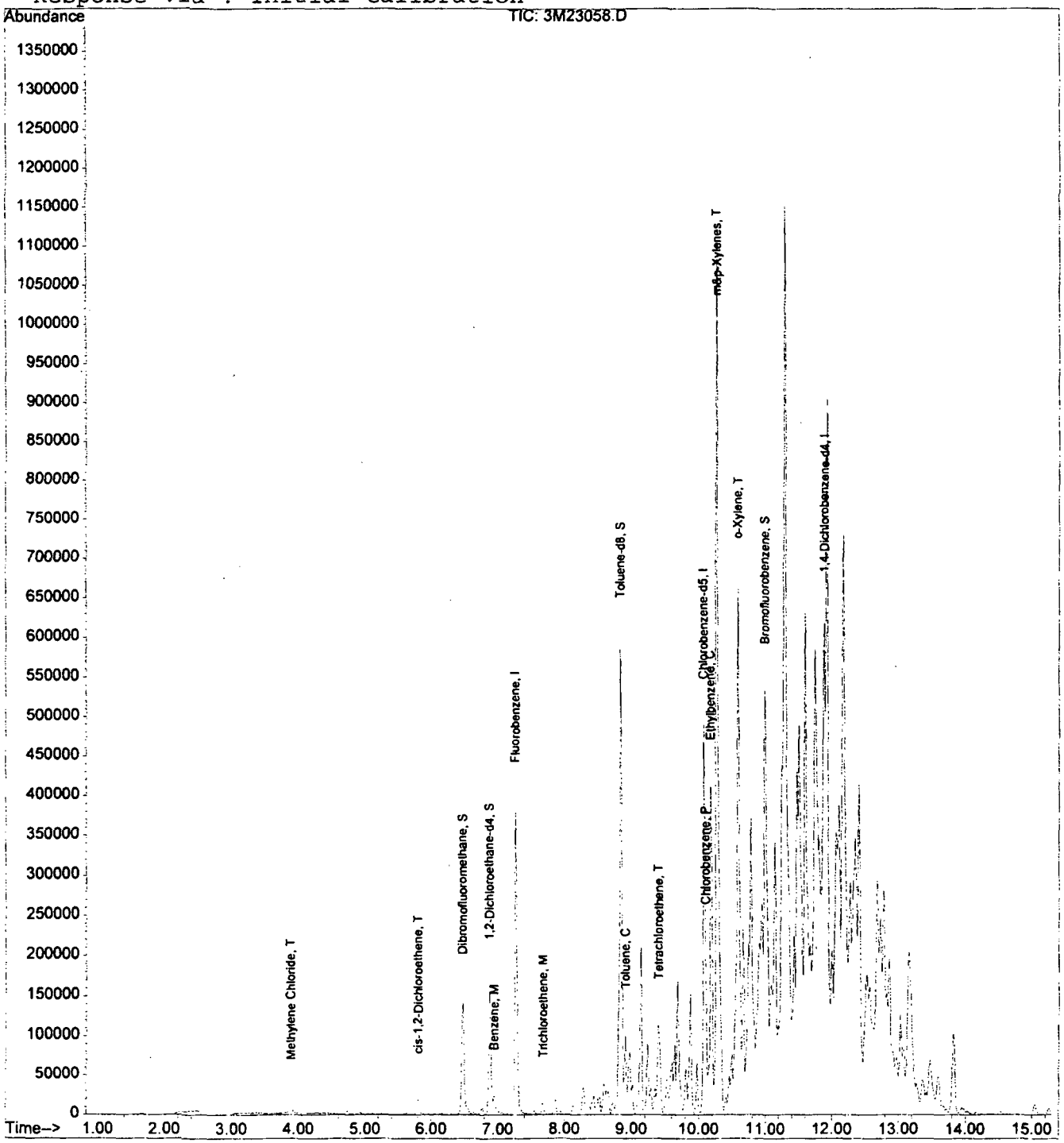
6/6/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23058.D Vial: 8
Acq On : 5 Jun 2006 11:26 Operator: DB
Sample : AC23801-012 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:37 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23801-013
Client Id: SS-13D 04000600
Data File: 6M06264.D
Analysis Date: 06/06/06 10:50
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 6.09g:10ml
Final Vol: NA
Dilution: 82.1
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.49	U	56-23-5	Carbon Tetrachloride	0.49	U
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	**108-90-7**	**Chlorobenzene**	**0.49**	**0.18 J**
79-00-5	1,1,2-Trichloroethane	0.49	U	75-00-3	Chloroethane	0.49	U
75-34-3	1,1-Dichloroethane	0.49	U	67-66-3	Chloroform	0.49	U
75-35-4	1,1-Dichloroethene	0.49	U	74-87-3	Chloromethane	0.49	U
107-06-2	1,2-Dichloroethane	0.49	U	**156-59-2**	**cis-1,2-Dichloroethene**	**0.49**	**0.29 J**
78-87-5	1,2-Dichloropropane	0.49	U	10061-01-5	cis-1,3-Dichloropropene	0.49	U
78-93-3	2-Butanone	0.49	U	124-48-1	Dibromochloromethane	0.49	U
110-75-8	2-Chloroethylvinylether	0.49	U	**100-41-4**	**Ethylbenzene**	**0.098**	**0.37**
591-78-6	2-Hexanone	0.49	U	**1330-20-7**	**m&p-Xylenes**	**0.20**	**0.38**
108-10-1	4-Methyl-2-Pentanone	0.49	U	**75-09-2**	**Methylene Chloride**	**0.49**	**0.53**
67-64-1	Acetone	2.4	U	**95-47-6**	**o-Xylene**	**0.098**	**0.31**
107-02-8	Acrolein	2.4	U	100-42-5	Styrene	0.49	U
107-13-1	Acrylonitrile	0.49	U	**127-18-4**	**Tetrachloroethene**	**0.49**	**0.61**
71-43-2	Benzene	0.098	U	**108-88-3**	**Toluene**	**0.098**	**0.23**
75-27-4	Bromodichloromethane	0.49	U	156-60-5	trans-1,2-Dichloroethene	0.49	U
75-25-2	Bromoform	0.49	U	10061-02-6	trans-1,3-Dichloropropene	0.49	U
74-83-9	Bromomethane	0.49	U	**79-01-6**	**Trichloroethene**	**0.49**	**0.15 J**
75-15-0	Carbon Disulfide	0.49	U	75-01-4	Vinyl Chloride	0.49	U

Worksheet #: 28606

Total Target Concentration 3.05

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-013
Client Id: SS-13D 04000600
Data File: 6M06264.D
Analysis Date: 06/06/06 10:50
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 6.09g:10ml
Final Vol: NA
Dilution: 82.1
Solids: 84

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 28606

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_6\Data\06-06-06\6M06264.D Vial: 6
Acq On : 6 Jun 2006 10:50 Operator: DB
Sample : AC23801-013 Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:38 2006 Quant Results File: 6M_A0601.RES

Quant Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:54:02 2006
Response via : Initial Calibration
DataAcq Meth : 6M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.09	96	289191	30.00	ug/l	0.00
39) Chlorobenzene-d5	9.93	117	205625	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.72	152	100150	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.26	111	76572	27.14	ug/l	0.00
Spiked Amount 30.000			Recovery = 90.47%			
28) 1,2-Dichloroethane-d4	6.69	67	55138	28.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.27%			
50) Toluene-d8	8.70	100	190107	30.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.90%			
58) Bromofluorobenzene	10.86	174	72292	28.05	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.50%			
Target Compounds						Qvalue
8) Methylene Chloride	3.68	84	12529	5.42	ug/l	75
21) cis-1,2-Dichloroethene	5.57	61	11060	2.97	ug/l	83
37) Trichloroethene	7.51	130	3039	1.50	ug/l	83
49) Tetrachloroethene	9.25	164	9265	6.21	ug/l	95
51) Toluene	8.76	92	11791	2.34	ug/l	85
53) Chlorobenzene	9.96	112	10260	1.82	ug/l	93
56) Ethylbenzene	10.04	106	6397	3.81	ug/l	98
60) m&p-Xylenes	10.14	106	12524	3.89	ug/l	79
61) o-Xylene	10.45	106	9997	3.17	ug/l	94

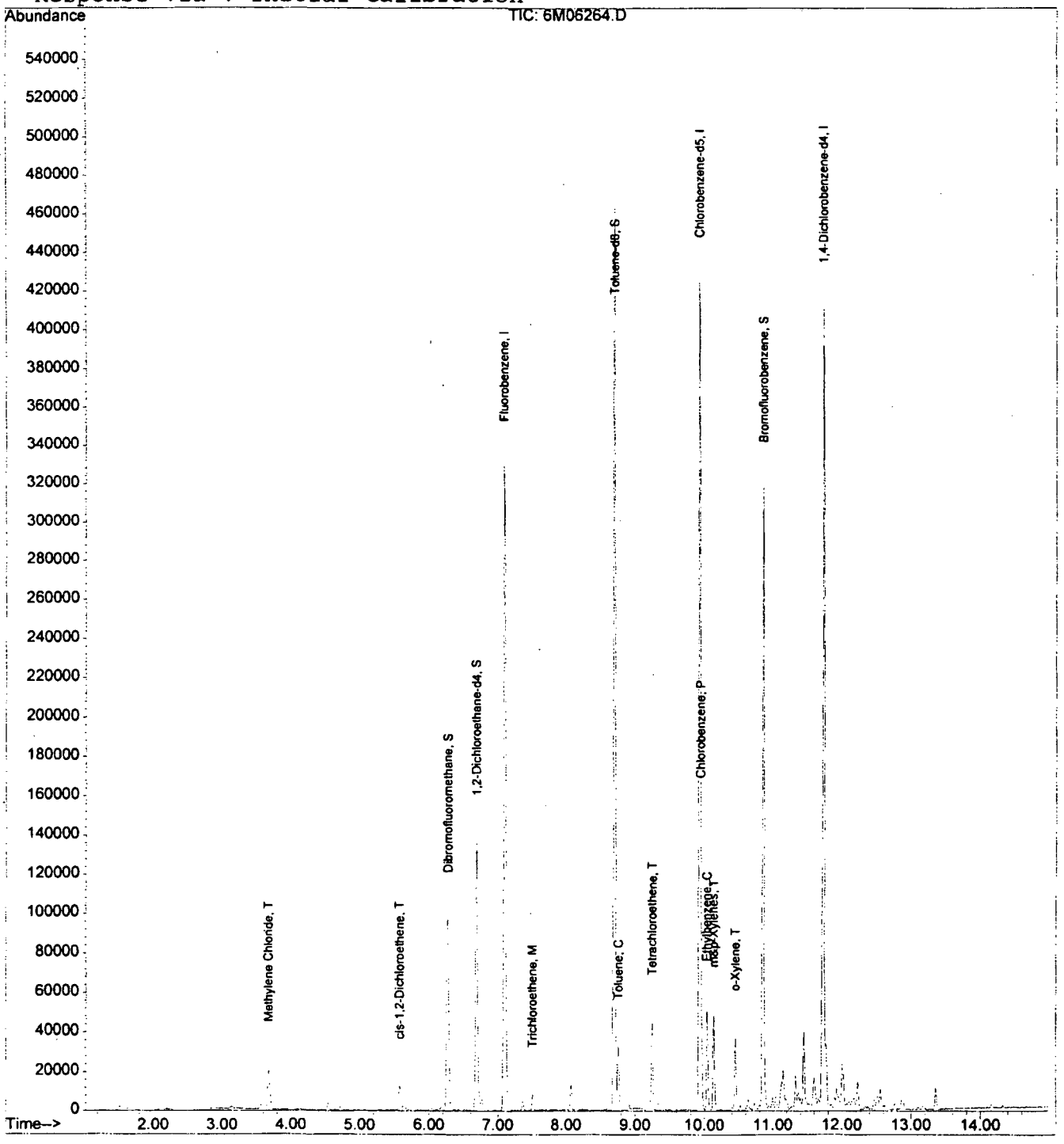
11666

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_6\Data\06-06-06\6M06264.D Vial: 6
Acq On : 6 Jun 2006 10:50 Operator: DB
Sample : AC23801-013 Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:38 2006 Quant Results File: 6M_A0601.RES

Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:56:14 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23801-014
Client Id: SS-13D 14001450
Data File: 3M23063.D
Analysis Date: 06/05/06 13:31
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 7.05g:10ml
Final Vol: NA
Dilution: 70.9
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.45	U	56-23-5	Carbon Tetrachloride	0.45	U
79-34-5	1,1,2,2-Tetrachloroethane	0.45	U	108-90-7	Chlorobenzene	0.45	U
79-00-5	1,1,2-Trichloroethane	0.45	U	75-00-3	Chloroethane	0.45	U
75-34-3	1,1-Dichloroethane	0.45	U	67-66-3	Chloroform	0.45	U
75-35-4	1,1-Dichloroethene	0.45	U	74-87-3	Chloromethane	0.45	U
107-06-2	1,2-Dichloroethane	0.45	U	156-59-2	cis-1,2-Dichloroethene	0.45	U
78-87-5	1,2-Dichloropropane	0.45	U	10061-01-5	cis-1,3-Dichloropropene	0.45	U
78-93-3	2-Butanone	0.45	U	124-48-1	Dibromochloromethane	0.45	U
110-75-8	2-Chloroethylvinylether	0.45	U	**100-41-4**	**Ethylbenzene**	**0.090**	**18**
591-78-6	2-Hexanone	0.90	U	**1330-20-7**	**m&p-Xylenes**	**0.18**	**85**
108-10-1	4-Methyl-2-Pentanone	0.45	U	**75-09-2**	**Methylene Chloride**	**0.45**	**0.13 J**
67-64-1	Acetone	2.2	U	**95-47-6**	**o-Xylene**	**0.090**	**41**
107-02-8	Acrolein	2.2	U	**100-42-5**	**Styrene**	**0.45**	**10**
107-13-1	Acrylonitrile	0.45	U	127-18-4	Tetrachloroethene	0.45	U
71-43-2	**Benzene**	**0.090**	**0.34**	**108-88-3**	**Toluene**	**0.090**	**5.8**
75-27-4	Bromodichloromethane	0.45	U	156-60-5	trans-1,2-Dichloroethene	0.45	U
75-25-2	Bromoform	0.45	U	10061-02-6	trans-1,3-Dichloropropene	0.45	U
74-83-9	Bromomethane	0.45	U	79-01-6	Trichloroethene	0.45	U
75-15-0	Carbon Disulfide	0.45	U	75-01-4	Vinyl Chloride	0.45	U

Worksheet #: 28606

Total Target Concentration 160.27

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-014
Client Id: SS-13D 14001450
Data File: 3M23063.D
Analysis Date: 06/05/06 13:31
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 7.05g:10ml
Final Vol: NA
Dilution: 70.9
Solids: 79

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	111-65-9	Octane	9.02	3.4 J
2	98-82-8	Benzene, (1-methylethyl)-	10.88	4.8 J
3		unknown	10.93	2.7 J
4	611-14-3	Benzene, 1-ethyl-2-methyl-	11.25	3.8 J
5	108-67-8	Benzene, 1,3,5-trimethyl-	11.31	2.8 J
6	526-73-8	Benzene, 1,2,3-trimethyl-	11.60	5.3 J
7	873-49-4	Benzene, cyclopropyl-	12.10	4.5 J
8	95-13-6	1H-Indene	12.26	3.2 J
9	91-20-3	Naphthalene	13.83	15 J
10	90-12-0	Naphthalene, 1-methyl-	15.04	6.3 J

Worksheet #: 28606

Total Tentatively Identified Concentration 51.8

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23063.D Vial: 12
Acq On : 5 Jun 2006 13:31 Operator: DB
Sample : AC23801-014 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:38 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	274391	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	220722	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.89	152	116686	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.47	111	84560	28.51	ug/l	0.01
Spiked Amount 30.000			Recovery =	95.03%		
28) 1,2-Dichloroethane-d4	6.87	67	54400	28.17	ug/l	0.01
Spiked Amount 30.000			Recovery =	93.90%		
50) Toluene-d8	8.85	100	179261	27.05	ug/l	0.02
Spiked Amount 30.000			Recovery =	90.17%		
58) Bromofluorobenzene	11.01	174	95173	28.80	ug/l	0.01
Spiked Amount 30.000			Recovery =	96.00%		
Target Compounds						Qvalue
8) Methylene Chloride	3.89	84	4170m	1.47	ug/l	
38) Benzene	6.94	78	38372	3.74	ug/l	100
51) Toluene	8.90	92	440445	64.76	ug/l	100
56) Ethylbenzene	10.19	106	364608	204.23	ug/l	88
59) Styrene	10.60	104	875563	111.05	ug/l	86
60) m&p-Xylenes	10.28	106	4037766	945.04	ug/l	94
61) o-Xylene	10.59	106	1986549	456.26	ug/l	91

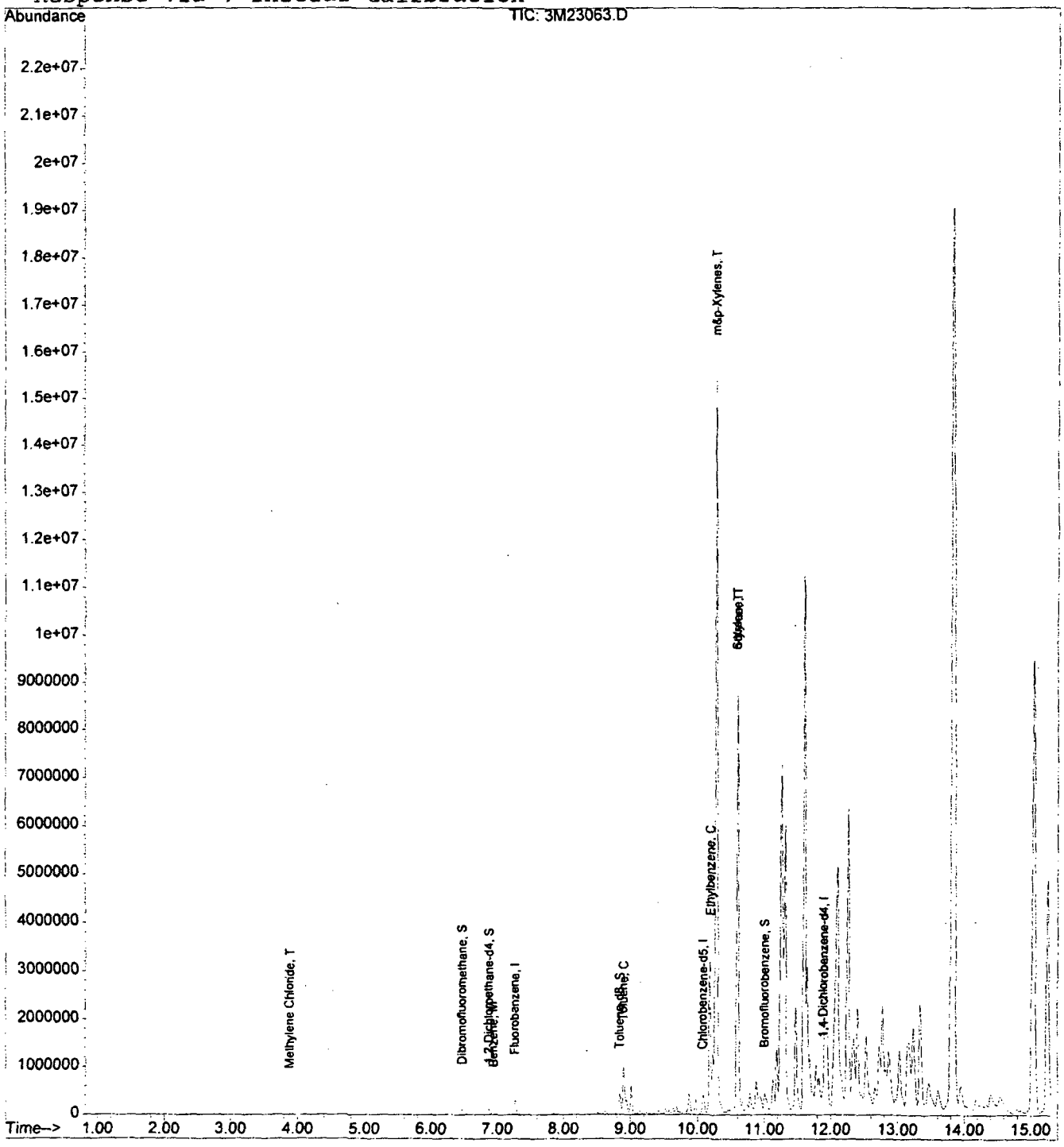
1h6666

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23063.D Vial: 12
Acq On : 5 Jun 2006 13:31 Operator: DB
Sample : AC23801-014 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:38 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23801-015
Client Id: SS-13D 19502000
Data File: 3M23060.D
Analysis Date: 06/05/06 12:15
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 5.23g:10ml
Final Vol: NA
Dilution: 95.6
Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.59	U	56-23-5	Carbon Tetrachloride	0.59	U
79-34-5	1,1,2,2-Tetrachloroethane	0.59	U	108-90-7	Chlorobenzene	0.59	U
79-00-5	1,1,2-Trichloroethane	0.59	U	75-00-3	Chloroethane	0.59	U
75-34-3	1,1-Dichloroethane	0.59	U	67-66-3	Chloroform	0.59	U
75-35-4	1,1-Dichloroethene	0.59	U	74-87-3	Chloromethane	0.59	U
107-06-2	1,2-Dichloroethane	0.59	U	156-59-2	cis-1,2-Dichloroethene	0.59	U
78-87-5	1,2-Dichloropropane	0.59	U	10061-01-5	cis-1,3-Dichloropropene	0.59	U
78-93-3	2-Butanone	0.59	U	124-48-1	Dibromochloromethane	0.59	U
110-75-8	2-Chloroethylvinylether	0.59	U	100-41-4	Ethylbenzene	0.12	U
591-78-6	2-Hexanone	1.2	U	1330-20-7	m&p-Xylenes	0.24	U
108-10-1	4-Methyl-2-Pentanone	0.59	U	**75-09-2**	**Methylene Chloride**	**0.59**	**0.19 J**
67-64-1	Acetone	3.0	U	95-47-6	o-Xylene	0.12	U
107-02-8	Acrolein	3.0	U	100-42-5	Styrene	0.59	U
107-13-1	Acrylonitrile	0.59	U	127-18-4	Tetrachloroethene	0.59	U
71-43-2	Benzene	0.12	U	108-88-3	Toluene	0.12	U
75-27-4	Bromodichloromethane	0.59	U	156-60-5	trans-1,2-Dichloroethene	0.59	U
75-25-2	Bromoform	0.59	U	10061-02-6	trans-1,3-Dichloropropene	0.59	U
74-83-9	Bromomethane	0.59	U	79-01-6	Trichloroethene	0.59	U
75-15-0	Carbon Disulfide	0.59	U	75-01-4	Vinyl Chloride	0.59	U

Worksheet #: 28606

Total Target Concentration 0.19

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-015
Client Id: SS-13D 19502000
Data File: 3M23060.D
Analysis Date: 06/05/06 12:15
Date Rec/Extracted: 06/01/06-NA

Matrix: Methanol
Extraction Ratio: 5.23g:10ml
Final Vol: NA
Dilution: 95.6
Solids: 81

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	91-20-3	Naphthalene	13.83	0.44 J

Worksheet #: 28606

Total Tentatively Identified Concentration 0.44

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23060.D Vial: 10
Acq On : 5 Jun 2006 12:15 Operator: DB
Sample : AC23801-015 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:37 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	341774	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	253653	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.88	152	134218	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.47	111	105221	28.48	ug/l	0.01
Spiked Amount 30.000			Recovery = 94.93%			
28) 1,2-Dichloroethane-d4	6.87	67	68085	28.31	ug/l	0.01
Spiked Amount 30.000			Recovery = 94.37%			
50) Toluene-d8	8.85	100	215171	28.25	ug/l	0.02
Spiked Amount 30.000			Recovery = 94.17%			
58) Bromofluorobenzene	11.01	174	105253	27.69	ug/l	0.01
Spiked Amount 30.000			Recovery = 92.30%			
Target Compounds						Qvalue
8) Methylene Chloride	3.89	84	5644	1.60	ug/l	94

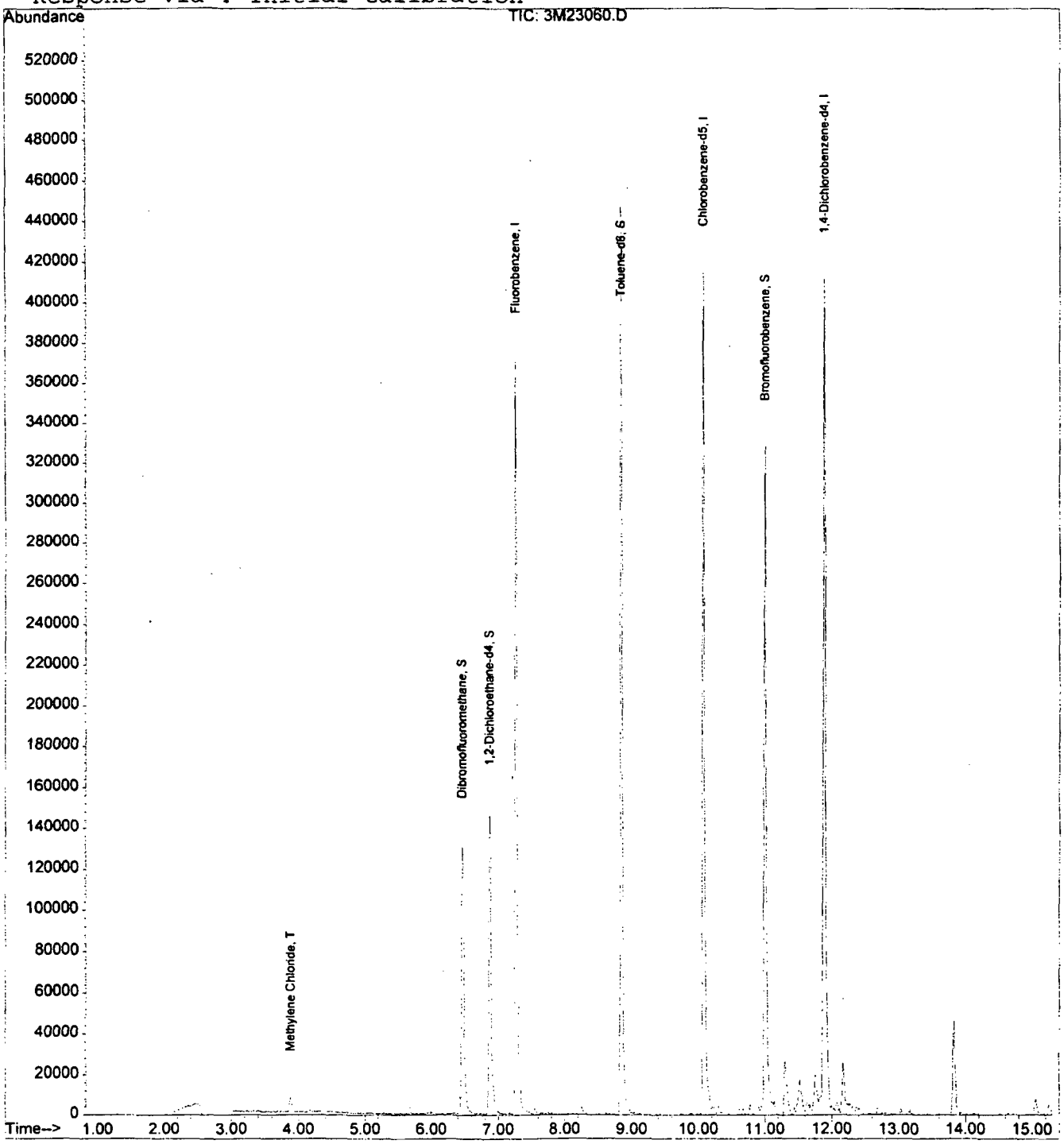
JH 6/6/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23060.D Vial: 10
Acq On : 5 Jun 2006 12:15 Operator: DB
Sample : AC23801-015 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 12:37 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2907
Client Id:
Data File: 7M18434.D
Analysis Date: 06/05/06 14:21
Date Rec/Extracted: NA-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.33	U	205-99-2	Benzo[b]fluoranthene	0.33	U
95-50-1	1,2-Dichlorobenzene	0.33	U	191-24-2	Benzo[g,h,i]perylene	0.33	U
122-66-7	1,2-Diphenylhydrazine	0.33	U	207-08-9	Benzo[k]fluoranthene	0.33	U
541-73-1	1,3-Dichlorobenzene	0.33	U	111-91-1	bis(2-Chloroethoxy)methan	0.33	U
106-46-7	1,4-Dichlorobenzene	0.33	U	111-44-4	bis(2-Chloroethyl)ether	0.33	U
95-95-4	2,4,5-Trichlorophenol	0.33	U	108-60-1	bis(2-chloroisopropyl)ether	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.33	U
120-83-2	2,4-Dichlorophenol	0.33	U	85-68-7	Butylbenzylphthalate	0.33	U
105-67-9	2,4-Dimethylphenol	0.33	U	86-74-8	Carbazole	0.33	U
51-28-5	2,4-Dinitrophenol	1.7	U	218-01-9	Chrysene	0.33	U
121-14-2	2,4-Dinitrotoluene	0.33	U	84-74-2	Di-n-butylphthalate	0.33	U
606-20-2	2,6-Dinitrotoluene	0.33	U	117-84-0	Di-n-octylphthalate	0.33	U
91-58-7	2-Chloronaphthalene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
95-57-8	2-Chlorophenol	0.33	U	132-64-9	Dibenzofuran	0.33	U
91-57-6	2-Methylnaphthalene	0.33	U	84-66-2	Diethylphthalate	0.33	U
95-48-7	2-Methylphenol	0.33	U	131-11-3	Dimethylphthalate	0.33	U
88-74-4	2-Nitroaniline	0.33	U	206-44-0	Fluoranthene	0.33	U
88-75-5	2-Nitrophenol	0.33	U	86-73-7	Fluorene	0.33	U
106-44-5	3&4-Methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.33	U
91-94-1	3,3'-Dichlorobenzidine	0.33	U	87-68-3	Hexachlorobutadiene	0.33	U
99-09-2	3-Nitroaniline	0.33	U	77-47-4	Hexachlorocyclopentadiene	0.33	U
534-52-1	4,6-Dinitro-2-methylphenol	0.83	U	67-72-1	Hexachloroethane	0.33	U
101-55-3	4-Bromophenyl-phenylether	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
59-50-7	4-Chloro-3-methylphenol	0.33	U	78-59-1	Isophorone	0.33	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.33	U
7005-72-3	4-Chlorophenyl-phenylether	0.33	U	62-75-9	N-Nitrosodimethylamine	0.33	U
100-01-6	4-Nitroaniline	0.33	U	86-30-6	n-Nitrosodiphenylamine	0.33	U
100-02-7	4-Nitrophenol	0.33	U	91-20-3	Naphthalene	0.33	U
83-32-9	Acenaphthene	0.33	U	98-95-3	Nitrobenzene	0.33	U
208-96-8	Acenaphthylene	0.33	U	87-86-5	Pentachlorophenol	0.83	U
120-12-7	Anthracene	0.33	U	85-01-8	Phenanthrene	0.33	U
92-87-5	Benzidine	0.83	U	108-95-2	Phenol	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	129-00-0	Pyrene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U				

Worksheet #: 28702

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB2907
Client Id:
Data File: 7M18434.D
Analysis Date: 06/05/06 14:21
Date Rec/Extracted: NA-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.81	0.69 J
2	141-79-7	3-Penten-2-one, 4-methyl-	2.36	31 J
3	3074-71-3	Heptane, 2,3-dimethyl-	2.60	0.15 J
4	2213-23-2	Heptane, 2,4-dimethyl-	2.72	0.49 J
5	17312-50-4	Decane, 2,5-dimethyl-	2.81	0.16 J
6	3221-61-2	Octane, 2-methyl-	2.85	0.73 J
7	2216-33-3	Octane, 3-methyl-	2.97	2.1 J
8	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.08	12 JA
9	3074-71-3	Heptane, 2,3-dimethyl-	3.34	0.23 J
10	3221-61-2	Octane, 2-methyl-	3.48	0.40 J

Worksheet #: 28702

Total Tentatively Identified Concentration 47.95

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18434.D Vial: 13
Acq On : 5 Jun 2006 14:21 Operator: AHD
Sample : SMB2907 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 14:48 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.96	152	25193	40.00	ng	-0.03
20) Naphthalene-d8	6.00	136	100858	40.00	ng	-0.02
36) Acenaphthene-d10	7.31	164	54880	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	78000	40.00	ng	-0.05
77) Chrysene-d12	11.61	240	68342	40.00	ng	-0.04
88) Perylene-d12	13.19	264	50650	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.59	112	143045	156.91	ng	-0.04
Spiked Amount 200.000			Recovery =	78.46%		
8) Phenol-d5	4.66	99	188905	157.18	ng	-0.02
Spiked Amount 200.000			Recovery =	78.59%		
21) Nitrobenzene-d5	5.43	128	31867	78.98	ng	-0.03
Spiked Amount 100.000			Recovery =	78.98%		
41) 2-Fluorobiphenyl	6.80	172	133657	78.42	ng	-0.04
Spiked Amount 100.000			Recovery =	78.42%		
64) 2,4,6-Tribromophenol	7.99	330	28681	161.84	ng	-0.05
Spiked Amount 200.000			Recovery =	80.92%		
80) Terphenyl-d14	10.42	244	127871	86.37	ng	-0.05
Spiked Amount 100.000			Recovery =	86.37%		
Target Compounds						Qvalue

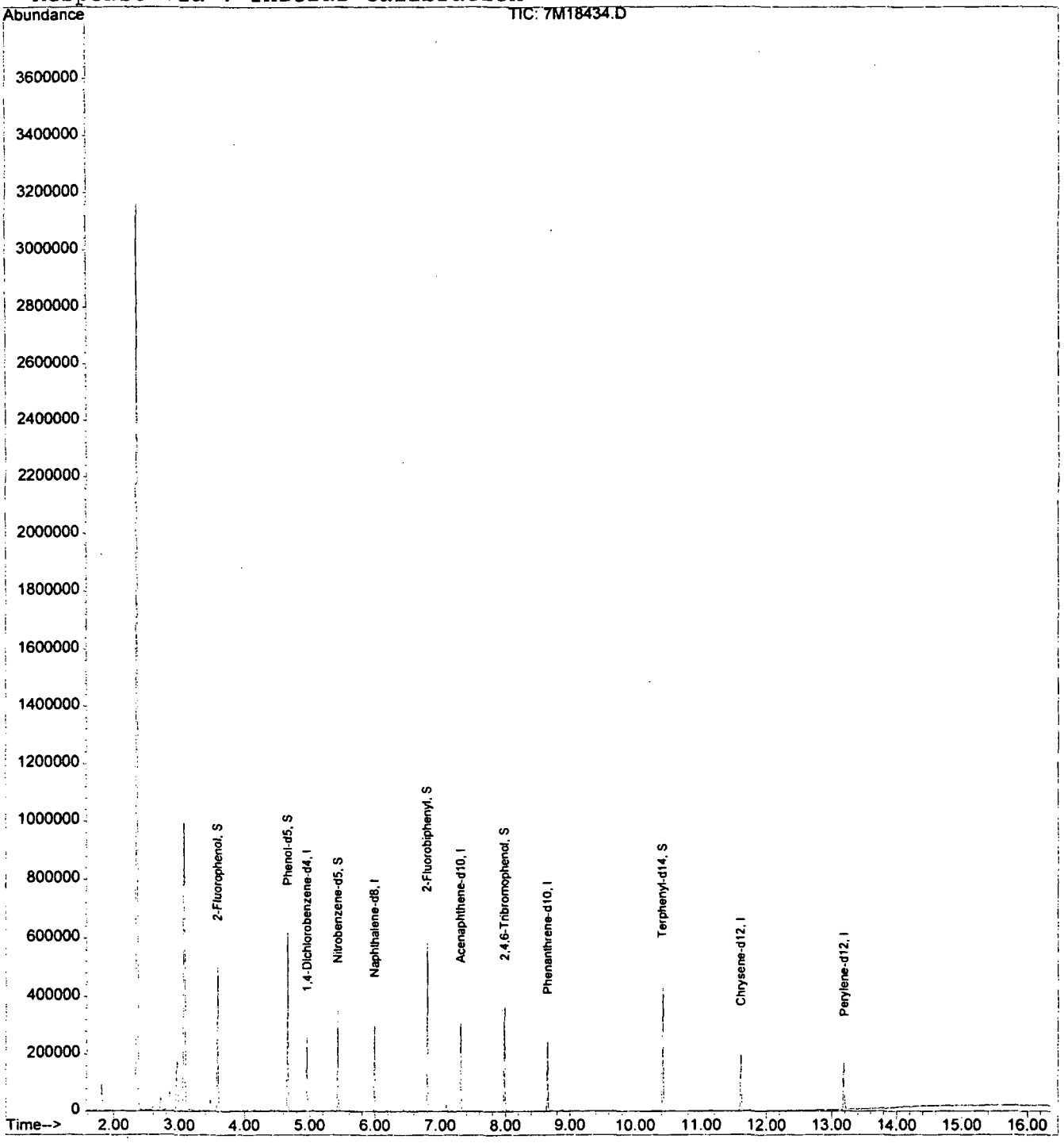
1h676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18434.D Vial: 13
Acq On : 5 Jun 2006 14:21 Operator: AHD
Sample : SMB2907 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 14:48 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2908
Client Id:
Data File: 7M18462.D
Analysis Date: 06/06/06 11:07
Date Rec/Extracted: NA-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.33	U	218-01-9	Chrysene	0.33	U
208-96-8	Acenaphthylene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
120-12-7	Anthracene	0.33	U	206-44-0	Fluoranthene	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	86-73-7	Fluorene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	85-01-8	Phenanthrene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	129-00-0	Pyrene	0.33	U

Worksheet #: 28662

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>50% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18462.D Vial: 3
Acq On : 6 Jun 2006 11:07 Operator: AHD
Sample : SMB2908 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:37 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	19053	40.00	ng	-0.04
20) Naphthalene-d8	5.99	136	79715	40.00	ng	-0.03
36) Acenaphthene-d10	7.32	164	46452	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	68948	40.00	ng	-0.05
77) Chrysene-d12	11.60	240	64507	40.00	ng	-0.05
88) Perylene-d12	13.19	264	47255	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.58	112	132320	191.92	ng	-0.05
Spiked Amount 200.000			Recovery =	95.96%		
8) Phenol-d5	4.65	99	179991	198.02	ng	-0.04
Spiked Amount 200.000			Recovery =	99.01%		
21) Nitrobenzene-d5	5.43	128	28657	89.86	ng	-0.04
Spiked Amount 100.000			Recovery =	89.86%		
41) 2-Fluorobiphenyl	6.81	172	126919	87.98	ng	-0.04
Spiked Amount 100.000			Recovery =	87.98%		
64) 2,4,6-Tribromophenol	7.99	330	28540	182.19	ng	-0.05
Spiked Amount 200.000			Recovery =	91.10%		
80) Terphenyl-d14	10.42	244	130699	93.53	ng	-0.05
Spiked Amount 100.000			Recovery =	93.53%		
Target Compounds						Qvalue
87) bis(2-Ethylhexyl)phthalate	11.75	149	1555	1.21	ng	83

1676

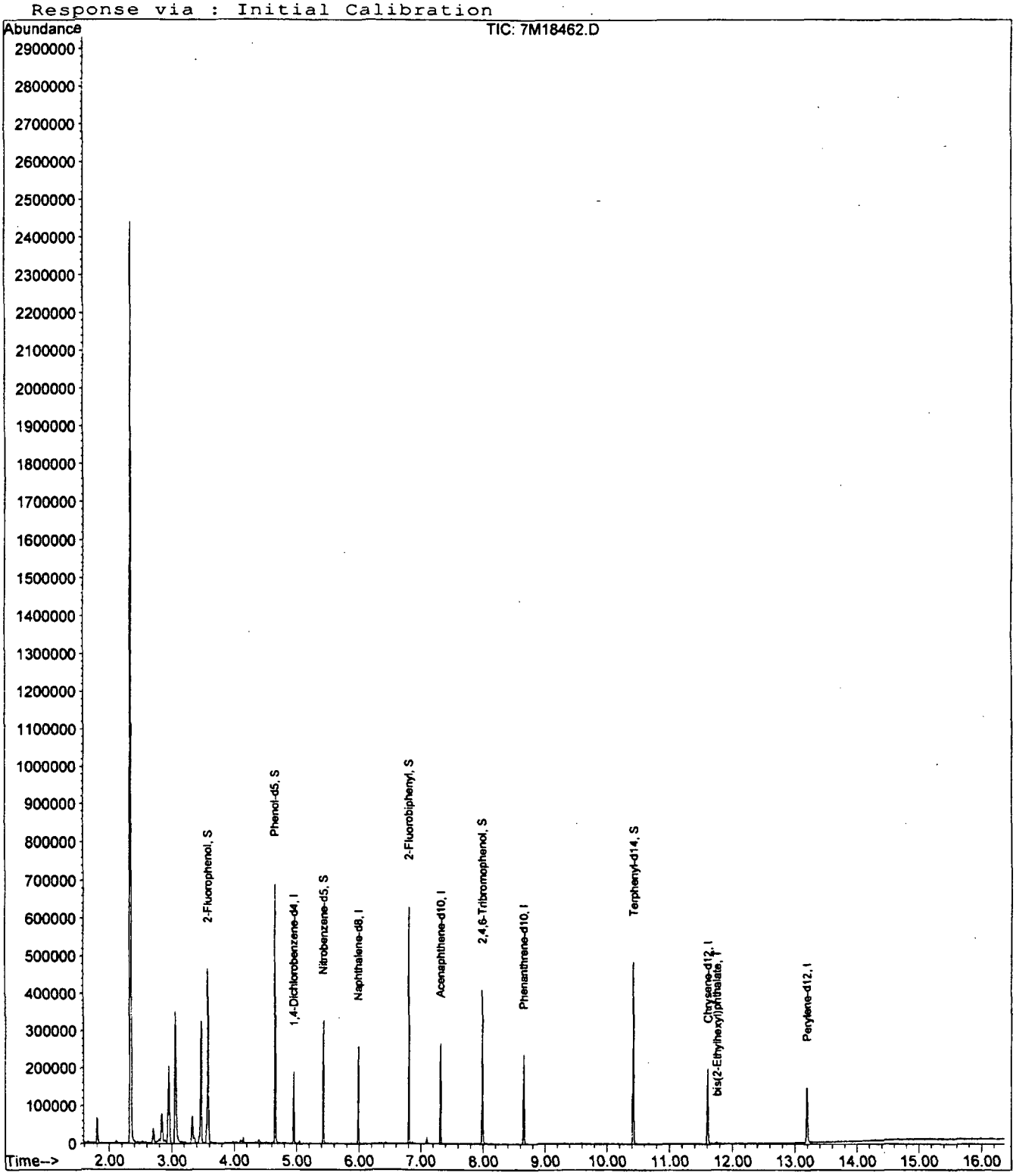
(#) = qualifier out of range (m) = manual integration

Quantitation Report

0900

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18462.D Vial: 3
Acq On : 6 Jun 2006 11:07 Operator: AHD
Sample : SMB2908 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:37 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2912
Client Id:
Data File: 7M18529.D
Analysis Date: 06/08/06 13:11
Date Rec/Extracted: NA-06/08/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.33	U	218-01-9	Chrysene	0.33	U
208-96-8	Acenaphthylene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
120-12-7	Anthracene	0.33	U	206-44-0	Fluoranthene	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	86-73-7	Fluorene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	85-01-8	Phenanthrene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	129-00-0	Pyrene	0.33	U

Worksheet #: 28802

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18529.D Vial: 14
Acq On : 8 Jun 2006 13:11 Operator: AHD
Sample : SMB2912 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 8 15:06 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.93	152	16689	40.00	ng	-0.05
20) Naphthalene-d8	5.97	136	66924	40.00	ng	-0.05
36) Acenaphthene-d10	7.31	164	35309	40.00	ng	-0.04
61) Phenanthrene-d10	8.64	188	50419	40.00	ng	-0.06
77) Chrysene-d12	11.57	240	44751	40.00	ng	-0.08
88) Perylene-d12	13.18	264	33959	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.56	112	96810	160.31	ng	-0.08
Spiked Amount 200.000			Recovery = 80.16%			
8) Phenol-d5	4.63	99	128199	161.02	ng	-0.05
Spiked Amount 200.000			Recovery = 80.51%			
21) Nitrobenzene-d5	5.41	128	21316	79.62	ng	-0.05
Spiked Amount 100.000			Recovery = 79.62%			
41) 2-Fluorobiphenyl	6.80	172	89934	82.01	ng	-0.04
Spiked Amount 100.000			Recovery = 82.01%			
64) 2,4,6-Tribromophenol	7.98	330	19052	166.32	ng	-0.05
Spiked Amount 200.000			Recovery = 83.16%			
80) Terphenyl-d14	10.39	244	93806	96.76	ng	-0.07
Spiked Amount 100.000			Recovery = 96.76%			
Target Compounds						Qvalue

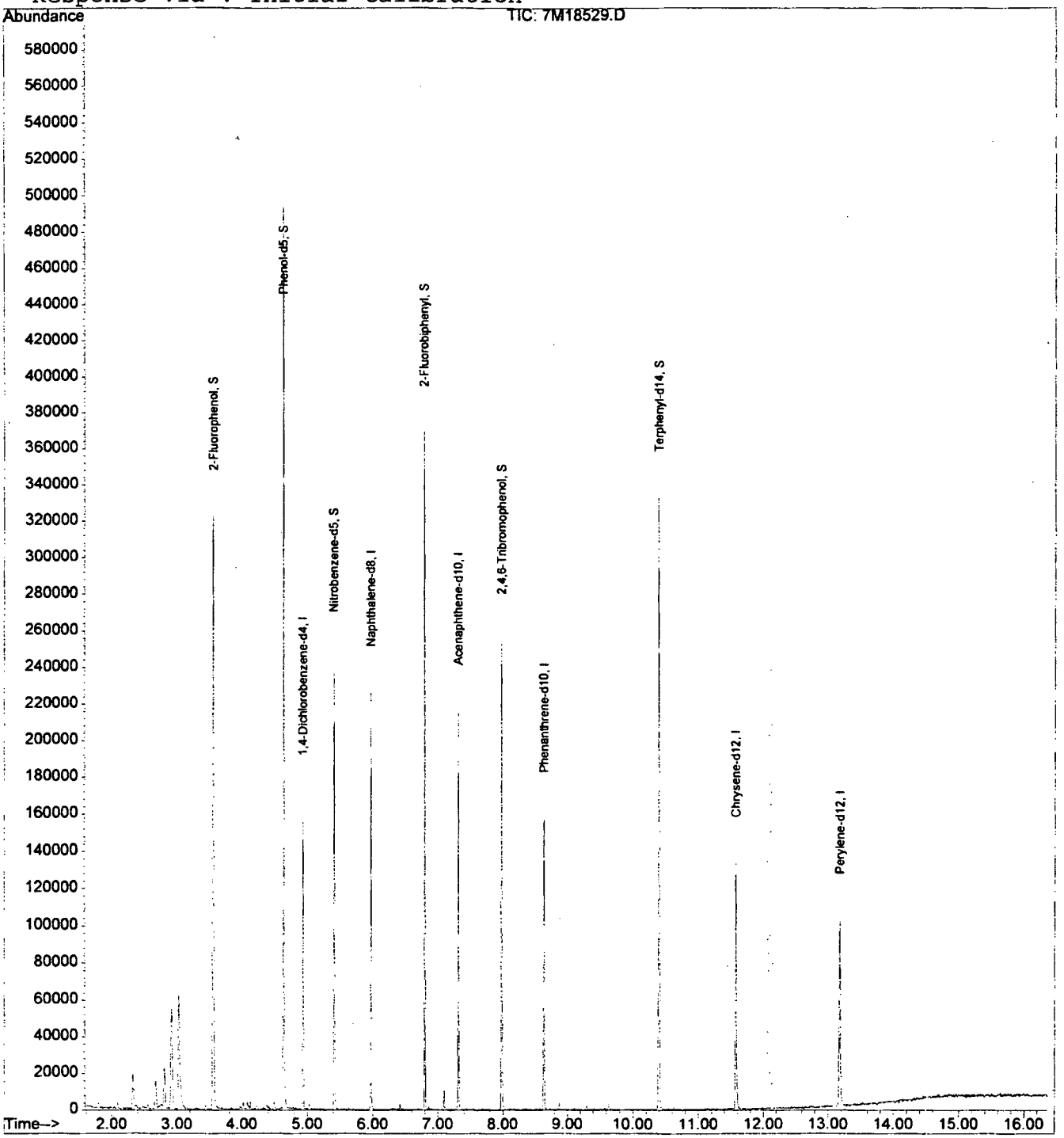
13688

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18529.D Vial: 14
Acq On : 8 Jun 2006 13:11 Operator: AHD
Sample : SMB2912 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 8 15:06 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-004	Matrix: Soil
Client Id: SS-25A24502550	Initial Vol: 30g
Data File: 7M18465.D	Final Vol: 1ml
Analysis Date: 06/06/06 12:17	Dilution: 1
Date Rec/Extracted: 06/01/06-06/05/06	Solids: 64

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.52	U	218-01-9	Chrysene	0.52	U
208-96-8	Acenaphthylene	0.52	U	53-70-3	Dibenzo[a,h]anthracene	0.52	U
120-12-7	Anthracene	0.52	U	206-44-0	Fluoranthene	0.52	U
56-55-3	Benzo[a]anthracene	0.52	U	86-73-7	Fluorene	0.52	U
50-32-8	**Benzo[a]pyrene**	**0.52**	**0.45 J**	193-39-5	Indeno[1,2,3-cd]pyrene	0.52	U
205-99-2	Benzo[b]fluoranthene	0.52	U	91-20-3	Naphthalene	0.52	U
191-24-2	Benzo[g,h,i]perylene	0.52	U	85-01-8	Phenanthrene	0.52	U
207-08-9	Benzo[k]fluoranthene	0.52	U	129-00-0	Pyrene	0.52	U

Worksheet #: 28662

Total Target Concentration 0.45

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>50% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0065

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18465.D Vial: 7
Acq On : 6 Jun 2006 12:17 Operator: AHD
Sample : AC23801-004 Inst : Gcms_7
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:31 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	22500	40.00	ng	-0.04
20) Naphthalene-d8	5.99	136	88915	40.00	ng	-0.03
36) Acenaphthene-d10	7.31	164	48600	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	73359	40.00	ng	-0.05
77) Chrysene-d12	11.60	240	65354	40.00	ng	-0.05
88) Perylene-d12	13.18	264	48486	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.58	112	144715	177.74	ng	-0.05
Spiked Amount 200.000			Recovery =	88.87%		
8) Phenol-d5	4.65	99	194507	181.21	ng	-0.04
Spiked Amount 200.000			Recovery =	90.61%		
21) Nitrobenzene-d5	5.43	128	31968	89.87	ng	-0.04
Spiked Amount 100.000			Recovery =	89.87%		
41) 2-Fluorobiphenyl	6.80	172	136415	90.38	ng	-0.04
Spiked Amount 100.000			Recovery =	90.38%		
64) 2,4,6-Tribromophenol	7.98	330	31130	186.77	ng	-0.05
Spiked Amount 200.000			Recovery =	93.39%		
80) Terphenyl-d14	10.42	244	138347	97.72	ng	-0.05
Spiked Amount 100.000			Recovery =	97.72%		
Target Compounds						Qvalue
92) Benzo[a]pyrene	13.21	252	21687	8.63	ng	96

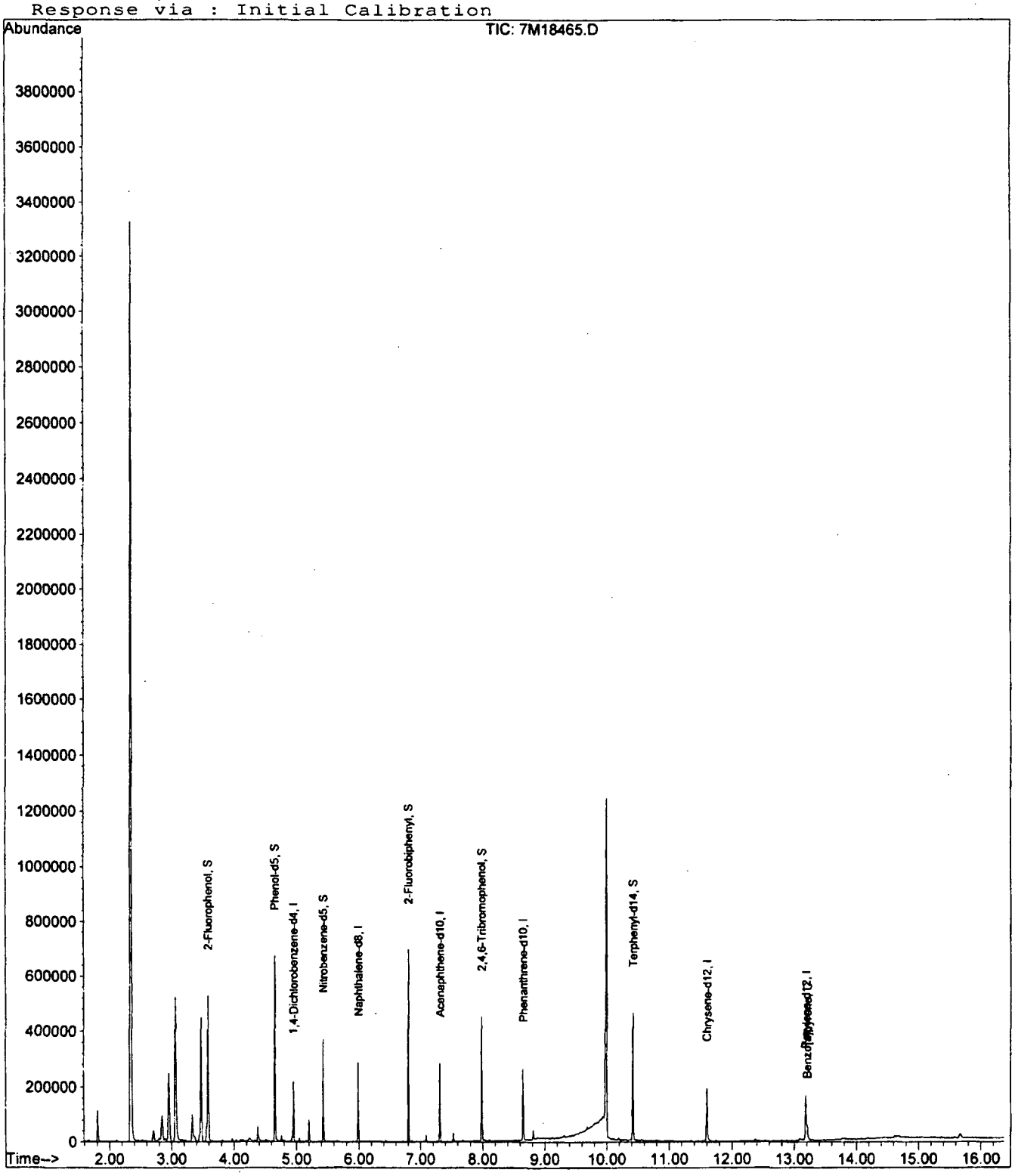
1/16/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18465.D Vial: 7
Acq On : 6 Jun 2006 12:17 Operator: AHD
Sample : AC23801-004 Inst : Gcms_7
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:31 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-005
Client Id: SS-25A16001750
Data File: 7M18466.D
Analysis Date: 06/06/06 12:40
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 80

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.42	0.23 J	218-01-9	Chrysene	0.42	0.89
208-96-8	Acenaphthylene	0.42	U	53-70-3	Dibenzo[a,h]anthracene	0.42	0.13 J
120-12-7	Anthracene	0.42	0.46	206-44-0	Fluoranthene	0.42	2.1
56-55-3	Benzo[a]anthracene	0.42	0.92	86-73-7	Fluorene	0.42	0.27 J
50-32-8	Benzo[a]pyrene	0.42	0.72	193-39-5	Indeno[1,2,3-cd]pyrene	0.42	0.42 J
205-99-2	Benzo[b]fluoranthene	0.42	0.93	91-20-3	Naphthalene	0.42	0.26 J
191-24-2	Benzo[g,h,i]perylene	0.42	0.41 J	85-01-8	Phenanthrene	0.42	1.7
207-08-9	Benzo[k]fluoranthene	0.42	0.33 J	129-00-0	Pyrene	0.42	1.7

Worksheet #: 28662

Total Target Concentration 11.47

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>50% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18466.D Vial: 8
Acq On : 6 Jun 2006 12:40 Operator: AHD
Sample : AC23801-005 Inst : Gcms_7
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:33 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	22273	40.00	ng	-0.04
20) Naphthalene-d8	5.99	136	89009	40.00	ng	-0.03
36) Acenaphthene-d10	7.32	164	51264	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	75675	40.00	ng	-0.05
77) Chrysene-d12	11.60	240	70589	40.00	ng	-0.05
88) Perylene-d12	13.18	264	53108	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.58	112	143782	178.40	ng	-0.05
Spiked Amount 200.000			Recovery =	89.20%		
8) Phenol-d5	4.65	99	191122	179.87	ng	-0.04
Spiked Amount 200.000			Recovery =	89.94%		
21) Nitrobenzene-d5	5.43	128	31405	88.20	ng	-0.04
Spiked Amount 100.000			Recovery =	88.20%		
41) 2-Fluorobiphenyl	6.81	172	138708	87.12	ng	-0.04
Spiked Amount 100.000			Recovery =	87.12%		
64) 2,4,6-Tribromophenol	7.99	330	32603	189.62	ng	-0.05
Spiked Amount 200.000			Recovery =	94.81%		
80) Terphenyl-d14	10.42	244	144159	94.27	ng	-0.05
Spiked Amount 100.000			Recovery =	94.27%		
Target Compounds						Qvalue
30) Naphthalene	6.00	128	19590	6.24	ng	99
50) Acenaphthene	7.34	153	9876	5.60	ng	95
57) Fluorene	7.78	166	13455	6.38	ng	97
70) Phenanthrene	8.68	178	122713	39.73	ng	97
71) Anthracene	8.73	178	33224	11.06	ng	99
76) Fluoranthene	9.94	202	152486	49.60	ng	93
78) Pyrene	10.19	202	140551	41.48	ng	87
85) Benzo[a]anthracene	11.59	228	61044	22.14	ng	96
86) Chrysene	11.63	228	62301	21.47	ng	98
90) Benzo[b]fluoranthene	12.80	252	63688m	22.24	ng	
91) Benzo[k]fluoranthene	12.82	252	24048m	7.89	ng	
92) Benzo[a]pyrene	13.12	252	47582	17.29	ng	90
93) Indeno[1,2,3-cd]pyrene	14.19	276	27115	9.98	ng	80
94) Dibenzo[a,h]anthracene	14.21	278	7034m	3.07	ng	
95) Benzo[g,h,i]perylene	14.44	276	24345	9.84	ng	88

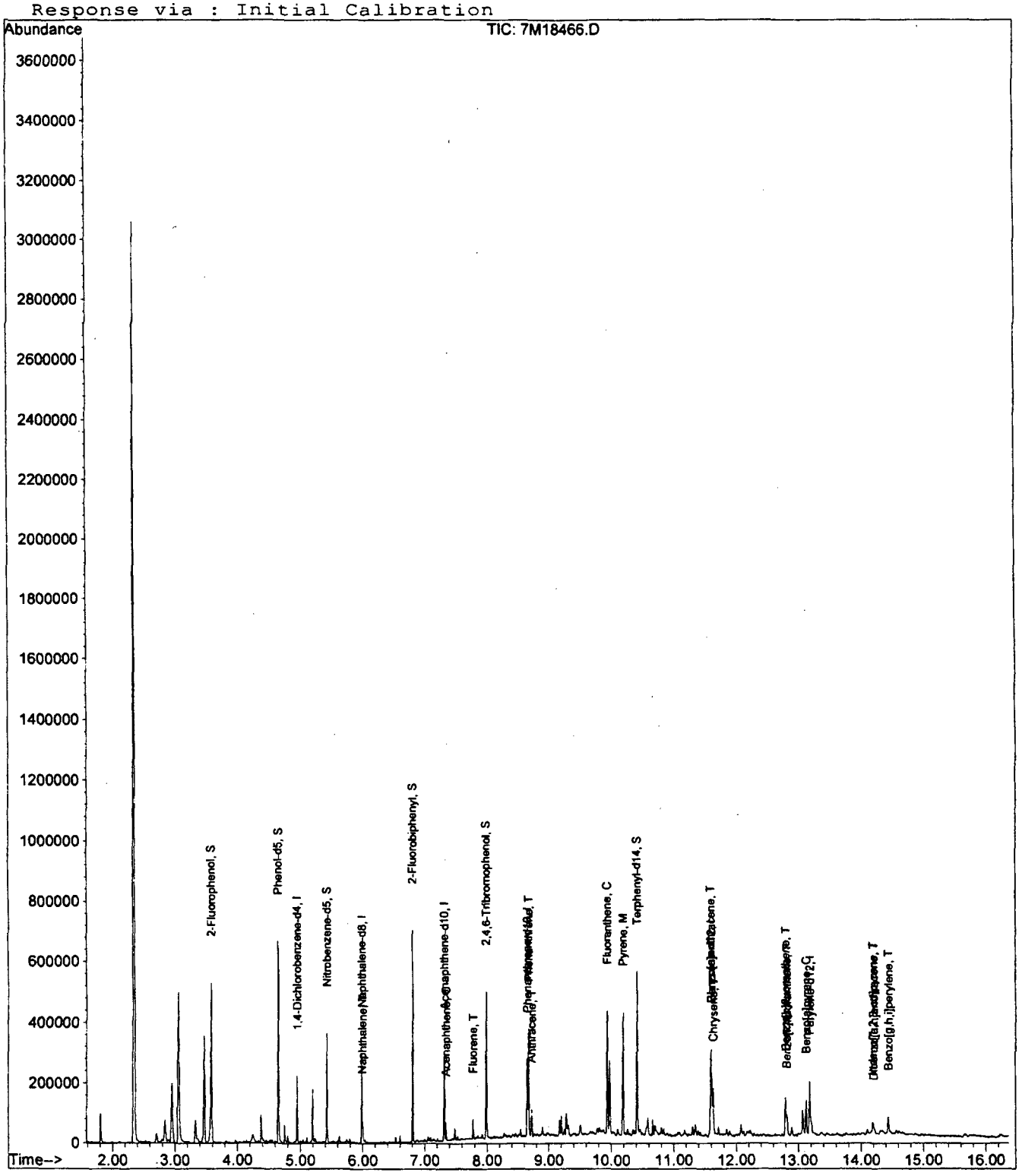
11676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18466.D Vial: 8
Acq On : 6 Jun 2006 12:40 Operator: AHD
Sample : AC23801-005 Inst : Gcms_7
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:33 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-006
Client Id: SS-25A 21002200
Data File: 7M18467.D
Analysis Date: 06/06/06 13:03
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	**Acenaphthene**	**0.40**	**0.066 J**	**218-01-9**	**Chrysene**	**0.40**	**0.13 J**
208-96-8	Acenaphthylene	0.40	U	53-70-3	Dibenzo[a,h]anthracene	0.40	U
120-12-7	**Anthracene**	**0.40**	**0.050 J**	**206-44-0**	**Fluoranthene**	**0.40**	**0.34 J**
56-55-3	**Benzo[a]anthracene**	**0.40**	**0.12 J**	86-73-7	Fluorene	0.40	U
50-32-8	**Benzo[a]pyrene**	**0.40**	**0.074 J**	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.40**	**0.041 J**
205-99-2	**Benzo[b]fluoranthene**	**0.40**	**0.091 J**	**91-20-3**	**Naphthalene**	**0.40**	**0.16 J**
191-24-2	**Benzo[g,h,i]perylene**	**0.40**	**0.044 J**	**85-01-8**	**Phenanthrene**	**0.40**	**0.075 J**
207-08-9	**Benzo[k]fluoranthene**	**0.40**	**0.046 J**	**129-00-0**	**Pyrene**	**0.40**	**0.32 J**

Worksheet #: 28662

Total Target Concentration 1.557

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>50% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0071

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18467.D Vial: 9
Acq On : 6 Jun 2006 13:03 Operator: AHD
Sample : AC23801-006 Inst : Gcms_7
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:35 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	22199	40.00	ng	-0.04
20) Naphthalene-d8	5.99	136	88425	40.00	ng	-0.03
36) Acenaphthene-d10	7.31	164	50401	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	75561	40.00	ng	-0.05
77) Chrysene-d12	11.60	240	69793	40.00	ng	-0.05
88) Perylene-d12	13.18	264	54824	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.58	112	138327	172.20	ng	-0.05
Spiked Amount 200.000			Recovery	=	86.10%	
8) Phenol-d5	4.65	99	189229	178.68	ng	-0.04
Spiked Amount 200.000			Recovery	=	89.34%	
21) Nitrobenzene-d5	5.43	128	31735	89.71	ng	-0.04
Spiked Amount 100.000			Recovery	=	89.71%	
41) 2-Fluorobiphenyl	6.80	172	137293	87.71	ng	-0.04
Spiked Amount 100.000			Recovery	=	87.71%	
64) 2,4,6-Tribromophenol	7.99	330	32525	189.46	ng	-0.05
Spiked Amount 200.000			Recovery	=	94.73%	
80) Terphenyl-d14	10.42	244	145163	96.01	ng	-0.05
Spiked Amount 100.000			Recovery	=	96.01%	
Target Compounds						Qvalue
30) Naphthalene	6.00	128	12130	3.89	ng	97
50) Acenaphthene	7.34	153	2863	1.65	ng	96
70) Phenanthrene	8.67	178	5725	1.86	ng	93
71) Anthracene	8.72	178	3710	1.24	ng	87
76) Fluoranthene	9.94	202	26311	8.57	ng	96
78) Pyrene	10.19	202	26525	7.92	ng	93
85) Benzo[a]anthracene	11.59	228	8066	2.96	ng	80
86) Chrysene	11.63	228	9142	3.19	ng	91
90) Benzo[b]fluoranthene	12.80	252	6723m	2.27	ng	
91) Benzo[k]fluoranthene	12.81	252	3575m	1.14	ng	
92) Benzo[a]pyrene	13.12	252	5223	1.84	ng	91
93) Indeno[1,2,3-cd]pyrene	14.19	276	2871	1.02	ng	79
95) Benzo[g,h,i]perylene	14.43	276	2802	1.10	ng	86

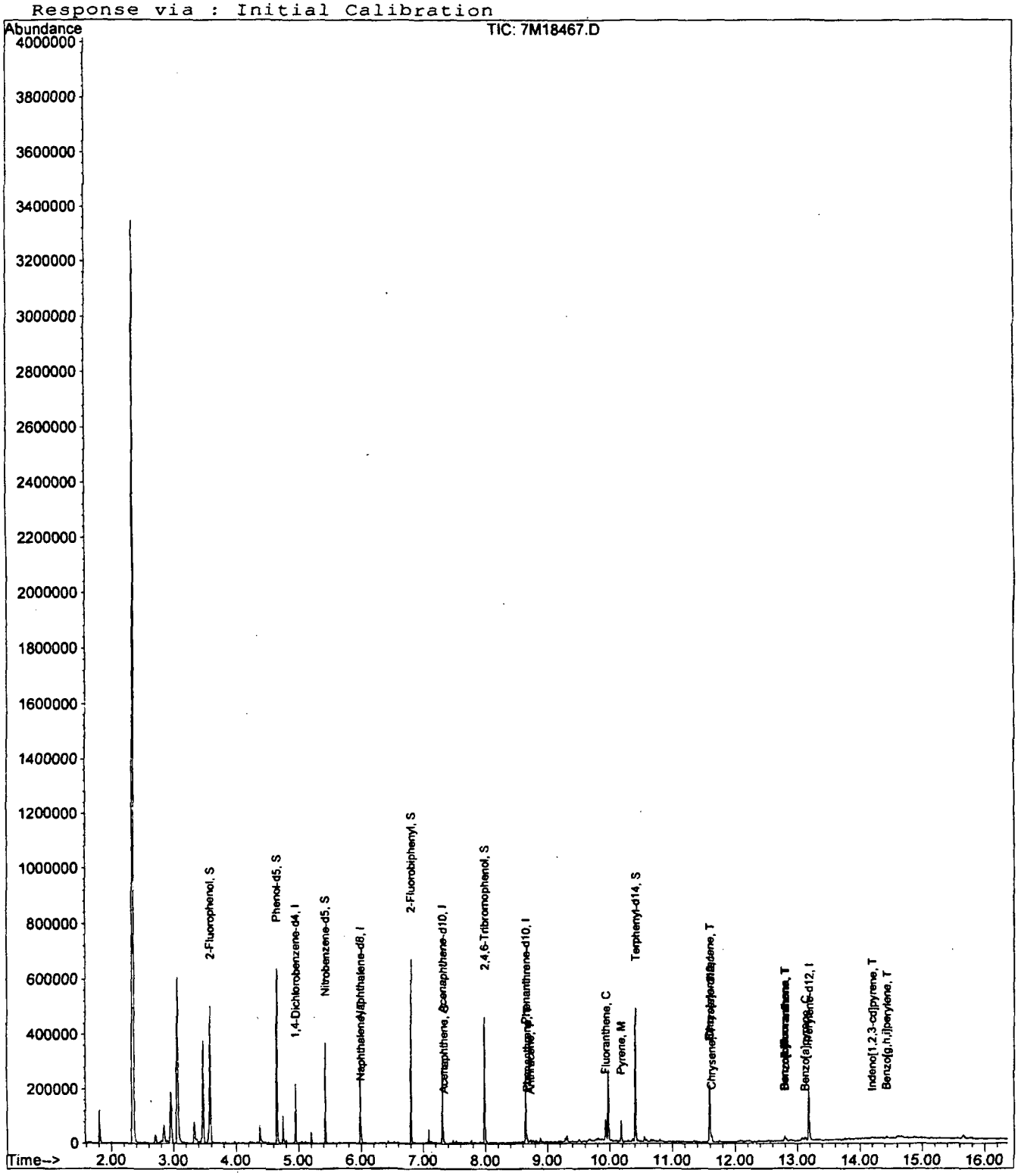
11676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18467.D Vial: 9
Acq On : 6 Jun 2006 13:03 Operator: AHD
Sample : AC23801-006 Inst : Gcms_7
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:35 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-007(10X)
Client Id: SS-19.5C1 10001100
Data File: 7M18468.D
Analysis Date: 06/06/06 13:26
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 10
Solids: 91

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	3.7	1.1 J	218-01-9	Chrysene	3.7	6.1
208-96-8	Acenaphthylene	3.7	U	53-70-3	Dibenzo[a,h]anthracene	3.7	0.85 J
120-12-7	Anthracene	3.7	3.0 J	206-44-0	Fluoranthene	3.7	14
56-55-3	Benzo[a]anthracene	3.7	6.2	86-73-7	Fluorene	3.7	1.2 J
50-32-8	Benzo[a]pyrene	3.7	5.0	193-39-5	Indeno[1,2,3-cd]pyrene	3.7	2.7 J
205-99-2	Benzo[b]fluoranthene	3.7	6.9	91-20-3	Naphthalene	3.7	0.60 J
191-24-2	Benzo[g,h,i]perylene	3.7	2.9 J	85-01-8	Phenanthrene	3.7	9.1
207-08-9	Benzo[k]fluoranthene	3.7	2.3 J	129-00-0	Pyrene	3.7	11

Worksheet #: 28662

Total Target Concentration 72.95

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>50% between columns due to coelution. Lower concentration used.

Quantitation Report (QT Reviewed)

0074

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18468.D Vial: 10
Acq On : 6 Jun 2006 13:26 Operator: AHD
Sample : AC23801-007(10X) Inst : Gcms_7
Misc : S,BN:10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:36 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	22548	40.00	ng	-0.04
20) Naphthalene-d8	5.99	136	93642	40.00	ng	-0.03
36) Acenaphthene-d10	7.31	164	53156	40.00	ng	-0.05
61) Phenanthrene-d10	8.65	188	80159	40.00	ng	-0.05
77) Chrysene-d12	11.60	240	77472	40.00	ng	-0.05
88) Perylene-d12	13.18	264	59251	40.00	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	3.58	112	13364	16.38	ng	-0.05
Spiked Amount 200.000			Recovery =	8.19%		
8) Phenol-d5	4.66	99	18115	16.84	ng	-0.03
Spiked Amount 200.000			Recovery =	8.42%		
21) Nitrobenzene-d5	5.43	128	2877	7.68	ng	-0.04
Spiked Amount 100.000			Recovery =	7.68%		
41) 2-Fluorobiphenyl	6.80	172	14247	8.63	ng	-0.05
Spiked Amount 100.000			Recovery =	8.63%		
64) 2,4,6-Tribromophenol	7.98	330	2415	13.26	ng	-0.05
Spiked Amount 200.000			Recovery =	6.63%		
80) Terphenyl-d14	10.41	244	13801	8.22	ng	-0.05
Spiked Amount 100.000			Recovery =	8.22%		
Target Compounds						Qvalue
30) Naphthalene	6.00	128	5448	1.65	ng	95
50) Acenaphthene	7.33	153	5603	3.06	ng	87
57) Fluorene	7.77	166	7438	3.40	ng	88
70) Phenanthrene	8.67	178	80882	24.72	ng	98
71) Anthracene	8.72	178	26001	8.17	ng	98
76) Fluoranthene	9.94	202	128793	39.55	ng	90
78) Pyrene	10.19	202	106930	28.75	ng	93
85) Benzo[a]anthracene	11.59	228	50950	16.83	ng	96
86) Chrysene	11.63	228	52629	16.53	ng	97
90) Benzo[b]fluoranthene	12.80	252	60444m	18.92	ng	
91) Benzo[k]fluoranthene	12.82	252	21079m	6.20	ng	
92) Benzo[a]pyrene	13.12	252	42292	13.78	ng	91
93) Indeno[1,2,3-cd]pyrene	14.19	276	22390	7.39	ng	83
94) Dibenzo[a,h]anthracene	14.21	278	5900m	2.31	ng	
95) Benzo[g,h,i]perylene	14.43	276	21822	7.90	ng	90

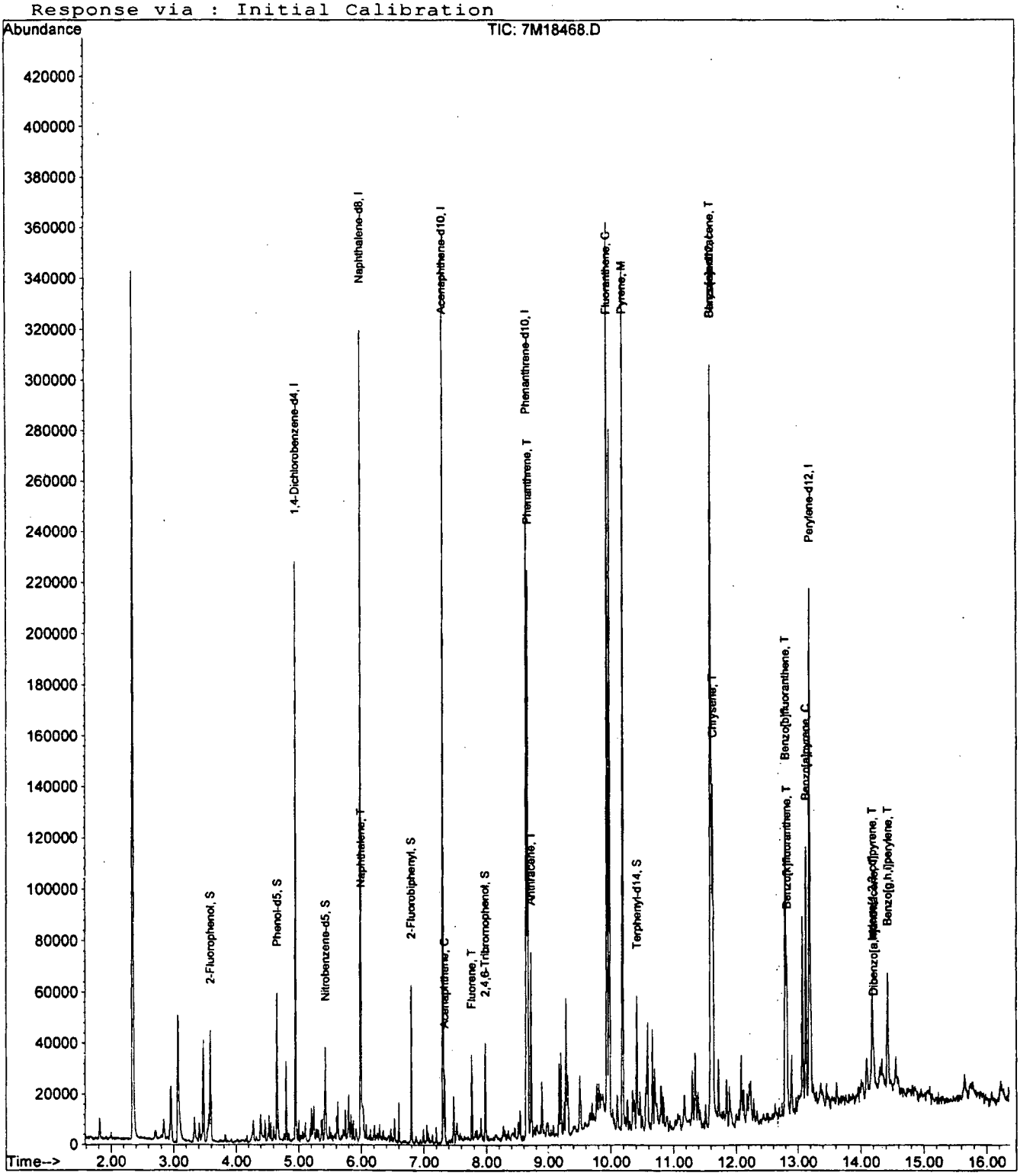
11676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18468.D Vial: 10
Acq On : 6 Jun 2006 13:26 Operator: AHD
Sample : AC23801-007(10X) Inst : Gcms_7
Misc : S,BN:10 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:36 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-010(3X)
Client Id: SS-18D 1000
Data File: 7M18531.D
Analysis Date: 06/08/06 13:58
Date Rec/Extracted: 06/01/06-06/08/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 88

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	1.1	0.47 J	218-01-9	Chrysene	1.1	1.3
208-96-8	Acenaphthylene	1.1	U	53-70-3	Dibenzo[a,h]anthracene	1.1	0.19 J
120-12-7	Anthracene	1.1	0.85 J	206-44-0	Fluoranthene	1.1	3.7
56-55-3	Benzo[a]anthracene	1.1	1.6	86-73-7	Fluorene	1.1	0.53 J
50-32-8	Benzo[a]pyrene	1.1	1.2	193-39-5	Indeno[1,2,3-cd]pyrene	1.1	0.65 J
205-99-2	Benzo[b]fluoranthene	1.1	1.5	91-20-3	Naphthalene	1.1	0.31 J
191-24-2	Benzo[g,h,i]perylene	1.1	0.70 J	85-01-8	Phenanthrene	1.1	3.4
207-08-9	Benzo[k]fluoranthene	1.1	0.55 J	129-00-0	Pyrene	1.1	3.0

Worksheet #: 28802

Total Target Concentration 19.95

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18531.D Vial: 16
Acq On : 8 Jun 2006 13:58 Operator: AHD
Sample : AC23801-010(3X) Inst : Gcms_7
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 8 15:05 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.93	152	18421	40.00	ng	-0.05
20) Naphthalene-d8	5.97	136	73853	40.00	ng	-0.05
36) Acenaphthene-d10	7.31	164	42848	40.00	ng	-0.05
61) Phenanthrene-d10	8.64	188	63396	40.00	ng	-0.06
77) Chrysene-d12	11.57	240	58400	40.00	ng	-0.08
88) Perylene-d12	13.16	264	46352	40.00	ng	-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	3.56	112	36392	54.60	ng	-0.08
Spiked Amount 200.000			Recovery = 27.30%			
8) Phenol-d5	4.63	99	50346	57.29	ng	-0.05
Spiked Amount 200.000			Recovery = 28.65%			
21) Nitrobenzene-d5	5.41	128	7724	26.14	ng	-0.05
Spiked Amount 100.000			Recovery = 26.14%			
41) 2-Fluorobiphenyl	6.80	172	37040	27.83	ng	-0.05
Spiked Amount 100.000			Recovery = 27.83%			
64) 2,4,6-Tribromophenol	7.98	330	7189	49.91	ng	-0.06
Spiked Amount 200.000			Recovery = 24.96%			
80) Terphenyl-d14	10.39	244	35793	28.29	ng	-0.08
Spiked Amount 100.000			Recovery = 28.29%			
Target Compounds						Qvalue
30) Naphthalene	5.99	128	7091	2.72	ng	98
50) Acenaphthene	7.33	153	6097	4.13	ng	96
57) Fluorene	7.77	166	8145	4.62	ng	99
70) Phenanthrene	8.66	178	77750	30.05	ng	98
71) Anthracene	8.71	178	18847	7.49	ng	97
76) Fluoranthene	9.92	202	83993	32.61	ng	95
78) Pyrene	10.16	202	74631	26.62	ng	97
85) Benzo[a]anthracene	11.57	228	32418	14.21	ng	97
86) Chrysene	11.60	228	28204	11.75	ng	94
90) Benzo[b]fluoranthene	12.77	252	33568m	13.43	ng	
91) Benzo[k]fluoranthene	12.80	252	12982m	4.88	ng	
92) Benzo[a]pyrene	13.10	252	25560	10.64	ng	90
93) Indeno[1,2,3-cd]pyrene	14.19	276	13501	5.69	ng	72
94) Dibenzo[a,h]anthracene	14.21	278	3324	1.66	ng	97
95) Benzo[g,h,i]perylene	14.44	276	13378	6.19	ng	79

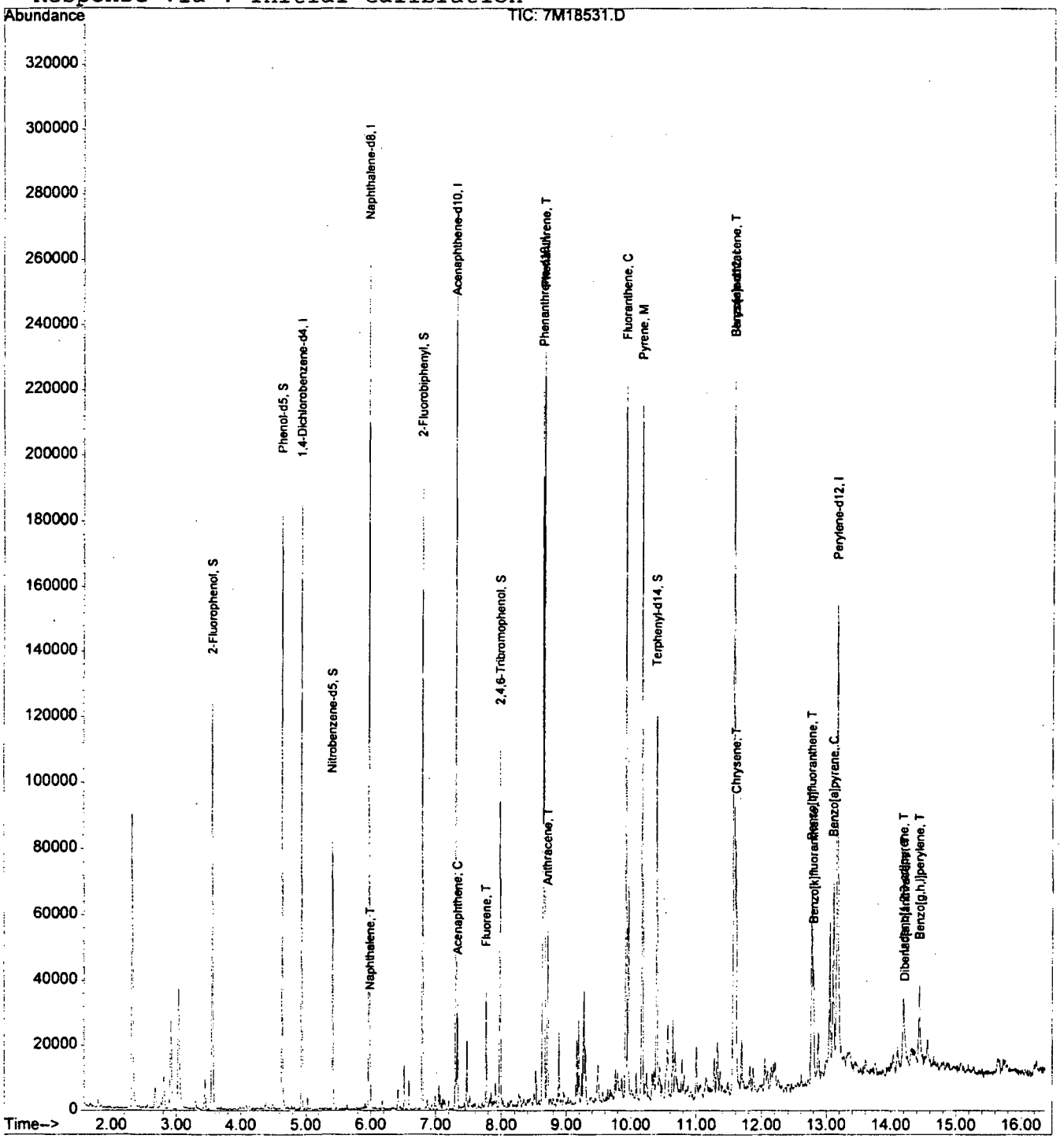
11886

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18531.D Vial: 16
Acq On : 8 Jun 2006 13:58 Operator: AHD
Sample : AC23801-010(3X) Inst : Gcms_7
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 8 15:05 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-011(5X)
Client Id: SS-18D 1100
Data File: 7M18532.D
Analysis Date: 06/08/06 14:22
Date Rec/Extracted: 06/01/06-06/08/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 92

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	1.8	U	**218-01-9**	**Chrysene**	**1.8**	**0.30 J**
208-96-8	Acenaphthylene	1.8	U	53-70-3	Dibenzo[a,h]anthracene	1.8	U
120-12-7	Anthracene	1.8	U	**206-44-0**	**Fluoranthene**	**1.8**	**0.81 J**
56-55-3	**Benzo[a]anthracene**	**1.8**	**0.27 J**	86-73-7	Fluorene	1.8	U
50-32-8	**Benzo[a]pyrene**	**1.8**	**0.20 J**	193-39-5	Indeno[1,2,3-cd]pyrene	1.8	U
205-99-2	**Benzo[b]fluoranthene**	**1.8**	**0.28 J**	91-20-3	Naphthalene	1.8	U
191-24-2	Benzo[g,h,i]perylene	1.8	U	**85-01-8**	**Phenanthrene**	**1.8**	**0.53 J**
207-08-9	Benzo[k]fluoranthene	1.8	U	**129-00-0**	**Pyrene**	**1.8**	**0.63 J**

Worksheet #: 28802

Total Target Concentration 3.02

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

0080

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18532.D Vial: 17
Acq On : 8 Jun 2006 14:22 Operator: AHD
Sample : AC23801-011(5X) Inst : Gcms_7
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 8 15:05 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

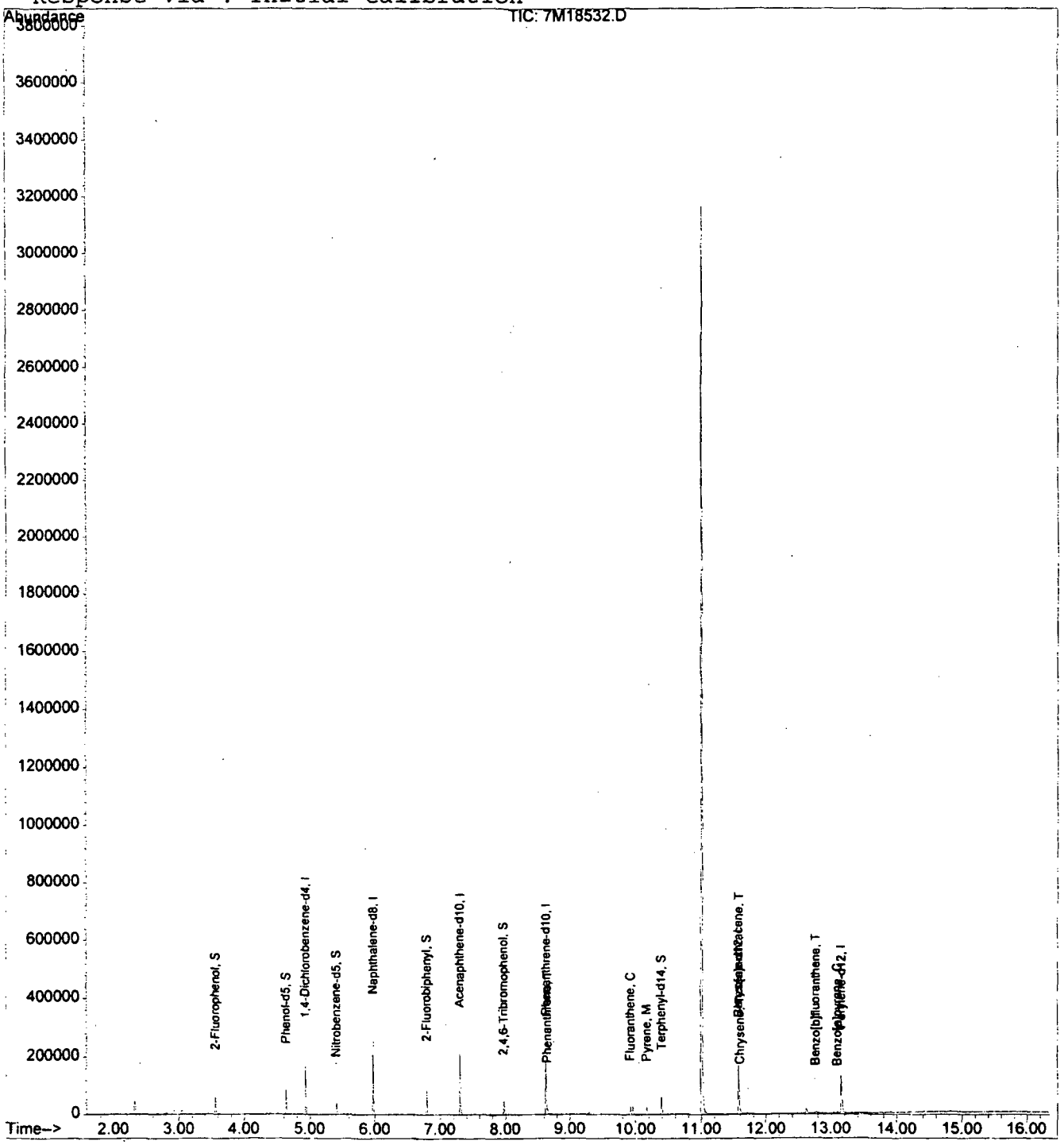
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.93	152	17887	40.00	ng	-0.05
20) Naphthalene-d8	5.97	136	72127	40.00	ng	-0.05
36) Acenaphthene-d10	7.31	164	38641	40.00	ng	-0.05
61) Phenanthrene-d10	8.64	188	59975	40.00	ng	-0.06
77) Chrysene-d12	11.57	240	56201	40.00	ng	-0.08
88) Perylene-d12	13.15	264	42830	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.56	112	18768	29.00	ng	-0.08
Spiked Amount 200.000			Recovery =	14.50%		
8) Phenol-d5	4.63	99	25442	29.82	ng	-0.05
Spiked Amount 200.000			Recovery =	14.91%		
21) Nitrobenzene-d5	5.41	128	3846	13.33	ng	-0.05
Spiked Amount 100.000			Recovery =	13.33%		
41) 2-Fluorobiphenyl	6.80	172	18831	15.69	ng	-0.05
Spiked Amount 100.000			Recovery =	15.69%		
64) 2,4,6-Tribromophenol	7.98	330	3673	26.95	ng	-0.06
Spiked Amount 200.000			Recovery =	13.48%		
80) Terphenyl-d14	10.39	244	18212	14.96	ng	-0.08
Spiked Amount 100.000			Recovery =	14.96%		
Target Compounds						Qvalue
70) Phenanthrene	8.66	178	7225	2.95	ng	94
76) Fluoranthene	9.92	202	10890	4.47	ng	100
78) Pyrene	10.16	202	9442	3.50	ng	95
85) Benzo[a]anthracene	11.57	228	3298	1.50	ng	93
86) Chrysene	11.60	228	3820	1.65	ng	78
90) Benzo[b]fluoranthene	12.77	252	3609m	1.56	ng	
92) Benzo[a]pyrene	13.10	252	2481	1.12	ng	80

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18532.D Vial: 17
Acq On : 8 Jun 2006 14:22 Operator: AHD
Sample : AC23801-011(5X) Inst : Gcms_7
Misc : S,BNA:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 8 15:05 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-012
Client Id: SS-13D 06000800
Data File: 7M18436.D
Analysis Date: 06/05/06 15:07
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 87

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.38	U	**205-99-2**	**Benzo[b]fluoranthene**	**0.38**	**0.52**
95-50-1	1,2-Dichlorobenzene	0.38	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.38**	**0.33 J**
122-66-7	1,2-Diphenylhydrazine	0.38	U	**207-08-9**	**Benzo[k]fluoranthene**	**0.38**	**0.18 J**
541-73-1	1,3-Dichlorobenzene	0.38	U	111-91-1	bis(2-Chloroethoxy)methan	0.38	U
106-46-7	1,4-Dichlorobenzene	0.38	U	111-44-4	bis(2-Chloroethyl)ether	0.38	U
95-95-4	2,4,5-Trichlorophenol	0.38	U	108-60-1	bis(2-chloroisopropyl)ether	0.38	U
88-06-2	2,4,6-Trichlorophenol	0.38	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.38**	**0.24 J**
120-83-2	2,4-Dichlorophenol	0.38	U	**85-68-7**	**Butylbenzylphthalate**	**0.38**	**0.085 J**
105-67-9	2,4-Dimethylphenol	0.38	U	**86-74-8**	**Carbazole**	**0.38**	**0.075 J**
51-28-5	2,4-Dinitrophenol	1.9	U	**218-01-9**	**Chrysene**	**0.38**	**0.48**
121-14-2	2,4-Dinitrotoluene	0.38	U	84-74-2	Di-n-butylphthalate	0.38	U
606-20-2	2,6-Dinitrotoluene	0.38	U	117-84-0	Di-n-octylphthalate	0.38	U
91-58-7	2-Chloronaphthalene	0.38	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.38**	**0.10 J**
95-57-8	2-Chlorophenol	0.38	U	**132-64-9**	**Dibenzofuran**	**0.38**	**0.060 J**
91-57-6	**2-Methylnaphthalene**	**0.38**	**0.081 J**	84-66-2	Diethylphthalate	0.38	U
95-48-7	2-Methylphenol	0.38	U	131-11-3	Dimethylphthalate	0.38	U
88-74-4	2-Nitroaniline	0.38	U	**206-44-0**	**Fluoranthene**	**0.38**	**0.84**
88-75-5	2-Nitrophenol	0.38	U	**86-73-7**	**Fluorene**	**0.38**	**0.11 J**
106-44-5	3&4-Methylphenol	0.38	U	118-74-1	Hexachlorobenzene	0.38	U
91-94-1	3,3'-Dichlorobenzidine	0.38	U	87-68-3	Hexachlorobutadiene	0.38	U
99-09-2	3-Nitroaniline	0.38	U	77-47-4	Hexachlorocyclopentadiene	0.38	U
534-52-1	4,6-Dinitro-2-methylphenol	0.96	U	67-72-1	Hexachloroethane	0.38	U
101-55-3	4-Bromophenyl-phenylether	0.38	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.38**	**0.22 J**
59-50-7	4-Chloro-3-methylphenol	0.38	U	78-59-1	Isophorone	0.38	U
106-47-8	4-Chloroaniline	0.38	U	621-64-7	N-Nitroso-di-n-propylamine	0.38	U
7005-72-3	4-Chlorophenyl-phenylether	0.38	U	62-75-9	N-Nitrosodimethylamine	0.38	U
100-01-6	4-Nitroaniline	0.38	U	86-30-6	n-Nitrosodiphenylamine	0.38	U
100-02-7	4-Nitrophenol	0.38	U	**91-20-3**	**Naphthalene**	**0.38**	**0.13 J**
83-32-9	**Acenaphthene**	**0.38**	**0.075 J**	98-95-3	Nitrobenzene	0.38	U
208-96-8	**Acenaphthylene**	**0.38**	**0.045 J**	87-86-5	Pentachlorophenol	0.96	U
120-12-7	**Anthracene**	**0.38**	**0.15 J**	**85-01-8**	**Phenanthrene**	**0.38**	**0.62**
92-87-5	Benzidine	0.96	U	108-95-2	Phenol	0.38	U
56-55-3	**Benzo[a]anthracene**	**0.38**	**0.47**	**129-00-0**	**Pyrene**	**0.38**	**0.85**
50-32-8	**Benzo[a]pyrene**	**0.38**	**0.45**				

Worksheet #: 28702

Total Target Concentration 6.111

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-012 | Matrix: Soil
Client Id: SS-13D 06000800 | Initial Vol: 30g
Data File: 7M18436.D | Final Vol: 1ml
Analysis Date: 06/05/06 15:07 | Dilution: 1
Date Rec/Extracted: 06/01/06-06/05/06 | Solids: 87

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.81	0.77 JB
2	141-79-7	3-Penten-2-one, 4-methyl-	2.36	32 JB
3	2213-23-2	Heptane, 2,4-dimethyl-	2.72	0.54 JB
4	1072-05-5	Heptane, 2,6-dimethyl-	2.85	0.72 J
5	2216-33-3	Octane, 3-methyl-	2.97	2.1 JB
6	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.08	13 JAB
7	1330-20-7	XYLENE	3.84	0.32 J
8	611-14-3	Benzene, 1-ethyl-2-methyl-	4.53	0.45 J
9	526-73-8	Benzene, 1,2,3-trimethyl-	4.80	0.42 J
10	15965-99-8	Oxirane, [(hexadecyloxy)methyl]-	5.09	0.52 J
11		unknown	5.20	0.84 J
12	105-05-5	Benzene, 1,4-diethyl-	5.25	0.32 J
13	527-53-7	Benzene, 1,2,3,5-tetramethyl-	5.63	0.32 J
14	6975-98-0	Decane, 2-methyl-	8.16	0.32 J
15	629-62-9	Pentadecane	9.50	0.46 J
16		unknown	9.82	0.38 J
17	54986-63-9	Benzo[c]phenanthrene, 5,8-dimethyl-	12.50	0.91 J
18	67685-33-0	2-(2'-Hydroxy-4'-methoxyphenyl)benzofu	12.59	0.40 J
19	192-97-2	Benzo[e]pyrene	13.08	0.63 J
20		unknown	13.33	0.66 J
21	20244-32-0	Dibenz[a,j]anthracene, 7,14-dihydro-	13.69	0.32 J
22	55334-01-5	Phenanthrene, 9-dodecyltetradecahydro	13.77	0.83 J
23	36441-74-4	BACCHARANE	14.04	0.57 J
24		unknown	14.87	0.35 J
25		unknown	15.08	0.43 J

Worksheet #: 28702

Total Tentatively Identified Concentration 58.58

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

0084

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18436.D Vial: 15
Acq On : 5 Jun 2006 15:07 Operator: AHD
Sample : AC23801-012 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:23 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.96	152	27000	40.00	ng	-0.03
20) Naphthalene-d8	6.00	136	106633	40.00	ng	-0.02
36) Acenaphthene-d10	7.31	164	60523	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	88520	40.00	ng	-0.05
77) Chrysene-d12	11.61	240	74210	40.00	ng	-0.04
88) Perylene-d12	13.19	264	56643	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.59	112	157425	161.13	ng	-0.04
Spiked Amount 200.000			Recovery =	80.57%		
8) Phenol-d5	4.66	99	208281	161.70	ng	-0.02
Spiked Amount 200.000			Recovery =	80.85%		
21) Nitrobenzene-d5	5.43	128	34917	81.85	ng	-0.03
Spiked Amount 100.000			Recovery =	81.85%		
41) 2-Fluorobiphenyl	6.81	172	148437	78.97	ng	-0.04
Spiked Amount 100.000			Recovery =	78.97%		
64) 2,4,6-Tribromophenol	7.99	330	32781	162.99	ng	-0.05
Spiked Amount 200.000			Recovery =	81.50%		
80) Terphenyl-d14	10.42	244	139345	86.68	ng	-0.05
Spiked Amount 100.000			Recovery =	86.68%		
Target Compounds						Qvalue
30) Naphthalene	6.01	128	12664	3.36	ng	98
34) 2-Methylnaphthalene	6.53	142	3769	2.12	ng	88
47) Acenaphthylene	7.20	152	4047	1.17	ng	92
50) Acenaphthene	7.34	153	4101	1.97	ng	97
53) Dibenzofuran	7.48	168	3708	1.56	ng	86
57) Fluorene	7.77	166	7131	2.86	ng	78
70) Phenanthrene	8.68	178	58663	16.24	ng	100
71) Anthracene	8.73	178	14046	4.00	ng	89
72) Carbazole	8.90	167	5160	1.96	ng	95
76) Fluoranthene	9.95	202	79130	22.00	ng	90
78) Pyrene	10.19	202	78954	22.16	ng	93
82) Butylbenzylphthalate	11.03	149	2718	2.23	ng	84
85) Benzo[a]anthracene	11.60	228	35351	12.19	ng	96
86) Chrysene	11.64	228	38298	12.55	ng	96
87) bis(2-Ethylhexyl)phthalate	11.75	149	9177	6.18	ng	93
90) Benzo[b]fluoranthene	12.80	252	41130m	13.47	ng	
91) Benzo[k]fluoranthene	12.82	252	15465m	4.76	ng	
92) Benzo[a]pyrene	13.13	252	34419	11.73	ng	91
93) Indeno[1,2,3-cd]pyrene	14.19	276	16872	5.82	ng	82

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

BB7b

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18436.D Vial: 15
Acq On : 5 Jun 2006 15:07 Operator: AHD
Sample : AC23801-012 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:23 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

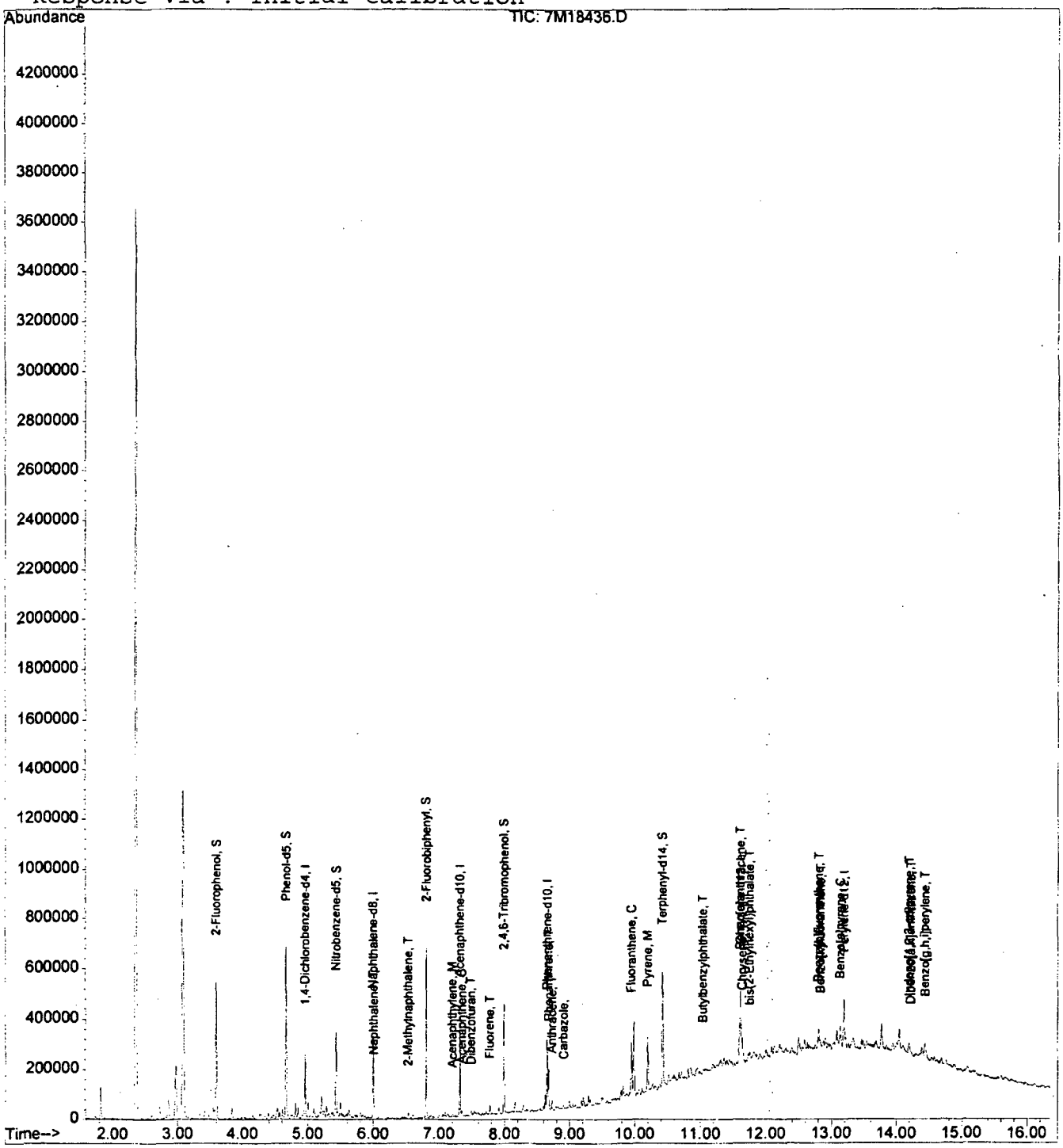
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
94) Dibenzo[a,h]anthracene	14.22	278	6395	2.62	ng	59
95) Benzo[g,h,i]perylene	14.44	276	22651m	8.58	ng	

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18436.D Vial: 15
Acq On : 5 Jun 2006 15:07 Operator: AHD
Sample : AC23801-012 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:23 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-013(3X)
Client Id: SS-13D 04000600
Data File: 7M18446.D
Analysis Date: 06/05/06 18:59
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 3
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	1.2	U	**205-99-2**	**Benzo[b]fluoranthene**	**1.2**	**1.8**
95-50-1	1,2-Dichlorobenzene	1.2	U	**191-24-2**	**Benzo[g,h,i]perylene**	**1.2**	**0.87 J**
122-66-7	1,2-Diphenylhydrazine	1.2	U	**207-08-9**	**Benzo[k]fluoranthene**	**1.2**	**0.62 J**
541-73-1	1,3-Dichlorobenzene	1.2	U	111-91-1	bis(2-Chloroethoxy)methan	1.2	U
106-46-7	1,4-Dichlorobenzene	1.2	U	111-44-4	bis(2-Chloroethyl)ether	1.2	U
95-95-4	2,4,5-Trichlorophenol	1.2	U	108-60-1	bis(2-chloroisopropyl)ether	1.2	U
88-06-2	2,4,6-Trichlorophenol	1.2	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**1.2**	**0.73 J**
120-83-2	2,4-Dichlorophenol	1.2	U	**85-68-7**	**Butylbenzylphthalate**	**1.2**	**0.30 J**
105-67-9	2,4-Dimethylphenol	1.2	U	**86-74-8**	**Carbazole**	**1.2**	**0.98 J**
51-28-5	2,4-Dinitrophenol	6.0	U	**218-01-9**	**Chrysene**	**1.2**	**1.5**
121-14-2	2,4-Dinitrotoluene	1.2	U	84-74-2	Di-n-butylphthalate	1.2	U
606-20-2	2,6-Dinitrotoluene	1.2	U	117-84-0	Di-n-octylphthalate	1.2	U
91-58-7	2-Chloronaphthalene	1.2	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**1.2**	**0.26 J**
95-57-8	2-Chlorophenol	1.2	U	**132-64-9**	**Dibenzofuran**	**1.2**	**0.30 J**
91-57-6	**2-Methylnaphthalene**	**1.2**	**0.26 J**	84-66-2	Diethylphthalate	1.2	U
95-48-7	2-Methylphenol	1.2	U	131-11-3	Dimethylphthalate	1.2	U
88-74-4	2-Nitroaniline	1.2	U	**206-44-0**	**Fluoranthene**	**1.2**	**3.2**
88-75-5	2-Nitrophenol	1.2	U	**86-73-7**	**Fluorene**	**1.2**	**0.42 J**
106-44-5	3&4-Methylphenol	1.2	U	118-74-1	Hexachlorobenzene	1.2	U
91-94-1	3,3'-Dichlorobenzidine	1.2	U	87-68-3	Hexachlorobutadiene	1.2	U
99-09-2	3-Nitroaniline	1.2	U	77-47-4	Hexachlorocyclopentadiene	1.2	U
534-52-1	4,6-Dinitro-2-methylphenol	3.0	U	67-72-1	Hexachloroethane	1.2	U
101-55-3	4-Bromophenyl-phenylether	1.2	U	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**1.2**	**0.82 J**
59-50-7	4-Chloro-3-methylphenol	1.2	U	78-59-1	Isophorone	1.2	U
106-47-8	4-Chloroaniline	1.2	U	621-64-7	N-Nitroso-di-n-propylamine	1.2	U
7005-72-3	4-Chlorophenyl-phenylether	1.2	U	62-75-9	N-Nitrosodimethylamine	1.2	U
100-01-6	4-Nitroaniline	1.2	U	86-30-6	n-Nitrosodiphenylamine	1.2	U
100-02-7	4-Nitrophenol	1.2	U	**91-20-3**	**Naphthalene**	**1.2**	**0.44 J**
83-32-9	**Acenaphthene**	**1.2**	**0.35 J**	98-95-3	Nitrobenzene	1.2	U
208-96-8	Acenaphthylene	1.2	U	87-86-5	Pentachlorophenol	3.0	U
120-12-7	**Anthracene**	**1.2**	**2.4**	**85-01-8**	**Phenanthrene**	**1.2**	**2.3**
92-87-5	Benzidine	3.0	U	108-95-2	Phenol	1.2	U
56-55-3	**Benzo[a]anthracene**	**1.2**	**1.5**	**129-00-0**	**Pyrene**	**1.2**	**2.7**
50-32-8	**Benzo[a]pyrene**	**1.2**	**1.3**				

Worksheet #: 28702

Total Target Concentration 23.05

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-013(3X) | Matrix: Soil
Client Id: SS-13D 04000600 | Initial Vol: 30g
Data File: 7M18446.D | Final Vol: 1ml
Analysis Date: 06/05/06 18:59 | Dilution: 3
Date Rec/Extracted: 06/01/06-06/05/06 | Solids: 84

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.35	45 JB
2	1072-05-5	Heptane, 2,6-dimethyl-	2.85	0.88 J
3	2216-33-3	Octane, 3-methyl-	2.97	2.4 JB
4	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.07	16 JAB
5	62016-28-8	Octane, 2,2,6-trimethyl-	4.52	1.9 J
6	4291-80-9	Cyclohexane, 1-methyl-3-propyl-	4.73	0.96 J
7	526-73-8	Benzene, 1,2,3-trimethyl-	4.80	1.2 J
8	629-78-7	Heptadecane	4.85	1.2 J
9		unknown	5.06	1.5 J
10	629-62-9	Pentadecane	5.09	3.8 J
11	16747-26-5	Hexane, 2,2,4-trimethyl-	5.22	5.4 J
12		unknown	5.29	2.6 J
13		unknown	5.32	1.3 J
14	18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	5.35	2.5 J
15	1120-21-4	Undecane	5.50	1.3 J
16		unknown	5.63	1.9 J
17	91531-64-5	(Z)-6,6-Dimethylcyclooct-4-en-1-one	5.72	0.92 J
18	95-93-2	Benzene, 1,2,4,5-tetramethyl-	5.80	1.0 J
19	17683-09-9	1-Triazene, 1-(4-methylphenyl)-3-(pheny	8.29	0.94 J
20	192-97-2	Benzo[e]pyrene	12.91	1.2 J
21		unknown	13.03	1.0 J
22	192-97-2	Benzo[e]pyrene	13.08	1.9 J
23		unknown	13.33	1.4 J
24	36728-72-0	28-NOR-17BETA(H)-HOPANE	13.77	2.5 J
25	36728-72-0	28-NOR-17BETA(H)-HOPANE	14.04	1.4 J

Worksheet #: 28702

Total Tentatively Identified Concentration 102.1

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

0089

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18446.D Vial: 25
Acq On : 5 Jun 2006 18:59 Operator: AHD
Sample : AC23801-013(3X) Inst : Gcms_7
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:24 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.96	152	27055	40.00	ng	-0.03
20) Naphthalene-d8	6.00	136	107634	40.00	ng	-0.02
36) Acenaphthene-d10	7.31	164	61805	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	91399	40.00	ng	-0.05
77) Chrysene-d12	11.61	240	80184	40.00	ng	-0.04
88) Perylene-d12	13.19	264	61014	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.59	112	53953	55.11	ng	-0.04
Spiked Amount 200.000			Recovery = 27.56%			
8) Phenol-d5	4.66	99	73504	56.95	ng	-0.03
Spiked Amount 200.000			Recovery = 28.48%			
21) Nitrobenzene-d5	5.43	128	12290	28.54	ng	-0.03
Spiked Amount 100.000			Recovery = 28.54%			
41) 2-Fluorobiphenyl	6.80	172	52710	27.46	ng	-0.04
Spiked Amount 100.000			Recovery = 27.46%			
64) 2,4,6-Tribromophenol	7.99	330	11853	57.08	ng	-0.05
Spiked Amount 200.000			Recovery = 28.54%			
80) Terphenyl-d14	10.42	244	50081	28.83	ng	-0.05
Spiked Amount 100.000			Recovery = 28.83%			
Target Compounds						Qvalue
30) Naphthalene	6.01	128	14077	3.71	ng	97
34) 2-Methylnaphthalene	6.53	142	3884	2.17	ng	97
50) Acenaphthene	7.34	153	6181	2.91	ng	91
53) Dibenzofuran	7.48	168	6042	2.50	ng	96
57) Fluorene	7.77	166	8966	3.53	ng	96
70) Phenanthrene	8.68	178	72710	19.49	ng	98
71) Anthracene	8.72	178	73927	20.37	ng	96
72) Carbazole	8.90	167	22347	8.21	ng	99
76) Fluoranthene	9.95	202	100602	27.09	ng	95
78) Pyrene	10.19	202	85675	22.26	ng	92
82) Butylbenzylphthalate	11.03	149	3361	2.55	ng	96
85) Benzo[a]anthracene	11.60	228	39625	12.65	ng	99
86) Chrysene	11.64	228	41105	12.47	ng	95
87) bis(2-Ethylhexyl)phthalate	11.75	149	9815	6.12	ng	90
90) Benzo[b]fluoranthene	12.80	252	50837m	15.45	ng	
91) Benzo[k]fluoranthene	12.83	252	18334m	5.23	ng	
92) Benzo[a]pyrene	13.13	252	35758	11.31	ng	88
93) Indeno[1,2,3-cd]pyrene	14.20	276	21393	6.86	ng	65
94) Dibenzo[a,h]anthracene	14.22	278	5849m	2.22	ng	

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

1676

Quantitation Report (QT/LSC Reviewed)

0090

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18446.D Vial: 25
Acq On : 5 Jun 2006 18:59 Operator: AHD
Sample : AC23801-013(3X) Inst : Gcms_7
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:24 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
95) Benzo[g,h,i]perylene	14.44	276	20703	7.28	ng	87

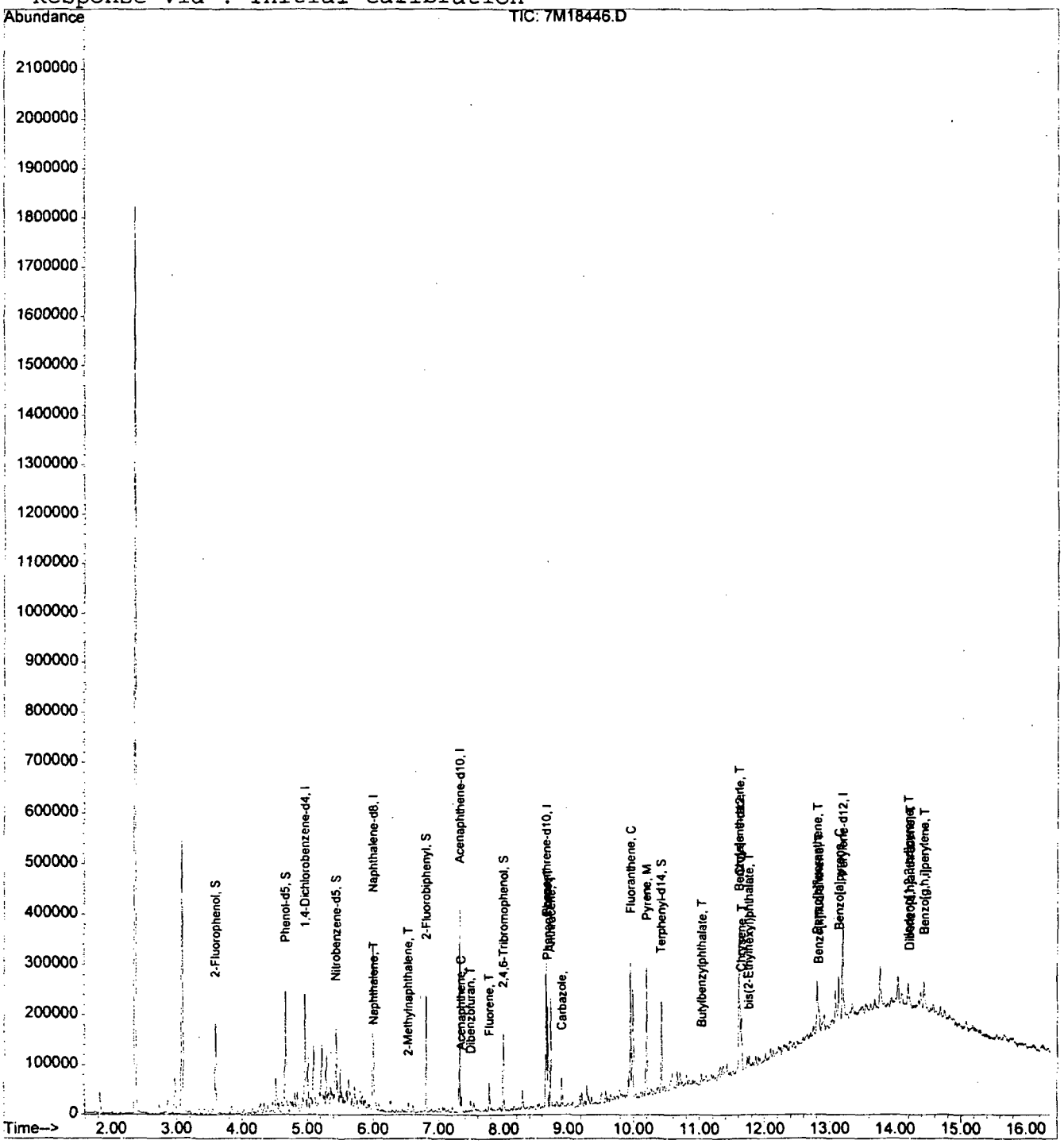
(#) = qualifier out of range (m) = manual integration

Quantitation Report

0091

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18446.D Vial: 25
Acq On : 5 Jun 2006 18:59 Operator: AHD
Sample : AC23801-013(3X) Inst : Gcms_7
Misc : S,BNA:3 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:24 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-014(50X)
Client Id: SS-13D 14001450
Data File: 7M18464.D
Analysis Date: 06/06/06 11:53
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 50
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	21	U	205-99-2	Benzo[b]fluoranthene	21	U
95-50-1	1,2-Dichlorobenzene	21	U	191-24-2	Benzo[g,h,i]perylene	21	U
122-66-7	1,2-Diphenylhydrazine	21	U	207-08-9	Benzo[k]fluoranthene	21	U
541-73-1	1,3-Dichlorobenzene	21	U	111-91-1	bis(2-Chloroethoxy)methan	21	U
106-46-7	1,4-Dichlorobenzene	21	U	111-44-4	bis(2-Chloroethyl)ether	21	U
95-95-4	2,4,5-Trichlorophenol	21	U	108-60-1	bis(2-chloroisopropyl)ether	21	U
88-06-2	2,4,6-Trichlorophenol	21	U	117-81-7	bis(2-Ethylhexyl)phthalate	21	U
120-83-2	2,4-Dichlorophenol	21	U	85-68-7	Butylbenzylphthalate	21	U
105-67-9	2,4-Dimethylphenol	21	U	86-74-8	Carbazole	21	U
51-28-5	2,4-Dinitrophenol	110	U	218-01-9	Chrysene	21	U
121-14-2	2,4-Dinitrotoluene	21	U	84-74-2	Di-n-butylphthalate	21	U
606-20-2	2,6-Dinitrotoluene	21	U	117-84-0	Di-n-octylphthalate	21	U
91-58-7	2-Chloronaphthalene	21	U	53-70-3	Dibenzo[a,h]anthracene	21	U
95-57-8	2-Chlorophenol	21	U	**132-64-9**	**Dibenzofuran**	**21**	**7.8 J**
91-57-6	**2-Methylnaphthalene**	**21**	**210**	84-66-2	Diethylphthalate	21	U
95-48-7	2-Methylphenol	21	U	131-11-3	Dimethylphthalate	21	U
88-74-4	2-Nitroaniline	21	U	**206-44-0**	**Fluoranthene**	**21**	**5.0 J**
88-75-5	2-Nitrophenol	21	U	**86-73-7**	**Fluorene**	**21**	**14 J**
106-44-5	3&4-Methylphenol	21	U	118-74-1	Hexachlorobenzene	21	U
91-94-1	3,3'-Dichlorobenzidine	21	U	87-68-3	Hexachlorobutadiene	21	U
99-09-2	3-Nitroaniline	21	U	77-47-4	Hexachlorocyclopentadiene	21	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U	67-72-1	Hexachloroethane	21	U
101-55-3	4-Bromophenyl-phenylether	21	U	193-39-5	Indeno[1,2,3-cd]pyrene	21	U
59-50-7	4-Chloro-3-methylphenol	21	U	78-59-1	Isophorone	21	U
106-47-8	4-Chloroaniline	21	U	621-64-7	N-Nitroso-di-n-propylamine	21	U
7005-72-3	4-Chlorophenyl-phenylether	21	U	62-75-9	N-Nitrosodimethylamine	21	U
100-01-6	4-Nitroaniline	21	U	86-30-6	n-Nitrosodiphenylamine	21	U
100-02-7	4-Nitrophenol	21	U	**91-20-3**	**Naphthalene**	**21**	**140**
83-32-9	**Acenaphthene**	**21**	**11 J**	98-95-3	Nitrobenzene	21	U
208-96-8	Acenaphthylene	21	U	87-86-5	Pentachlorophenol	53	U
120-12-7	**Anthracene**	**21**	**3.2 J**	**85-01-8**	**Phenanthrene**	**21**	**29**
92-87-5	Benzidine	53	U	108-95-2	Phenol	21	U
56-55-3	Benzo[a]anthracene	21	U	**129-00-0**	**Pyrene**	**21**	**4.9 J**
50-32-8	Benzo[a]pyrene	21	U				

Worksheet #: 29368

Total Target Concentration 424.9

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-014(50X)
Client Id: SS-13D 14001450
Data File: 7M18464.D
Analysis Date: 06/06/06 11:53
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 50
Solids: 79

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.35	76 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.08	22 JAB
3	1330-20-7	XYLENE	3.54	16 J
4	95-47-6	Benzene, 1,2-dimethyl-	3.82	13 J
5	622-96-8	Benzene, 1-ethyl-4-methyl-	4.53	11 J
6	108-67-8	Benzene, 1,3,5-trimethyl-	4.60	11 J
7	95-63-6	Benzene, 1,2,4-trimethyl-	4.80	33 J
8	124-18-5	Decane	4.84	13 J
9	622-96-8	Benzene, 1-ethyl-4-methyl-	5.00	11 J
10	496-11-7	1H-Indene, 2,3-dihydro-	5.10	10 J
11	95-13-6	1H-Indene	5.17	19 J
12	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	5.25	22 J
13	934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	5.42	21 J
14	112-41-4	1-Dodecene	5.45	11 J
15	90-12-0	Naphthalene, 1-methyl-	6.60	34 J
16	92-52-4	1,1'-Biphenyl	6.87	35 J
17	1127-76-0	Naphthalene, 1-ethyl-	6.94	14 J
18	575-41-7	Naphthalene, 1,3-dimethyl-	7.00	21 J
19	581-40-8	Naphthalene, 2,3-dimethyl-	7.05	29 J
20	575-41-7	Naphthalene, 1,3-dimethyl-	7.07	13 J
21	575-41-7	Naphthalene, 1,3-dimethyl-	7.14	15 J

Worksheet #: 29368

Total Tentatively Identified Concentration 450

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18464.D Vial: 5
Acq On : 6 Jun 2006 11:53 Operator: AHD
Sample : AC23801-014(50X) Inst : Gcms_7
Misc : S,BNA:50 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:24 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

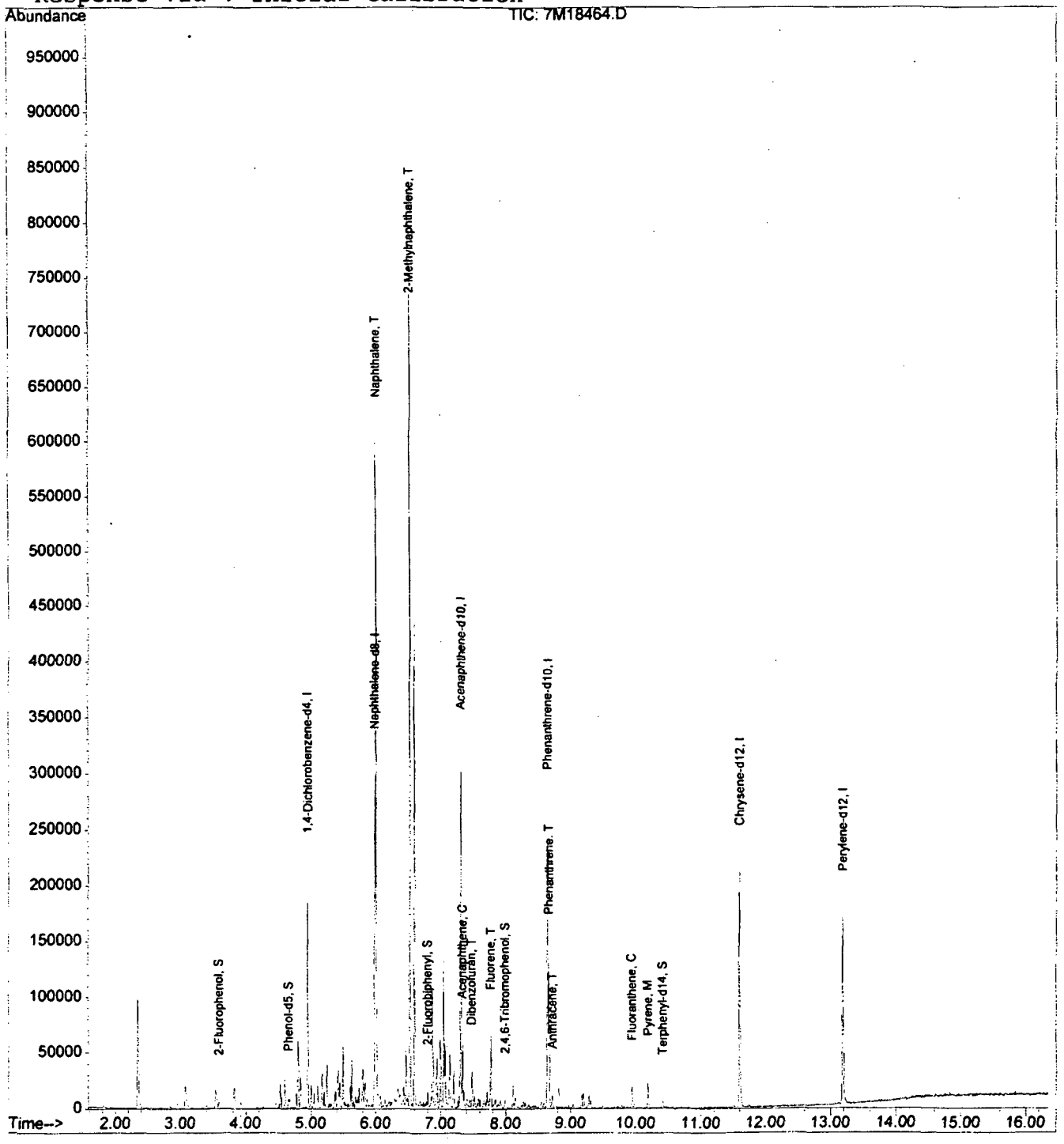
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	21364	40.00 ng	-0.04
20) Naphthalene-d8	5.99	136	88302	40.00 ng	-0.03
36) Acenaphthene-d10	7.31	164	52553	40.00 ng	-0.04
61) Phenanthrene-d10	8.65	188	77184	40.00 ng	-0.05
77) Chrysene-d12	11.60	240	69732	40.00 ng	-0.05
88) Perylene-d12	13.18	264	52916	40.00 ng	-0.06
System Monitoring Compounds					
4) 2-Fluorophenol	3.59	112	2090	2.70 ng	-0.05
Spiked Amount 200.000			Recovery =	1.35%	
8) Phenol-d5	4.66	99	2949	2.89 ng	-0.03
Spiked Amount 200.000			Recovery =	1.45%	
21) Nitrobenzene-d5	0.00	128	0	0.00 ng	
Spiked Amount 100.000			Recovery =	0.00%	
41) 2-Fluorobiphenyl	6.80	172	2761	1.69 ng	-0.04
Spiked Amount 100.000			Recovery =	1.69%	
64) 2,4,6-Tribromophenol	7.98	330	376	2.14 ng	-0.05
Spiked Amount 200.000			Recovery =	1.07%	
80) Terphenyl-d14	10.42	244	2680	1.77 ng	-0.05
Spiked Amount 100.000			Recovery =	1.77%	
Target Compounds					Qvalue
30) Naphthalene	6.00	128	205473	65.92 ng	99
34) 2-Methylnaphthalene	6.53	142	148909	101.18 ng	97
50) Acenaphthene	7.34	153	9293	5.14 ng	97
53) Dibenzofuran	7.48	168	7604	3.70 ng	94
57) Fluorene	7.77	166	14834	6.86 ng	93
70) Phenanthrene	8.67	178	42922	13.62 ng	98
71) Anthracene	8.72	178	4708	1.54 ng	89
76) Fluoranthene	9.94	202	7423	2.37 ng	99
78) Pyrene	10.19	202	7786	2.33 ng	92

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18464.D Vial: 5
Acq On : 6 Jun 2006 11:53 Operator: AHD
Sample : AC23801-014(50X) Inst : Gcms_7
Misc : S,BNA:50 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:24 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23801-015
Client Id: SS-13D 19502000
Data File: 7M18438.D
Analysis Date: 06/05/06 15:53
Date Rec/Extracted: 06/01/06-06/05/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.41	U	205-99-2	Benzo[b]fluoranthene	0.41	U
95-50-1	1,2-Dichlorobenzene	0.41	U	191-24-2	Benzo[g,h,i]perylene	0.41	U
122-66-7	1,2-Diphenylhydrazine	0.41	U	207-08-9	Benzo[k]fluoranthene	0.41	U
541-73-1	1,3-Dichlorobenzene	0.41	U	111-91-1	bis(2-Chloroethoxy)methan	0.41	U
106-46-7	1,4-Dichlorobenzene	0.41	U	111-44-4	bis(2-Chloroethyl)ether	0.41	U
95-95-4	2,4,5-Trichlorophenol	0.41	U	108-60-1	bis(2-chloroisopropyl)ether	0.41	U
88-06-2	2,4,6-Trichlorophenol	0.41	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.41**	**0.41 J**
120-83-2	2,4-Dichlorophenol	0.41	U	85-68-7	Butylbenzylphthalate	0.41	U
105-67-9	**2,4-Dimethylphenol**	**0.41**	**0.099 J**	86-74-8	Carbazole	0.41	U
51-28-5	2,4-Dinitrophenol	2.1	U	218-01-9	Chrysene	0.41	U
121-14-2	2,4-Dinitrotoluene	0.41	U	84-74-2	Di-n-butylphthalate	0.41	U
606-20-2	2,6-Dinitrotoluene	0.41	U	**117-84-0**	**Di-n-octylphthalate**	**0.41**	**0.049 J**
91-58-7	2-Chloronaphthalene	0.41	U	53-70-3	Dibenzo[a,h]anthracene	0.41	U
95-57-8	2-Chlorophenol	0.41	U	**132-64-9**	**Dibenzofuran**	**0.41**	**0.044 J**
91-57-6	**2-Methylnaphthalene**	**0.41**	**0.39 J**	84-66-2	Diethylphthalate	0.41	U
95-48-7	2-Methylphenol	0.41	U	131-11-3	Dimethylphthalate	0.41	U
88-74-4	2-Nitroaniline	0.41	U	206-44-0	Fluoranthene	0.41	U
88-75-5	2-Nitrophenol	0.41	U	**86-73-7**	**Fluorene**	**0.41**	**0.045 J**
106-44-5	**3&4-Methylphenol**	**0.41**	**0.064 J**	118-74-1	Hexachlorobenzene	0.41	U
91-94-1	3,3'-Dichlorobenzidine	0.41	U	87-68-3	Hexachlorobutadiene	0.41	U
99-09-2	3-Nitroaniline	0.41	U	77-47-4	Hexachlorocyclopentadiene	0.41	U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	U	67-72-1	Hexachloroethane	0.41	U
101-55-3	4-Bromophenyl-phenylether	0.41	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.41	U
59-50-7	4-Chloro-3-methylphenol	0.41	U	78-59-1	Isophorone	0.41	U
106-47-8	4-Chloroaniline	0.41	U	621-64-7	N-Nitroso-di-n-propylamine	0.41	U
7005-72-3	4-Chlorophenyl-phenylether	0.41	U	62-75-9	N-Nitrosodimethylamine	0.41	U
100-01-6	4-Nitroaniline	0.41	U	86-30-6	n-Nitrosodiphenylamine	0.41	U
100-02-7	4-Nitrophenol	0.41	U	**91-20-3**	**Naphthalene**	**0.41**	**0.49**
83-32-9	**Acenaphthene**	**0.41**	**0.056 J**	98-95-3	Nitrobenzene	0.41	U
208-96-8	Acenaphthylene	0.41	U	87-86-5	Pentachlorophenol	1.0	U
120-12-7	Anthracene	0.41	U	**85-01-8**	**Phenanthrene**	**0.41**	**0.049 J**
92-87-5	Benzidine	1.0	U	108-95-2	Phenol	0.41	U
56-55-3	Benzo[a]anthracene	0.41	U	129-00-0	Pyrene	0.41	U
50-32-8	Benzo[a]pyrene	0.41	U				

Worksheet #: 29368

Total Target Concentration 1.696

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23801-015 | Matrix: Soil
Client Id: SS-13D 19502000 | Initial Vol: 30g
Data File: 7M18438.D | Final Vol: 1ml
Analysis Date: 06/05/06 15:53 | Dilution: 1
Date Rec/Extracted: 06/01/06-06/05/06 | Solids: 81

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.81	1.1 JB
2	141-79-7	3-Penten-2-one, 4-methyl-	2.37	47 JB
3		unknown	2.60	0.19 J
4	2213-23-2	Heptane, 2,4-dimethyl-	2.72	0.85 JB
5	17312-50-4	Decane, 2,5-dimethyl-	2.81	0.17 JB
6	1072-05-5	Heptane, 2,6-dimethyl-	2.85	1.0 J
7	2216-33-3	Octane, 3-methyl-	2.97	2.9 JB
8	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.08	19 JAB
9		unknown	3.34	0.28 J
10	544-76-3	Hexadecane	3.48	0.23 J
11	526-73-8	Benzene, 1,2,3-trimethyl-	4.80	0.23 J
12	90-12-0	Naphthalene, 1-methyl-	6.60	0.19 J
13		unknown	7.09	0.20 J

Worksheet #: 29368

Total Tentatively Identified Concentration 73.34

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

0098

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18438.D Vial: 17
Acq On : 5 Jun 2006 15:53 Operator: AHD
Sample : AC23801-015 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:25 2006 Quant Results File: 7M_0530.RES

Quant Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration
DataAcq Meth : 7M_RUN7

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.96	152	28811	40.00	ng	-0.03
20) Naphthalene-d8	6.00	136	113401	40.00	ng	-0.02
36) Acenaphthene-d10	7.31	164	65125	40.00	ng	-0.04
61) Phenanthrene-d10	8.65	188	94808	40.00	ng	-0.05
77) Chrysene-d12	11.61	240	82549	40.00	ng	-0.04
88) Perylene-d12	13.19	264	61041	40.00	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	3.59	112	161152	154.58	ng	-0.04
Spiked Amount 200.000			Recovery = 77.29%			
8) Phenol-d5	4.66	99	220370	160.33	ng	-0.02
Spiked Amount 200.000			Recovery = 80.17%			
21) Nitrobenzene-d5	5.43	128	38016	83.80	ng	-0.03
Spiked Amount 100.000			Recovery = 83.80%			
41) 2-Fluorobiphenyl	6.80	172	161163	79.68	ng	-0.04
Spiked Amount 100.000			Recovery = 79.68%			
64) 2,4,6-Tribromophenol	7.99	330	37353	173.41	ng	-0.05
Spiked Amount 200.000			Recovery = 86.71%			
80) Terphenyl-d14	10.42	244	156092	87.29	ng	-0.05
Spiked Amount 100.000			Recovery = 87.29%			
Target Compounds						Qvalue
19) 3&4-Methylphenol	5.35	108	1689	1.56	ng	66
25) 2,4-Dimethylphenol	5.76	107	2505	2.40	ng	83
30) Naphthalene	6.01	128	47264	11.81	ng	98
34) 2-Methylnaphthalene	6.53	142	17947	9.50	ng	99
50) Acenaphthene	7.34	153	3022	1.35	ng	97
53) Dibenzofuran	7.48	168	2745	1.08	ng	91
57) Fluorene	7.77	166	2945	1.10	ng	93
70) Phenanthrene	8.68	178	4551	1.18	ng	88
87) bis(2-Ethylhexyl)phthalate	11.76	149	16299	9.87	ng	69
89) Di-n-octylphthalate	12.50	149	2945	1.19	ng	95

JM 6/7/06

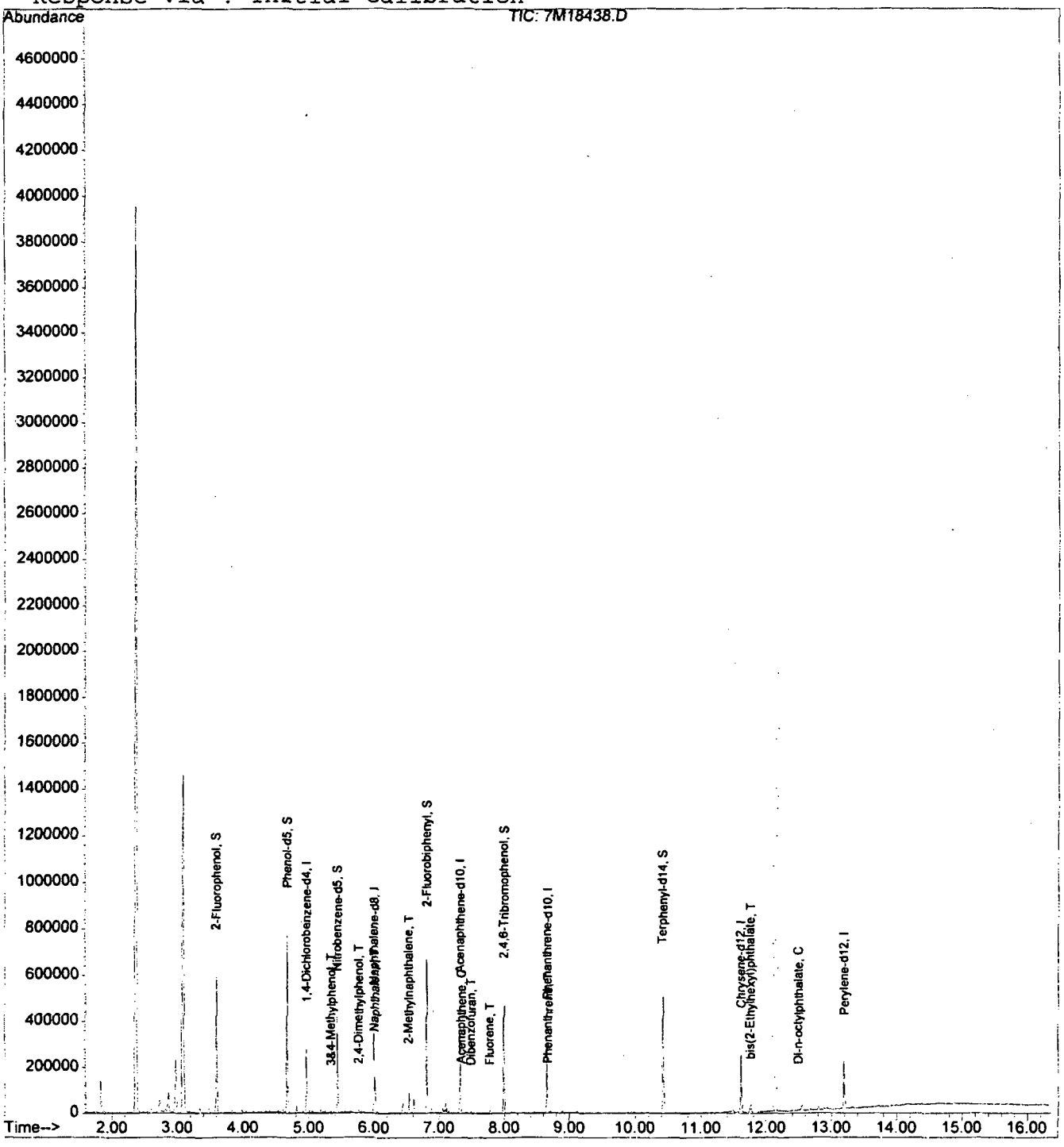
(#) = qualifier out of range (m) = manual integration

Quantitation Report

6600

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18438.D Vial: 17
Acq On : 5 Jun 2006 15:53 Operator: AHD
Sample : AC23801-015 Inst : Gcms_7
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 15:25 2006 Quant Results File: 7M_0530.RES

Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270
Last Update : Tue May 30 14:50:31 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G Project #: 6060214
TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC23801-004	SS-25A24502550	Soil	1	64	Percent			06/05/06	06/01/06	05/31/06
AC23801-005	SS-25A16001750	Soil	1	80	Percent			06/05/06	06/01/06	05/31/06
AC23801-006	SS-25A 21002200	Soil	1	83	Percent			06/05/06	06/01/06	05/31/06
AC23801-007	SS-19.5C1 10001	Soil	1	91	Percent			06/05/06	06/01/06	05/31/06
AC23801-010	SS-18D 1000	Soil	1	88	Percent			06/08/06	06/01/06	06/01/06
AC23801-011	SS-18D 1100	Soil	1	92	Percent			06/08/06	06/01/06	06/01/06
AC23801-012	SS-13D 06000800	Soil/Encore	1	87	Percent			06/05/06	06/01/06	06/01/06
AC23801-013	SS-13D 04000600	Soil/Encore	1	84	Percent			06/05/06	06/01/06	06/01/06
AC23801-014	SS-13D 14001450	Soil/Encore	1	79	Percent			06/05/06	06/01/06	06/01/06
AC23801-015	SS-13D 19502000	Soil/Encore	1	81	Percent			06/05/06	06/01/06	06/01/06

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3M22907.	DAILY BLANK	Methanol	1		97	101	96	93		
3M23055.	DAILY BLANK	Methanol	1		95	92	96	94		
6M06263.	DAILY BLANK	Methanol	1		93	96	102	100		
3M23058.	AC23801-012	Methanol	1		94	95	95	92		
6M06264.	AC23801-013	Methanol	1		90	96	103	94		
3M23063.	AC23801-014	Methanol	1		95	94	90	96		
3M23060.	AC23801-015	Methanol	1		95	94	94	92		
3M22912.	MBS3564	Methanol	1		95	99	97	94		
3M22916.	AC23676-003(MS)	Methanol	1		97	100	100	90		
3M22917.	AC23676-003(MSD)	Methanol	1		103	102	99	91		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	50-150
S2=1,2-Dichloroethane-d4	30	80-120
S3=Toluene-d8	30	81-117
S4=Bromofluorobenzene	30	74-121

FORM 3

Spike Recovery

Batch Number: MBS3564
Mbs Name: MBS3564
Ns Name: AC23676-003
Ms Name: AC23676-003(MS)
Msd Name: AC23676-003(MSD

Mbs File: 3M22912.D
Non Spk'd File: 3M22909.D
Spike File: 3M22916.D
Spike Dup File: 3M22917.D
Matrix: Methanol
Method: 8260

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,1-Dichloroethene	1	0	20	59	172	22	16.91	0.00	19.09	20.73	85	95	104	8.2
Trichloroethene	1	0	20	62	137	24	17.84	3.94	18.67	18.91	89	74	75	1.3
Benzene	1	0	20	66	142	21	17.00	0.00	17.66	17.57	85	88	88	0.51
Toluene	1	0	20	59	139	21	18.35	0.00	19.73	18.97	92	99	95	3.9
Chlorobenzene	1	0	20	60	133	21	17.79	0.00	19.67	18.66	89	98	93	5.3

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M22907.D
Matrix: Methanol

Blank Analysis Date: 05/30/06 10:40
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23676-003(MSD	3M22917.D	05/30/06 14:58
AC23676-003(MS)	3M22916.D	05/30/06 14:34
MBS3564	3M22912.D	05/30/06 12:54

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M23055.D
Matrix: Methanol

Blank Analysis Date: 06/05/06 10:10
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23801-012	3M23058.D	06/05/06 11:26
AC23801-014	3M23063.D	06/05/06 13:31
AC23801-015	3M23060.D	06/05/06 12:15

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M06263.D
Matrix: Methanol

Blank Analysis Date: 06/06/06 10:25
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23801-013	6M06264.D	06/06/06 10:50

Form 5

Tune Name: BFB TUNE **Data File:** 3M22623.D
Instrument: GCMS 3 **Analysis Date:** 05/19/06 13:13

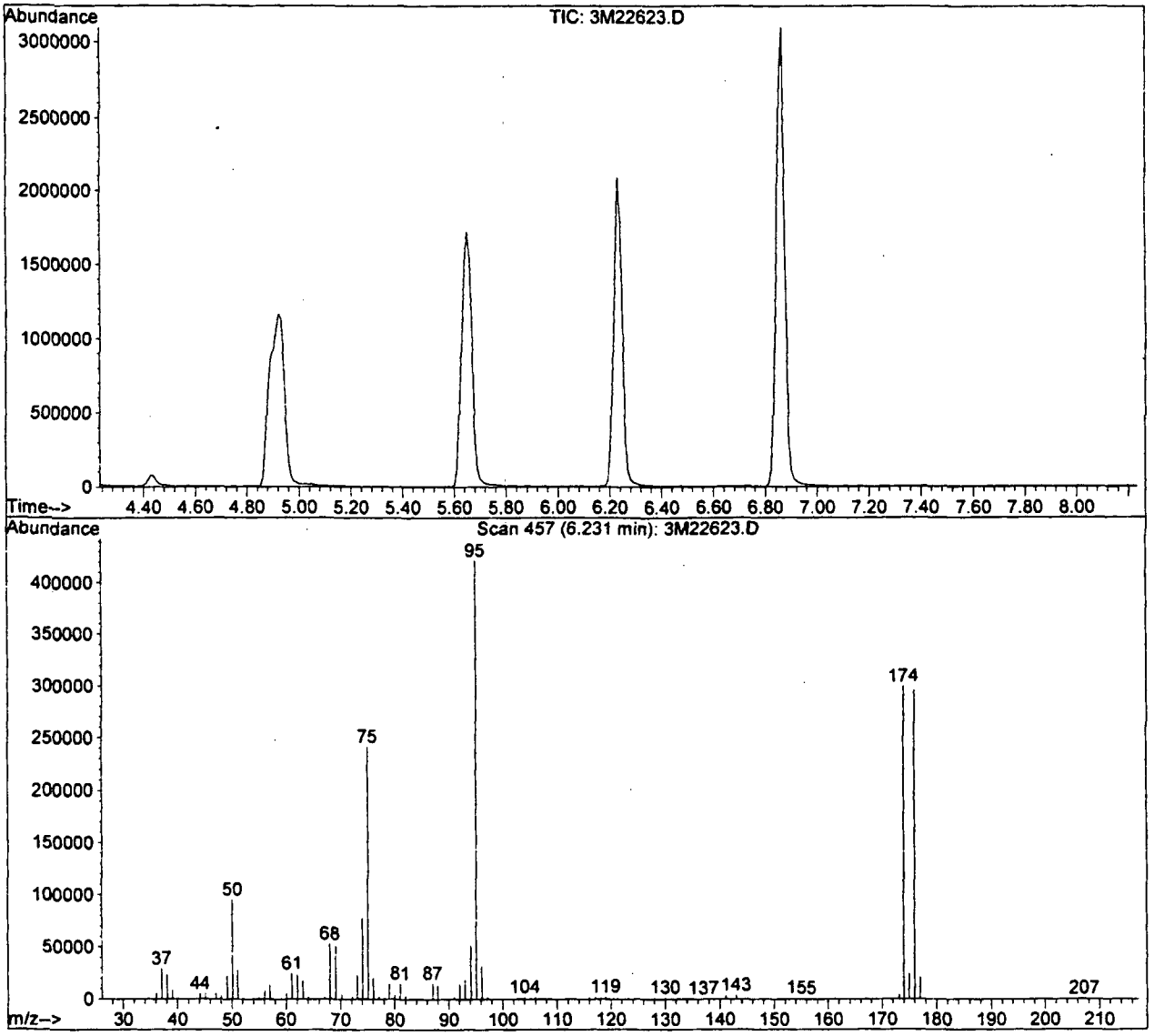
Tune Scan/Time Range: Scan 457

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.6	95192	PASS
75	95	30	60	57.2	241344	PASS
95	95	100	100	100.0	421760	PASS
96	95	5	9	7.5	31744	PASS
173	174	0.00	2	1.4	4166	PASS
174	95	50	100	71.1	299712	PASS
175	174	5	9	8.0	24032	PASS
176	174	95	101	98.5	295360	PASS
177	176	5	9	6.9	20512	PASS

Data File	Sample Number	Analysis Date:
3M22624.D	CAL @ 20 PPB	05/19/06 13:28
3M22625.D	CAL @ 500 PPB	05/19/06 13:57
3M22626.D	CAL @ 100 PPB	05/19/06 14:20
3M22627.D	CAL @ 50 PPB	05/19/06 14:44
3M22628.D	CAL @ 20 PPB	05/19/06 15:07
3M22629.D	CAL @ 10 PPB	05/19/06 15:30
3M22630.D	CAL @ 5 PPB	05/19/06 15:53
3M22631.D	CAL @ 1 PPB	05/19/06 16:17
3M22632.D	DAILY BLANK	05/19/06 16:40
3M22633.D	DAILY BLANK	05/19/06 17:03
3M22634.D	AC23386-001	05/19/06 17:26
3M22635.D	MBS3532	05/19/06 17:49
3M22636.D	AC23486-013(200	05/19/06 18:12
3M22637.D	AC23486-014(200	05/19/06 18:35
3M22638.D	AC23462-014	05/19/06 18:59
3M22639.D	AC23553-010	05/19/06 19:22
3M22640.D	AC23553-011	05/19/06 19:45
3M22641.D	AC23486-010	05/19/06 20:08
3M22642.D	AC23486-016	05/19/06 20:31
3M22643.D	AC23486-017	05/19/06 20:54
3M22644.D	AC23553-001	05/19/06 21:17
3M22645.D	AC23553-007	05/19/06 21:40
3M22646.D	AC23553-008	05/19/06 22:03
3M22647.D	AC23553-002(50X)	05/19/06 22:29
3M22648.D	AC23553-003(50X)	05/19/06 22:55
3M22649.D	AC23553-004(100	05/19/06 23:20
3M22650.D	AC23553-005(100	05/19/06 23:46
3M22651.D	AC23553-006(100	05/20/06 00:11
3M22652.D	AC23553-009(100	05/20/06 00:37
3M22653.D	AC23504-007(200u	05/20/06 01:00
3M22654.D	MBS3533	05/20/06 01:23
3M22655.D	AC23528-001(MS)	05/20/06 01:46
3M22656.D	AC23528-001(MSD	05/20/06 02:09
3M22657.D	AC23541-001	05/20/06 02:32
3M22658.D	AC23541-002	05/20/06 02:55
3M22659.D	AC23543-001	05/20/06 03:18
3M22660.D	AC23543-002	05/20/06 03:41
3M22661.D	AC23544-002	05/20/06 04:04
3M22662.D	AC23544-003	05/20/06 04:27
3M22663.D	AC23545-003	05/20/06 04:50
3M22664.D	AC23541-003	05/20/06 05:14
3M22665.D	AC23541-004	05/20/06 05:37
3M22666.D	AC23541-005	05/20/06 06:00
3M22667.D	AC23541-006	05/20/06 06:22
3M22668.D	AC23541-007	05/20/06 06:45
3M22669.D	AC23541-008	05/20/06 07:08
3M22670.D	AC23541-009	05/20/06 07:31
3M22671.D	AC23541-010	05/20/06 07:55
3M22672.D	AC23541-011	05/20/06 08:18
3M22673.D	AC23526-002	05/20/06 08:42
3M22674.D	AC23526-003	05/20/06 09:06
3M22675.D	BLK	05/22/06 06:34
3M22676.D	BLK	05/22/06 06:58

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\05-19-06\3M22623.D Vial: 1
Acq On : 19 May 2006 13:13 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0502.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Scan 457

DTW 6/7/16

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	95192	PASS
75	95	30	60	57.2	241344	PASS
95	95	100	100	100.0	421760	PASS
96	95	5	9	7.5	31744	PASS
173	174	0.00	2	1.4	4166	PASS
174	95	50	100	71.1	299712	PASS
175	174	5	9	8.0	24032	PASS
176	174	95	101	98.5	295360	PASS
177	176	5	9	6.9	20512	PASS

3M22623.D 3M_A0502.M Wed Jun 07 12:01:24 2006 ORG_P933

Form 5

Tune Name: BFB TUNE **Data File:** 3M22904.D
Instrument: GCMS 3 **Analysis Date:** 05/30/06 09:28

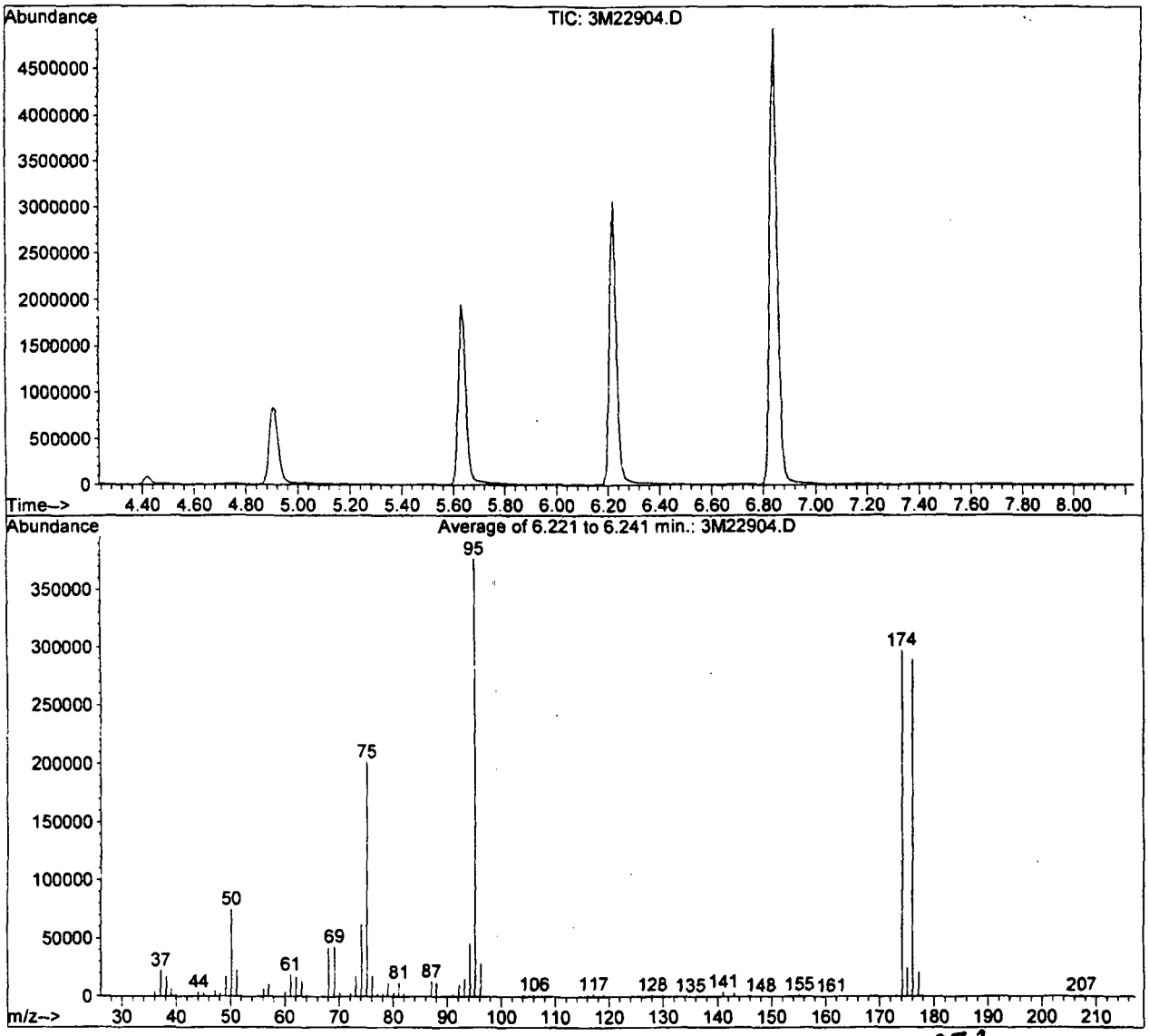
Tune Scan/Time Range: Average of 6.221 to 6.241 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	19.9	75008	PASS
75	95	30	60	53.4	201525	PASS
95	95	100	100	100.0	377195	PASS
96	95	5	9	7.6	28796	PASS
173	174	0.00	2	0.4	1216	PASS
174	95	50	100	78.8	297128	PASS
175	174	5	9	8.2	24329	PASS
176	174	95	101	97.2	288848	PASS
177	176	5	9	7.1	20538	PASS

Data File	Sample Number	Analysis Date:
3M22905.D	CAL @ 20 PPB	05/30/06 09:45
3M22906.D	DAILY BLANK	05/30/06 10:14
3M22907.D	DAILY BLANK	05/30/06 10:40
3M22908.D	AC23602-005	05/30/06 11:07
3M22909.D	AC23676-003	05/30/06 11:33
3M22910.D	AC23678-001	05/30/06 12:01
3M22911.D	AC23486-009	05/30/06 12:27
3M22912.D	MBS3564	05/30/06 12:54
3M22913.D	AC23639-011	05/30/06 13:19
3M22914.D	AC23659-002	05/30/06 13:44
3M22915.D	AC23659-003	05/30/06 14:09
3M22916.D	AC23676-003(MS)	05/30/06 14:34
3M22917.D	AC23676-003(MSD	05/30/06 14:58
3M22918.D	AC23695-019	05/30/06 15:23
3M22919.D	AC23692-001	05/30/06 15:50
3M22920.D	AC23692-002	05/30/06 16:14
3M22921.D	AC23721-001	05/30/06 16:39
3M22922.D	AC23721-003	05/30/06 17:03
3M22923.D	AC23721-004	05/30/06 17:27
3M22924.D	AC23695-001	05/30/06 17:52
3M22925.D	AC23695-002	05/30/06 18:16
3M22926.D	AC23695-003	05/30/06 18:41
3M22927.D	AC23695-004	05/30/06 19:05
3M22928.D	AC23695-005	05/30/06 19:30
3M22929.D	AC23695-006	05/30/06 19:54
3M22930.D	AC23695-007	05/30/06 20:18
3M22931.D	AC23695-011	05/30/06 20:43
3M22932.D	AC23695-012	05/30/06 21:07
3M22933.D	AC23695-013	05/30/06 21:32
3M22934.D	BLK	05/30/06 21:57
3M22935.D	MBS3566	05/30/06 22:21
3M22936.D	AC23680-003(MS)	05/30/06 22:45
3M22937.D	AC23680-003(MSD	05/30/06 23:10
3M22938.D	AC23718-002	05/30/06 23:34
3M22939.D	AC23704-020	05/30/06 23:59
3M22940.D	AC23704-021	05/31/06 00:23
3M22941.D	AC23711-001	05/31/06 00:48
3M22942.D	AC23711-002	05/31/06 01:12
3M22943.D	AC23713-001	05/31/06 01:37
3M22944.D	AC23713-002	05/31/06 02:02
3M22945.D	AC23714-002	05/31/06 02:26
3M22946.D	AC23714-003	05/31/06 02:51
3M22947.D	AC23715-002	05/31/06 03:15
3M22948.D	AC23715-003	05/31/06 03:40
3M22949.D	AC23716-009	05/31/06 04:04
3M22950.D	AC23716-010	05/31/06 04:29
3M22951.D	AC23720-001	05/31/06 06:55
3M22952.D	AC23704-018	05/31/06 07:20
3M22953.D	AC23704-019	05/31/06 07:44
3M22954.D	AC23719-001	05/31/06 08:08
3M22955.D	AC23718-001(100	05/31/06 08:33
3M22956.D	BLK	05/31/06 08:57

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\05-30-06\3M22904.D Vial: 1
Acq On : 30 May 2006 9:28 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Average of 6.221 to 6.241 min.

DTW 6/7/06

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	75008	PASS
75	95	30	60	53.4	201525	PASS
95	95	100	100	100.0	377195	PASS
96	95	5	9	7.6	28796	PASS
173	174	0.00	2	0.4	1216	PASS
174	95	50	100	78.8	297128	PASS
175	174	5	9	8.2	24329	PASS
176	174	95	101	97.2	288848	PASS
177	176	5	9	7.1	20538	PASS

3M22904.D 3M_A0519.M Wed Jun 07 12:01:27 2006 ORG_P933

Form 5

Tune Name: BFB TUNE **Data File:** 6M06081.D
Instrument: GCMS 6 **Analysis Date:** 06/01/06 06:54

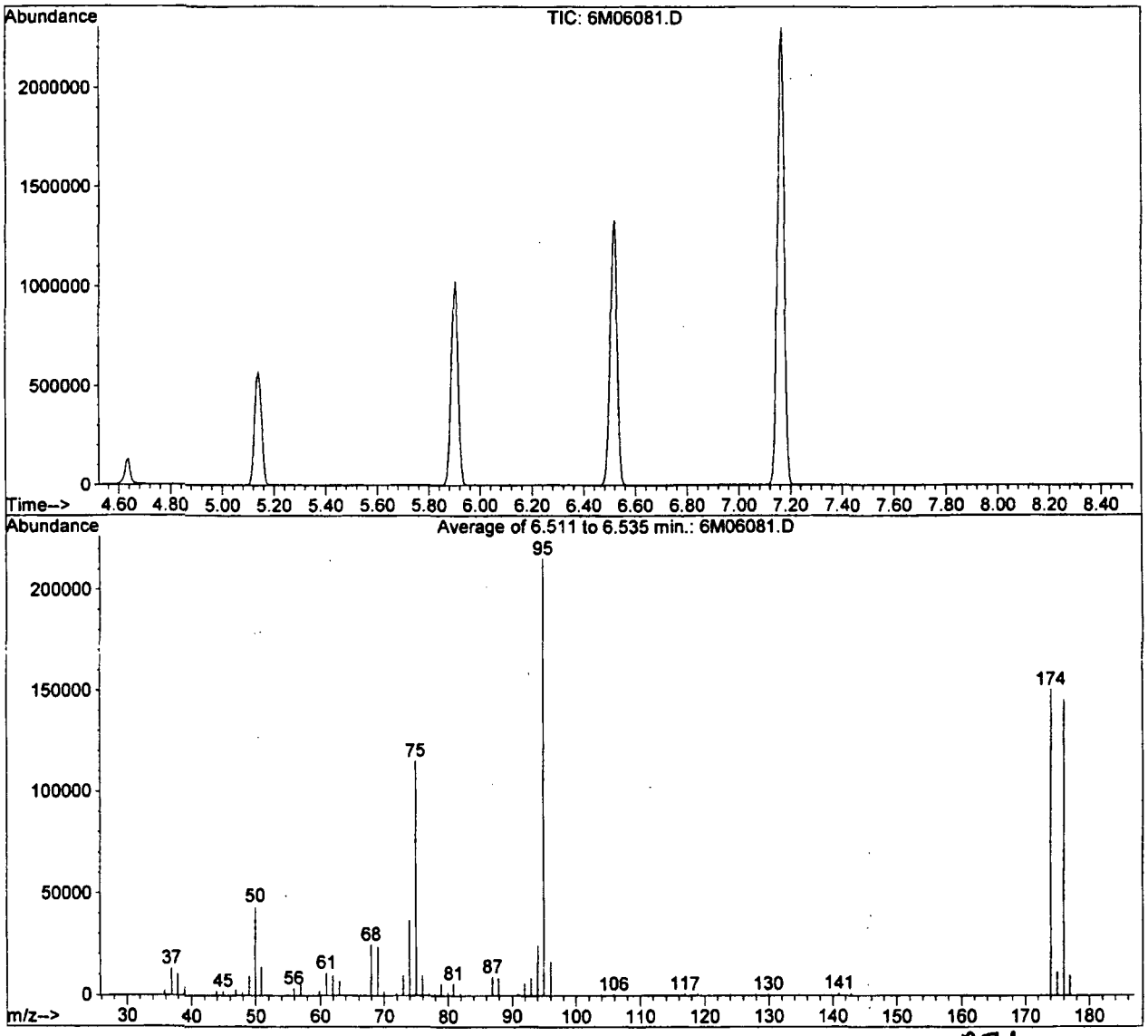
Tune Scan/Time Range: Average of 6.511 to 6.535 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.3	43864	PASS
75	95	30	60	53.5	115330	PASS
95	95	100	100	100.0	215765	PASS
96	95	5	9	7.7	16617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.7	150384	PASS
175	174	5	9	7.7	11621	PASS
176	174	95	101	96.5	145158	PASS
177	176	5	9	6.9	9970	PASS

Data File	Sample Number	Analysis Date:
6M06082.D	CAL @ 500 PPB	06/01/06 07:11
6M06083.D	CAL @ 100 PPB	06/01/06 07:36
6M06084.D	CAL @ 50 PPB	06/01/06 07:59
6M06085.D	CAL @ 20 PPB	06/01/06 08:24
6M06086.D	CAL @ 10 PPB	06/01/06 08:48
6M06087.D	CAL @ 5 PPB	06/01/06 09:12
6M06088.D	CAL @ 1 PPB	06/01/06 09:36
6M06089.D	DAILY BLANK	06/01/06 10:00
6M06090.D	DAILY BLANK	06/01/06 10:23
6M06091.D	AC23715-001	06/01/06 10:47
6M06092.D	AC23705-001	06/01/06 11:11
6M06093.D	MBS3572	06/01/06 11:34
6M06094.D	AC23703-004(MS)	06/01/06 11:57
6M06095.D	AC23703-004(MSD	06/01/06 13:09
6M06096.D	AC23754-001	06/01/06 13:33
6M06097.D	AC23754-002	06/01/06 13:57
6M06098.D	AC23754-003	06/01/06 14:21
6M06099.D	AC23754-004	06/01/06 14:45
6M06100.D	EF-1V14501(06010	06/01/06 15:09
6M06101.D	AC23733-002(T)	06/01/06 15:33
6M06102.D	AC23733-003(T)	06/01/06 15:56
6M06103.D	MBS3573	06/01/06 16:20
6M06104.D	AC23754-006	06/01/06 16:44
6M06105.D	AC23670-002	06/01/06 17:08
6M06106.D	AC23716-003(MS)	06/01/06 17:32
6M06107.D	AC23716-003(MSD	06/01/06 17:56
6M06108.D	AC23744-002	06/01/06 18:21
6M06109.D	AC23744-003	06/01/06 18:44
6M06110.D	AC23754-008	06/01/06 19:07
6M06111.D	AC23759-001	06/01/06 19:30
6M06112.D	AC23759-002	06/01/06 19:53
6M06113.D	AC23769-005	06/01/06 20:17
6M06114.D	AC23769-011	06/01/06 20:40
6M06115.D	AC23772-002	06/01/06 21:03
6M06116.D	AC23760-001	06/01/06 21:26
6M06117.D	AC23760-002	06/01/06 21:49
6M06118.D	AC23761-001	06/01/06 22:12
6M06119.D	AC23761-002	06/01/06 22:35
6M06120.D	AC23762-001	06/01/06 22:59
6M06121.D	AC23762-002	06/01/06 23:22
6M06122.D	AC23763-001	06/01/06 23:45
6M06123.D	AC23763-002	06/02/06 00:08
6M06124.D	AC23717-001	06/02/06 00:31
6M06125.D	AC23717-003	06/02/06 00:55
6M06126.D	AC23735-003	06/02/06 01:18
6M06127.D	AC23735-004	06/02/06 01:41
6M06128.D	AC23741-009	06/02/06 02:04
6M06129.D	AC23741-010	06/02/06 02:27
6M06130.D	AC23741-011	06/02/06 02:51
6M06131.D	AC23744-001	06/02/06 03:14
6M06132.D	AC23769-001	06/02/06 03:38
6M06133.D	AC23769-002	06/02/06 04:01
6M06134.D	AC23769-003	06/02/06 04:24
6M06135.D	AC23769-004	06/02/06 04:48
6M06136.D	BLK	06/02/06 07:13

CLPBFB

Data File : G:\GcMsData\2006\GCMS_6\Data\06-01-06\6M06081.D Vial: 1
Acq On : 1 Jun 2006 6:54 Operator: DB
Sample : BFB TUNE Inst : GCMS_6
Misc : A,5mL Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0502.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260



Spectrum Information: Average of 6.511 to 6.535 min.

DTW 6/7/6

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	43864	PASS
75	95	30	60	53.5	115330	PASS
95	95	100	100	100.0	215765	PASS
96	95	5	9	7.7	16617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.7	150384	PASS
175	174	5	9	7.7	11621	PASS
176	174	95	101	96.5	145158	PASS
177	176	5	9	6.9	9970	PASS

6M06081.D 6M_A0502.M Wed Jun 07 12:01:31 2006 ORG_P933

Form 5

Tune Name: BFB TUNE **Data File:** 3M23052.D
Instrument: GCMS 3 **Analysis Date:** 06/05/06 08:55

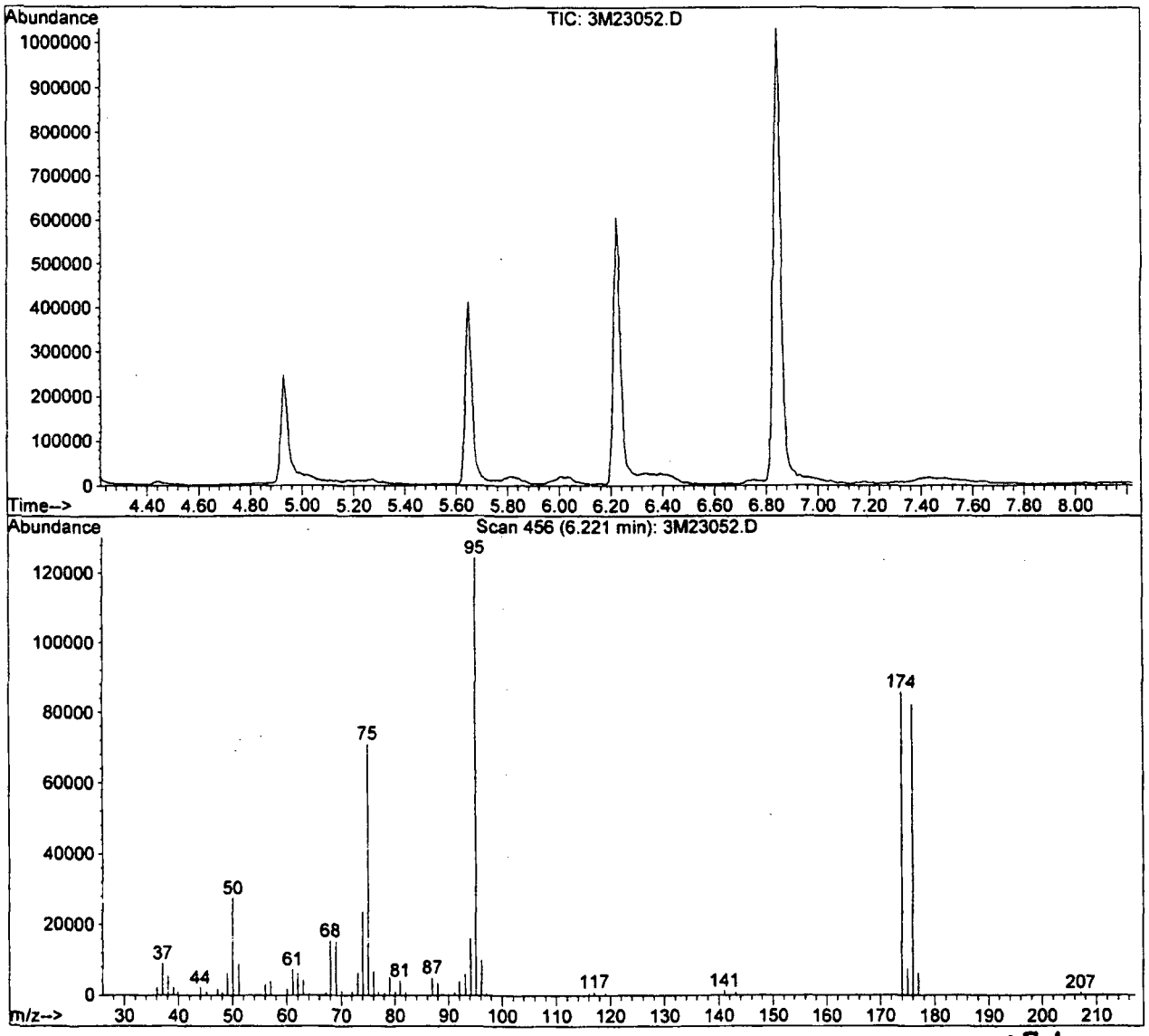
Tune Scan/Time Range: Scan 456

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.1	27400	PASS
75	95	30	60	57.2	71032	PASS
95	95	100	100	100.0	124120	PASS
96	95	5	9	8.0	9899	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.1	85800	PASS
175	174	5	9	8.6	7415	PASS
176	174	95	101	95.7	82152	PASS
177	176	5	9	7.6	6214	PASS

Data File	Sample Number	Analysis Date:
3M23053.D	CAL @ 20 PPB	06/05/06 09:12
3M23054.D	DAILY BLANK	06/05/06 09:46
3M23055.D	DAILY BLANK	06/05/06 10:10
3M23056.D	AC23791-002	06/05/06 10:36
3M23057.D	AC23793-008	06/05/06 11:01
3M23058.D	AC23801-012	06/05/06 11:26
3M23059.D	AC23801-013	06/05/06 11:50
3M23060.D	AC23801-015	06/05/06 12:15
3M23061.D	AC23603-004(5X)	06/05/06 12:41
3M23062.D	MBS3583	06/05/06 13:06
3M23063.D	AC23801-014	06/05/06 13:31
3M23064.D	AC23801-013(MS)	06/05/06 13:56
3M23065.D	AC23801-013(MSD	06/05/06 14:20
3M23066.D	BLK	06/05/06 14:45
3M23067.D	BLK	06/05/06 15:10
3M23068.D	MBS3584	06/05/06 15:34
3M23069.D	AC23677-002	06/05/06 15:59
3M23070.D	AC23801-013	06/05/06 16:24
3M23071.D	AC23791-007	06/05/06 16:48
3M23072.D	AC23791-008	06/05/06 17:13
3M23073.D	AC23791-009	06/05/06 17:38
3M23074.D	AC23791-010	06/05/06 18:02
3M23075.D	AC23791-011	06/05/06 18:27
3M23076.D	AC23791-012	06/05/06 18:51
3M23077.D	AC23791-013	06/05/06 19:16
3M23078.D	AC23791-014	06/05/06 19:41
3M23079.D	AC23791-015	06/05/06 20:06
3M23080.D	AC23791-016	06/05/06 20:31
3M23081.D	AC23842-001	06/05/06 20:55
3M23082.D	AC23717-005(MS)	06/05/06 21:20
3M23083.D	AC23717-005(MSD	06/05/06 21:45
3M23084.D	BLK	06/05/06 22:10
3M23085.D	AC23819-008	06/05/06 22:34
3M23086.D	AC23819-009	06/05/06 22:59
3M23087.D	AC23819-001	06/05/06 23:24
3M23088.D	AC23819-003	06/05/06 23:49
3M23089.D	AC23819-004	06/06/06 00:13
3M23090.D	AC23819-005	06/06/06 00:38
3M23091.D	AC23819-007	06/06/06 01:03
3M23092.D	AC23819-006	06/06/06 01:28
3M23093.D	AC23819-002	06/06/06 01:52
3M23094.D	MBS3588	06/06/06 02:17
3M23095.D	BLK	06/06/06 02:41
3M23096.D	AC23825-001	06/06/06 07:11

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23052.D Vial: 1
Acq On : 5 Jun 2006 8:55 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Scan 456

DTW 6/7/06

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	27400	PASS
75	95	30	60	57.2	71032	PASS
95	95	100	100	100.0	124120	PASS
96	95	5	9	8.0	9899	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.1	85800	PASS
175	174	5	9	8.6	7415	PASS
176	174	95	101	95.7	82152	PASS
177	176	5	9	7.6	6214	PASS

3M23052.D 3M_A0519.M Wed Jun 07 12:01:34 2006 ORG_P933

Form 5

Tune Name: BFB TUNE **Data File:** 6M06259.D
Instrument: GCMS 6 **Analysis Date:** 06/06/06 08:51

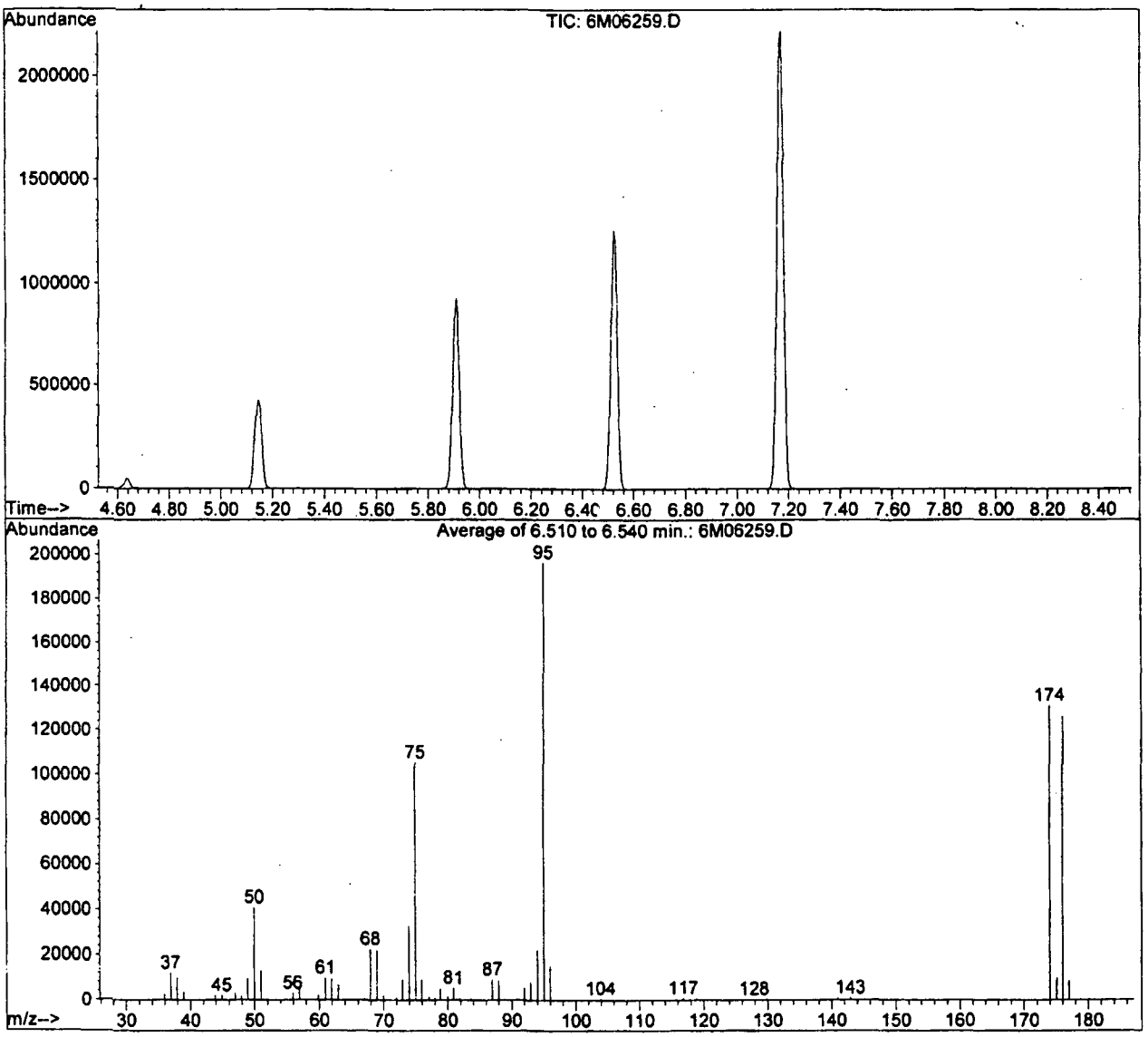
Tune Scan/Time Range: Average of 6.510 to 6.540 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.8	40944	PASS
75	95	30	60	53.7	105443	PASS
95	95	100	100	100.0	196468	PASS
96	95	5	9	7.7	15067	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	131117	PASS
175	174	5	9	7.6	9937	PASS
176	174	95	101	96.0	125891	PASS
177	176	5	9	6.8	8557	PASS

Data File	Sample Number	Analysis Date:
6M06260.D	CAL @ 20 PPB	06/06/06 09:06
6M06261.D	CAL @ 20 PPB	06/06/06 09:31
6M06262.D	DAILY BLANK	06/06/06 10:01
6M06263.D	DAILY BLANK	06/06/06 10:25
6M06264.D	AC23801-013	06/06/06 10:50
6M06265.D	AC23791-006	06/06/06 11:14
6M06266.D	AC23846-001	06/06/06 11:38
6M06267.D	AC23846-002	06/06/06 12:02
6M06268.D	AC23846-003	06/06/06 12:27
6M06269.D	AC23846-004	06/06/06 12:51
6M06270.D	AC23846-005	06/06/06 13:15
6M06271.D	AC23846-006	06/06/06 13:39
6M06272.D	AC23846-007	06/06/06 14:03
6M06273.D	AC23846-008	06/06/06 14:26
6M06274.D	AC23846-009	06/06/06 14:50
6M06275.D	AC23846-011	06/06/06 15:14
6M06276.D	AC23846-012	06/06/06 15:39
6M06277.D	AC23846-013	06/06/06 16:03
6M06278.D	AC23846-014	06/06/06 16:27
6M06279.D	AC23846-015	06/06/06 16:51
6M06280.D	AC23846-016	06/06/06 17:15
6M06281.D	MBS3591	06/06/06 17:40
6M06282.D	AC23854-001	06/06/06 18:04
6M06283.D	AC23854-002	06/06/06 18:28
6M06284.D	AC23854-003	06/06/06 18:53
6M06285.D	AC23854-004	06/06/06 19:16
6M06286.D	AC23792-004	06/06/06 19:39
6M06287.D	AC23846-001(MS)	06/06/06 20:03
6M06288.D	AC23846-001(MSD	06/06/06 20:27
6M06289.D	BLK	06/06/06 20:50
6M06290.D	BLK	06/06/06 21:14
6M06291.D	MBS3592	06/06/06 21:38
6M06292.D	AC23783-001(MS)	06/06/06 22:01
6M06293.D	AC23783-001(MSD	06/06/06 22:25
6M06294.D	AC23843-002	06/06/06 22:48
6M06295.D	AC23843-004	06/06/06 23:11
6M06296.D	AC23843-005	06/06/06 23:35
6M06297.D	BLK	06/06/06 23:58
6M06298.D	BLK	06/07/06 00:21
6M06299.D	BLK	06/07/06 00:45

CLPBFB

Data File : G:\GcMsData\2006\GCMS_6\Data\06-06-06\6M06259.D Vial: 1
Acq On : 6 Jun 2006 8:51 Operator: DB
Sample : BFB TUNE Inst : GCMS_6
Misc : A,5mL Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260



Spectrum Information: Average of 6.510 to 6.540 min.

DTW 6/7/06

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.8	40944	PASS
75	95	30	60	53.7	105443	PASS
95	95	100	100	100.0	196468	PASS
96	95	5	9	7.7	15067	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	131117	PASS
175	174	5	9	7.6	9937	PASS
176	174	95	101	96.0	125891	PASS
177	176	5	9	6.8	8557	PASS

6M06259.D 6M_A0601.M Wed Jun 07 12:01:37 2006 ORG_P933

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M22628.	CAL @ 20 PPB	05/19/06 15:07	2	3M22630.	CAL @ 5 PPB	05/19/06 15:53
3	3M22629.	CAL @ 10 PPB	05/19/06 15:30	4	3M22627.	CAL @ 50 PPB	05/19/06 14:44
5	3M22626.	CAL @ 100 PPB	05/19/06 14:20	6	3M22625.	CAL @ 500 PPB	05/19/06 13:57
7	3M22631.	CAL @ 1 PPB	05/19/06 16:17				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dichlorodifluoromethane	1	0	Avg	0.5686	0.5598	0.5675	0.5809	0.6039	0.5201	---	---	0.567	1.61	0.999	1.00	4.9	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	Avg	0.4011	0.4059	0.3823	0.3931	0.3934	0.3725	---	---	0.391	1.83	1.00	1.00	3.1**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	Avg	0.3019	0.2741	0.2841	0.2906	0.2894	---	---	---	0.288	2.23	1.00	1.00	3.5	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.3965	0.3935	0.4055	0.4023	0.4024	0.3575	---	---	0.393	1.89	0.999	1.00	4.6*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.2381	0.2252	0.2267	0.2417	0.2503	0.1730	---	---	0.226	2.33	0.992	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.5202	0.4946	0.5091	0.5273	0.5542	0.4408	---	---	0.508	2.63	0.997	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Avg	0.3224	0.3133	0.3087	0.3061	0.3320	0.2729	---	---	0.309	3.88	0.998	1.00	6.5	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	LinF	0.0285	0.0182	0.0240	0.0318	0.0404	0.0394	---	---	0.0304	3.12	1.00	1.00	29	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.1149	0.1247	0.1221	0.1394	0.1489	0.1049	---	---	0.126	4.27	0.993	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.4751	0.4047	0.4241	0.4731	0.5244	0.4189	---	---	0.453	3.41	0.997	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	Avg	0.1273	0.1141	0.1169	0.1190	0.1294	0.0988	---	---	0.118	3.31	0.996	1.00	9.3	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.9561	0.8527	0.8571	0.9389	1.0225	0.8528	---	---	0.913	3.50	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0311	0.0240	0.0264	0.0315	0.0331	0.0265	---	---	0.0288	4.17	0.997	1.00	13	100.0	25.00	50.00	250.0	500.0	2500.		
Di-isopropyl-ether	1	0	Avg	1.4700	1.2905	1.3629	1.3962	1.4616	1.1514	---	---	1.36	5.11	0.997	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.4478	0.4208	0.4116	0.4317	0.4721	0.3822	---	---	0.428	3.24	0.998	1.00	7.2*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	1.0175	0.8930	0.9413	1.0060	1.0782	0.8669	1.0087	---	0.973	4.35	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
N-Hexane	1	0	Avg	0.2870	0.2315	0.2498	0.2758	0.2940	0.2518	---	---	0.265	4.74	0.999	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethane	1	0	Avg	0.6582	0.5876	0.6056	0.6218	0.6505	0.5433	---	---	0.611	4.92	0.999	1.00	7.0**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2750	0.2370	0.2518	0.2710	0.2977	0.2435	---	---	0.263	4.31	0.998	1.00	8.7	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.6026	0.5343	0.5585	0.5704	0.6149	0.4991	---	---	0.563	5.78	0.998	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.3404	0.3114	0.3212	0.3152	0.3361	0.2802	---	---	0.317	6.11	0.999	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.4613	0.3824	0.4101	0.4459	0.4918	0.4225	---	---	0.436	5.77	0.999	1.00	8.9	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	LinF	0.0037	0.0024	0.0028	0.0038	0.0041	0.0032	---	---	0.00337	8.03	0.997	1.00	19	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.4786	0.4195	0.4364	0.4470	0.4843	0.3843	---	---	0.442	6.68	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.6661	0.6206	0.6148	0.6247	0.6776	0.5756	---	---	0.630	6.24	0.999	1.00	5.9*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.3257	0.3237	0.3235	0.3193	0.3213	0.3235	0.3325	---	0.324	6.46	-1	-1	1.3	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.2061	0.2174	0.2143	0.2045	0.2108	0.2071	0.2173	---	0.211	6.86	-1	-1	2.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.5844	0.5526	0.5626	0.5581	0.5997	0.4899	---	---	0.558	6.95	0.998	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	Avg	0.1731	0.1246	0.1861	0.1765	0.1986	0.1810	---	---	0.173	5.84	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.4900	0.4456	0.4661	0.4629	0.5145	0.4457	---	---	0.471	6.48	0.999	1.00	5.7	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.3945	0.3414	0.3598	0.3687	0.4088	0.3527	---	---	0.371	6.68	0.999	1.00	6.9	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	LinF	0.5048	0.3251	0.3279	0.5832	0.7157	0.6909	---	---	0.525	5.05	1.00	1.00	33	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.4724	0.4030	0.4190	0.4581	0.5032	0.4241	---	---	0.447	8.15	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.2274	0.1915	0.2124	0.2244	0.2436	0.2006	---	---	0.217	7.99	0.998	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.3463	0.3123	0.3183	0.3349	0.3562	0.2999	---	---	0.328	7.88	0.999	1.00	6.6*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.3070	0.2731	0.2757	0.3179	0.3420	0.2718	---	---	0.298	7.66	0.997	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	1.2132	1.0995	1.1637	1.1407	1.2100	0.9520	1.0668	---	1.12	6.93	0.997	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4699	0.3820	0.4043	0.4644	0.5049	0.4444	---	---	0.445	9.59	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	LinF	0.3217	0.1854	0.2698	0.3386	0.3774	0.3243	---	---	0.303	8.45	0.999	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.7105	0.5715	0.6364	0.7325	0.8043	0.6896	---	---	0.691	8.58	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.6526	0.4775	0.5676	0.6834	0.7463	0.6730	---	---	0.633	9.08	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.6
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

9110

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M22628.	CAL @ 20 PPB	05/19/06 15:07	2	3M22630.	CAL @ 5 PPB	05/19/06 15:53
3	3M22629.	CAL @ 10 PPB	05/19/06 15:30	4	3M22627.	CAL @ 50 PPB	05/19/06 14:44
5	3M22626.	CAL @ 100 PPB	05/19/06 14:20	6	3M22625.	CAL @ 500 PPB	05/19/06 13:57
7	3M22631.	CAL @ 1 PPB	05/19/06 16:17				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1,1,2-Trichloroethane	1	0	Avg	0.4230	0.3597	0.3872	0.4005	0.4279	0.3487	----	----	0.391	9.24	0.998	1.00	8.3	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dibromoethane	1	0	Avg	0.4599	0.3797	0.4242	0.4548	0.4910	0.4126	----	----	0.437	9.69	0.999	1.00	9.0	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.8104	0.7149	0.7655	0.7906	0.8107	0.6099	----	----	0.750	9.38	0.996	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.5799	0.4462	0.5101	0.5849	0.6423	0.5121	----	----	0.546	8.72	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	LinF	0.3426	----	0.2737	0.4111	0.4434	0.3494	----	----	0.364	9.45	0.997	1.00	18	20.00		10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.2988	0.2603	0.2827	0.2917	0.3037	0.2331	----	----	0.278	9.38	0.996	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	0.9035	0.9093	0.8925	0.9264	0.9069	0.9107	0.8558	----	0.901	8.83	-1	-1	2.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	1.0027	0.9194	0.9686	0.9734	1.0422	0.8305	0.7335	----	0.924	8.89	0.997	1.00	12*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.3792	0.3250	0.3586	0.3684	0.3953	0.3248	----	----	0.359	10.15	0.998	1.00	8.0	20.00	5.00	10.00	50.00	100.0	500.0		
Chlorobenzene	1	0	Avg	1.0643	0.9883	1.0115	0.9858	1.0732	0.8641	----	----	0.998	10.09	0.998	1.00	7.6**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Avg	0.5684	0.4426	0.5088	0.5811	0.6785	0.6446	----	----	0.571	10.75	1.00	1.00	15**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.5007	0.4253	0.4824	0.4863	0.5534	0.4876	0.2769	----	0.459	10.17	0.999	1.00	19*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	1.1394	1.0489	1.0834	1.0770	1.1825	1.0223	----	----	1.09	11.08	0.999	1.00	5.4**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8336	0.8339	0.8152	0.8308	0.8615	0.9489	0.8235	----	0.850	11.00	-1	-1	5.4	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.1356	1.8018	1.9234	2.0515	2.2719	1.9784	----	----	2.03	10.59	0.999	1.00	8.1	20.00	5.00	10.00	50.00	100.0	500.0		
m&p-Xylenes	1	0	LinF	1.2879	1.1076	1.1966	1.1773	1.2766	1.0902	0.7321	----	1.12	10.27	0.999	1.00	17	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.2665	1.0848	1.1274	1.1660	1.2907	1.1203	0.7798	----	1.12	10.58	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	LinF	0.4063	0.2594	0.3670	0.3997	0.4282	0.3922	----	----	0.375	11.22	1.00	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.3284	1.2406	1.3074	1.3413	1.3862	1.0907	----	----	1.28	11.82	0.997	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dichlorobenzene	1	0	Avg	1.4459	1.3418	1.2967	1.2875	1.4658	1.1893	----	----	1.34	11.89	0.998	1.00	7.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichlorobenzene	1	0	Avg	1.3345	1.2700	1.2575	1.2894	1.4201	1.1558	----	----	1.29	12.18	0.998	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	3.0489	2.5188	2.7773	2.8266	3.1794	2.7983	2.1724	----	2.76	10.87	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	1.4720	1.2426	1.3331	1.3958	1.5435	1.2933	----	----	1.38	11.11	0.998	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chlorotoluene	1	0	Avg	1.2276	1.0926	1.2120	1.1517	1.2633	1.0526	----	----	1.17	11.26	0.998	1.00	7.0	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.3179	1.0017	1.1772	1.2528	1.3265	1.1370	----	----	1.20	11.34	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	3.6996	3.2384	3.3971	3.4408	3.7704	3.2275	2.8610	----	3.38	11.18	0.999	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.2590	2.0187	2.1241	2.0622	2.1111	1.7367	----	----	2.05	11.12	0.998	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	2.5808	2.3247	2.4261	2.4007	2.6868	2.1508	2.1492	----	2.39	11.30	0.998	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	2.1033	1.7414	1.9071	1.9846	2.2622	1.8577	1.4965	----	1.91	11.56	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	2.6917	2.3977	2.5023	2.5214	2.7611	2.2016	2.2509	----	2.48	11.59	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.5079	2.2675	2.3655	2.3616	2.6977	2.1664	2.0504	----	2.35	11.72	0.998	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	2.1101	1.8357	1.9704	2.0600	2.2508	1.7710	1.5409	----	1.93	11.81	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.9577	1.6994	1.8248	1.8679	2.2009	1.7383	1.4589	----	1.82	12.12	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	LinF	0.1675	0.0833	0.1424	0.1833	0.2242	0.1955	----	----	0.166	12.79	0.999	1.00	29	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.3343	0.2959	0.2875	0.3014	0.3587	0.2382	----	----	0.303	13.69	0.990	0.999	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	0.7275	0.5908	0.5795	0.6722	0.8381	0.6343	----	----	0.674	13.55	0.996	0.999	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.7543	0.5868	0.6178	0.6889	0.8666	----	----	----	0.703	14.05	0.990	0.999	16	20.00	5.00	10.00	50.00	100.0			
Naphthalene	1	0	Avg	2.1434	1.6099	1.7571	2.1041	2.7581	1.8216	1.5095	----	1.96	13.80	0.989	0.998	22	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

Flags	
a - failed the spcc criteria	** - ccc compound*
b - failed the ccc criteria	*** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)	

Note: Avg Rsd: 10.6

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

ZTTO

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M06085.	CAL @ 20 PPB	06/01/06 08:24	2	6M06087.	CAL @ 5 PPB	06/01/06 09:12
3	6M06086.	CAL @ 10 PPB	06/01/06 08:48	4	6M06084.	CAL @ 50 PPB	06/01/06 07:59
5	6M06083.	CAL @ 100 PPB	06/01/06 07:36	6	6M06082.	CAL @ 500 PPB	06/01/06 07:11
7	6M06088.	CAL @ 1 PPB	06/01/06 09:36				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dichlorodifluoromethane	1	0	LinF	0.2170	0.0864	0.2163	0.2244	0.2370	0.2638	----	----	0.208	1.50	1.00	1.00	30	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	LinF	0.2025	0.1235	0.2003	0.2133	0.2198	0.2349	----	----	0.199	1.67	1.00	1.00	20**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	LinF	0.1845	0.1168	0.1704	0.1805	0.1828	----	----	----	0.167	2.10	1.00	1.00	17	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.2191	0.1405	0.2131	0.2260	0.2289	0.2348	----	----	0.210	1.78	1.00	1.00	17*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.1346	0.0939	0.1295	0.1389	0.1381	0.1312	----	----	0.128	2.20	1.00	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.2942	0.2117	0.2872	0.2937	0.3066	0.2982	----	----	0.282	2.48	1.00	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Avg	0.2486	0.2479	0.2446	0.2338	0.2397	0.2250	----	----	0.240	3.68	1.00	1.00	3.8	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	Qua	0.0044	0.0013	0.0034	0.0040	0.0033	0.0025	----	----	0.00318	2.92	0.994	0.999	35	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.1099	0.0919	0.1012	0.1077	0.1078	0.0979	----	----	0.103	4.02	1.00	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.3289	0.2532	0.3082	0.3175	0.3477	0.3334	----	----	0.315	3.23	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	Avg	0.1306	0.1208	0.1278	0.1365	0.1342	0.1007	----	----	0.125	3.11	0.995	1.00	11	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.6138	0.4892	0.5887	0.6150	0.6572	0.6266	----	----	0.598	3.32	1.00	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0272	0.0227	0.0255	0.0277	0.0263	0.0203	----	----	0.0250	3.87	0.996	1.00	11	100.0	25.00	50.00	250.0	500.0	2500.		
Di-isopropyl-ether	1	0	Avg	0.9256	0.8441	0.9145	0.9205	0.9418	0.8717	----	----	0.903	4.88	1.00	1.00	4.1	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.2873	0.2300	0.2743	0.2893	0.2955	0.2912	----	----	0.278	3.06	1.00	1.00	8.8*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.7980	0.7114	0.7999	0.7808	0.7992	0.6979	0.5705	----	0.737	4.11	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
N-Hexane	1	0	Avg	0.2230	0.1763	0.2208	0.2240	0.2341	0.2267	----	----	0.218	4.53	1.00	1.00	9.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethane	1	0	Avg	0.4023	0.3514	0.3899	0.4075	0.4224	0.3919	----	----	0.394	4.72	1.00	1.00	6.1**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2049	0.1743	0.1989	0.1967	0.2145	0.1916	----	----	0.197	4.09	0.999	1.00	6.9	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.4023	0.3578	0.3833	0.4042	0.4111	0.3603	----	----	0.387	5.57	0.999	1.00	6.0	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.2253	0.1989	0.2133	0.2262	0.2286	0.2101	----	----	0.217	5.90	1.00	1.00	5.4	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.3236	0.2619	0.3015	0.3243	0.3372	0.3058	----	----	0.309	5.56	1.00	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	Avg	0.0030	0.0021	0.0027	0.0032	0.0032	0.0026	----	----	0.00285	7.87	0.997	1.00	15	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.3330	0.2925	0.3144	0.3324	0.3346	0.2831	----	----	0.315	6.51	0.999	1.00	7.1	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.4366	0.3984	0.4241	0.4456	0.4541	0.4140	----	----	0.429	6.05	1.00	1.00	4.8*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2928	0.2931	0.2942	0.2942	0.3032	0.2788	0.2917	----	0.293	6.26	-1	-1	2.4	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.1965	0.2025	0.1995	0.1942	0.1973	0.1931	0.2032	----	0.198	6.68	-1	-1	2.0	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.4008	0.3729	0.3898	0.4020	0.3932	0.3352	----	----	0.382	6.78	0.999	1.00	6.6	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	Avg	0.1776	0.1519	0.1622	0.1781	0.1749	0.1367	----	----	0.164	5.60	0.997	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.3292	0.2754	0.3123	0.3364	0.3426	0.3113	----	----	0.318	6.28	1.00	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.2700	0.2240	0.2533	0.2748	0.2791	0.2389	----	----	0.257	6.51	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	Avg	0.5959	0.4721	0.5705	0.6205	0.5924	0.5483	----	----	0.567	4.88	1.00	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.3188	0.2765	0.3038	0.3437	0.3525	0.3285	----	----	0.321	8.01	1.00	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.1598	0.1363	0.1423	0.1589	0.1629	0.1362	----	----	0.149	7.84	0.998	1.00	8.4	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.2525	0.2332	0.2485	0.2556	0.2533	0.2236	----	----	0.244	7.72	0.999	1.00	5.3*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.2161	0.1962	0.2062	0.2219	0.2278	0.1958	----	----	0.211	7.50	0.999	1.00	6.4	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	0.8579	0.7659	0.8360	0.8545	0.8531	0.7364	0.6746	----	0.797	6.76	0.999	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.3215	0.2475	0.2832	0.3387	0.3521	0.3325	----	----	0.313	9.45	1.00	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.2401	0.1912	0.2282	0.2448	0.2534	0.2320	----	----	0.232	8.30	1.00	1.00	9.4	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.5390	0.4285	0.5054	0.5548	0.5846	0.5467	----	----	0.527	8.43	1.00	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.5278	0.4041	0.4819	0.5509	0.5681	0.5380	----	----	0.512	8.93	1.00	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.41
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0118

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M06085.	CAL @ 20 PPB	06/01/06 08:24	2	6M06087.	CAL @ 5 PPB	06/01/06 09:12
3	6M06086.	CAL @ 10 PPB	06/01/06 08:48	4	6M06084.	CAL @ 50 PPB	06/01/06 07:59
5	6M06083.	CAL @ 100 PPB	06/01/06 07:36	6	6M06082.	CAL @ 500 PPB	06/01/06 07:11
7	6M06088.	CAL @ 1 PPB	06/01/06 09:36				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1,1,2-Trichloroethane	1	0	Avg	0.3279	0.2934	0.3228	0.3135	0.3208	0.2799	----	----	0.310	9.10	0.999	1.00	6.1	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dibromoethane	1	0	Avg	0.3917	0.3238	0.3505	0.3827	0.3848	0.3496	----	----	0.364	9.54	1.00	1.00	7.3	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.6067	0.5783	0.6045	0.5811	0.5777	0.4625	----	----	0.569	9.24	0.998	1.00	9.4	20.00	5.00	10.00	50.00	100.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.5022	0.4314	0.5013	0.4836	0.4894	0.3931	----	----	0.467	8.58	0.998	1.00	9.5	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	Avg	0.3892	0.3086	0.3842	0.3883	0.3850	0.3005	----	----	0.359	9.31	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.2348	0.2097	0.2185	0.2264	0.2262	0.1896	----	----	0.218	9.24	0.999	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	0.9064	0.9045	0.9049	0.8762	0.8958	0.9266	0.8740	----	0.898	8.69	-1	-1	2.0	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.7873	0.7078	0.7627	0.7591	0.7783	0.6733	0.6856	----	0.736	8.75	0.999	1.00	6.3*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.2842	0.2422	0.2532	0.2907	0.2866	0.2528	----	----	0.268	10.02	0.999	1.00	7.9	20.00	5.00	10.00	50.00	100.0	500.0		
Chlorobenzene	1	0	Avg	0.8694	0.8000	0.8292	0.8602	0.8381	0.7368	----	----	0.822	9.95	0.999	1.00	5.9**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Lin	0.3483	0.2607	0.3118	0.4099	0.4594	0.4288	----	----	0.370	10.61	1.00	1.00	21**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.5546	0.4915	0.5175	0.5356	0.5485	0.4691	0.4070	----	0.503	10.04	0.999	1.00	10*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	0.8918	0.7928	0.9075	0.9274	0.9333	0.7811	----	----	0.872	10.94	0.998	1.00	7.8**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.7555	0.7641	0.7405	0.7748	0.7992	0.8074	0.7618	----	0.772	10.86	-1	-1	3.1	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	1.7096	1.4970	1.6408	1.7811	1.8419	1.4414	----	----	1.65	10.45	0.997	1.00	9.6	20.00	5.00	10.00	50.00	100.0	500.0		
m&p-Xylenes	1	0	Avg	1.0261	0.9796	1.0066	1.0137	1.0514	0.8174	0.8536	----	0.964	10.13	0.997	1.00	9.4	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.0056	0.9247	0.9752	1.0272	1.0580	0.8397	0.7819	----	0.945	10.44	0.997	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	Avg	0.3268	0.2746	0.3066	0.3467	0.3454	0.2579	----	----	0.310	10.97	0.995	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.1594	1.1419	1.1294	1.1283	1.0990	0.9005	----	----	1.09	11.68	0.998	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dichlorobenzene	1	0	Avg	1.1198	1.1314	1.1322	1.1579	1.1407	0.9806	----	----	1.11	11.74	0.999	1.00	5.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichlorobenzene	1	0	Avg	1.0961	1.0574	1.1050	1.1016	1.0995	0.9684	----	----	1.07	12.02	0.999	1.00	5.0	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	2.6176	2.4671	2.5538	2.6778	2.7429	2.3080	2.3371	----	2.53	10.73	0.999	1.00	6.6	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	1.2504	1.0675	1.2317	1.2775	1.2718	0.9122	----	----	1.17	10.98	0.994	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chlorotoluene	1	0	Avg	1.2513	1.2320	1.2522	1.3164	1.3508	1.0491	----	----	1.24	11.12	0.997	1.00	8.4	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.3139	1.2925	1.3171	1.3880	1.4434	1.0783	----	----	1.31	11.19	0.995	1.00	9.6	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	3.3164	3.1136	3.2987	3.3656	3.4268	2.8784	3.0815	----	3.21	11.04	0.998	1.00	6.0	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.6427	1.5638	1.6376	1.6611	1.6619	1.3017	----	----	1.58	10.97	0.997	1.00	8.9	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	2.2805	2.0810	2.2426	2.2746	2.2966	1.9100	1.9839	----	2.15	11.16	0.998	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	1.9254	1.7376	1.8867	1.9455	1.9409	1.6466	1.5830	----	1.81	11.42	0.999	1.00	8.4	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	2.3032	2.1556	2.2936	2.3238	2.3331	1.9404	2.2036	----	2.22	11.45	0.998	1.00	6.3	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.3324	2.1856	2.3396	2.3535	2.4451	2.0954	2.0838	----	2.26	11.57	0.999	1.00	6.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	1.9850	1.7840	1.9343	1.9834	1.9729	1.5565	1.7999	----	1.86	11.67	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.9203	1.8096	1.9092	1.9534	1.9999	1.7407	1.7397	----	1.87	11.97	0.999	1.00	5.6	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	LinF	0.1365	0.0917	0.1247	0.1498	0.1648	0.1534	----	----	0.137	12.58	1.00	1.00	19	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.1808	0.1410	0.1738	0.1782	0.1975	0.1809	----	----	0.175	13.28	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	0.6102	0.5567	0.6056	0.6087	0.6664	0.5691	----	----	0.603	13.17	0.999	1.00	6.4	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.5925	0.5420	0.5709	0.5857	0.6595	0.5445	----	----	0.583	13.53	0.998	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0		
Naphthalene	1	0	Avg	2.0014	1.8173	2.0192	2.0790	2.3041	1.8146	1.8635	----	1.99	13.36	0.997	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

Flags

a - failed the spcc criteria * - ccc compound
b - failed the ccc criteria ** - spcc compound
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.41

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

6110

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M22905.D **Instrument:** GCMS 3

Cont Calibration Date/Time 5/30/2006 9:45:00 A **Method:** 8260

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.25	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.61	18.40	20			0.567	0.522	8.00	
Chloromethane	1	0	CP	1.82	17.04	20	0.1		0.391	0.334	14.80	
Bromomethane	1	0		2.22	14.76	20			0.288	0.213	26.20	
Vinyl Chloride	1	0	CC	1.89	17.54	20	20		0.393	0.345	12.30	
Chloroethane	1	0		2.34	18.23	20			0.226	0.206	8.85	
Trichlorofluoromethane	1	0		2.62	17.61	20			0.508	0.447	11.95	
Methylene Chloride	1	0		3.88	19.97	20			0.309	0.309	0.15	
Acrolein	1	0		3.12	8.16	100			0.030	0.003	91.84	
Acrylonitrile	1	0		4.27	17.96	20			0.126	0.113	10.20	
Iodomethane	1	0		3.41	15.72	20			0.453	0.356	21.40	
Acetone	1	0		3.32	119.42	100			0.118	0.140	19.42	
Carbon Disulfide	1	0		3.51	16.55	20			0.913	0.756	17.25	
t-Butyl Alcohol	1	0		4.16	125.21	100			0.029	0.036	25.21	
Di-isopropyl-ether	1	0		5.11	17.49	20			1.355	1.185	12.55	
1.1-Dichloroethene	1	0	CC	3.23	17.16	20	20		0.428	0.367	14.20	
Methyl-t-butyl ether	1	0		4.35	19.62	20			0.973	0.955	1.90	
N-Hexane	1	0		4.74	13.56	20			0.265	0.180	32.20	
1.1-Dichloroethane	1	0	CP	4.92	18.27	20	0.1		0.611	0.558	8.65	
trans-1.2-Dichloroethene	1	0		4.31	18.01	20			0.263	0.237	9.95	
cis-1.2-Dichloroethene	1	0		5.78	18.20	20			0.563	0.513	9.00	
Bromochloromethane	1	0		6.10	18.36	20			0.317	0.291	8.20	
2.2-Dichloropropane	1	0		5.77	17.54	20			0.436	0.382	12.30	
1.4-Dioxane	1	0		8.03	1399.26	1000			0.003	0.005	39.93	
1.1-Dichloropropene	1	0		6.68	19.37	20			0.442	0.428	3.15	
Chloroform	1	0	CC	6.24	19.38	20	20		0.630	0.611	3.10	
Dibromofluoromethane	1	0	S	6.45	27.95	30			0.324	0.302	6.83	
1.2-Dichloroethane-d4	1	0	S	6.85	28.85	30			0.211	0.203	3.83	
1.2-Dichloroethane	1	0		6.95	20.33	20			0.558	0.567	1.65	
2-Butanone	1	0		5.86	23.46	20			0.173	0.203	17.30	
1.1.1-Trichloroethane	1	0		6.47	19.28	20			0.471	0.454	3.60	
Carbon Tetrachloride	1	0		6.68	19.15	20			0.371	0.355	4.25	
Vinyl Acetate	1	0		5.08	8.62	20			0.525	0.297	56.90	
Bromodichloromethane	1	0		8.15	20.51	20			0.447	0.458	2.55	
Dibromomethane	1	0		7.99	21.50	20			0.217	0.233	7.50	
1.2-Dichloropropane	1	0	CC	7.87	21.01	20	20		0.328	0.345	5.05	
Trichloroethene	1	0		7.65	20.54	20			0.298	0.306	2.70	
Benzene	1	0		6.92	19.38	20			1.121	1.086	3.10	
Chlorobenzene-d5	1	0	I	10.06	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.58	21.31	20			0.445	0.474	6.55	
2-Chloroethylvinylether	1	0		8.45	19.02	20			0.303	0.310	4.90	
cis-1.3-Dichloropropene	1	0		8.57	19.73	20			0.691	0.682	1.35	
trans-1.3-Dichloropropene	1	0		9.08	20.39	20			0.633	0.646	1.95	
1.1.2-Trichloroethane	1	0		9.23	22.04	20			0.391	0.431	10.20	
1.2-Dibromoethane	1	0		9.68	23.01	20			0.437	0.503	15.05	
1.3-Dichloropropane	1	0		9.38	21.99	20			0.750	0.825	9.95	
4-Methyl-2-Pentanone	1	0		8.72	22.77	20			0.546	0.621	13.85	
2-Hexanone	1	0		9.45	24.24	20			0.364	0.429	21.20	
Tetrachloroethene	1	0		9.37	21.73	20			0.278	0.302	8.65	
Toluene-d8	1	0	S	8.82	29.77	30			0.901	0.894	0.77	
Toluene	1	0	CC	8.89	21.56	20	20		0.924	0.997	7.80	
1.1.1.2-Tetrachloroethane	1	0		10.14	21.24	20			0.359	0.381	6.20	
Chlorobenzene	1	0	CP	10.08	21.01	20	0.3		0.998	1.049	5.05	
1.4-Dichlorobenzene-d4	1	0	I	11.86	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.74	21.45	20	0.1		0.571	0.612	7.25	
Ethylbenzene	1	0	CC	10.17	23.26	20	20		0.459	0.534	16.30	
1.1.2.2-Tetrachloroethane	1	0	CP	11.07	22.43	20	0.3		1.092	1.225	12.15	
Bromofluorobenzene	1	0	S	10.99	29.44	30			0.850	0.834	1.87	
Styrene	1	0		10.58	21.47	20			2.027	2.176	7.35	
m&p-Xylenes	1	0		10.26	46.32	40			1.124	1.272	15.80	
o-Xylene	1	0		10.57	23.12	20			1.119	1.294	15.60	
trans-1.4-Dichloro-2-butene	1	0		11.11	21.52	20			0.375	0.424	7.60	
1.3-Dichlorobenzene	1	0		11.82	20.73	20			1.283	1.329	3.65	
1.4-Dichlorobenzene	1	0		11.87	21.63	20			1.338	1.447	8.15	
1.2-Dichlorobenzene	1	0		12.17	21.85	20			1.288	1.407	9.25	
Isopropylbenzene	1	0		10.86	22.20	20			2.760	3.064	11.00	
1.2.3-Trichloropropane	1	0		11.11	24.10	20			1.380	1.663	20.50	
2-Chlorotoluene	1	0		11.25	21.15	20			1.167	1.234	5.75	
4-Chlorotoluene	1	0		11.33	21.07	20			1.202	1.266	5.35	
n-Propylbenzene	1	0		11.17	22.18	20			3.376	3.744	10.90	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M22905.D **Instrument:** GCMS 3

Cont Calibration Date/Time 5/30/2006 9:45:00 A **Method:** 8260

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		11.12	22.47	20			2.052	2.306	12.35	
1.3.5-Trimethylbenzene	1	0		11.29	22.08	20			2.388	2.637	10.40	
t-Butylbenzene	1	0		11.55	22.64	20			1.908	2.159	13.20	
1.2.4-Trimethylbenzene	1	0		11.58	21.98	20			2.475	2.720	9.90	
sec-Butylbenzene	1	0		11.71	21.67	20			2.345	2.541	8.35	
4-Isopropyltoluene	1	0		11.81	22.10	20			1.934	2.137	10.50	
n-Butylbenzene	1	0		12.11	20.75	20			1.821	1.890	3.75	
1.2-Dibromo-3-Chloropropane	1	0		12.78	22.47	20			0.166	0.221	12.35	
Hexachlorobutadiene	1	0		13.67	16.79	20			0.303	0.254	16.05	
1.2.4-Trichlorobenzene	1	0		13.53	19.12	20			0.674	0.644	4.40	
1.2.3-Trichlorobenzene	1	0		14.04	18.56	20			0.703	0.652	7.20	
Naphthalene	1	0		13.79	22.38	20			1.958	2.191	11.90	
1.2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23053.D **Instrument:** GCMS 3

Cont Calibration Date/Time 6/5/06 9:12:00 AM **Method:** 8260

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.27	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.62	17.40	20			0.567	0.493	13.00	
Chloromethane	1	0	CP	1.84	17.39	20	0.1		0.391	0.340	13.05	
Bromomethane	1	0		2.26	18.25	20			0.288	0.263	8.75	
Vinyl Chloride	1	0	CC	1.91	18.38	20	20		0.393	0.361	8.10	
Chloroethane	1	0		2.36	18.74	20			0.226	0.212	6.30	
Trichlorofluoromethane	1	0		2.64	17.82	20			0.508	0.452	10.90	
Methylene Chloride	1	0		3.91	18.44	20			0.309	0.285	7.80	
Acrolein	1	0		3.15	9.30	100			0.030	0.004	90.70	
Acrylonitrile	1	0		4.30	18.81	20			0.126	0.118	5.95	
Iodomethane	1	0		3.44	17.33	20			0.453	0.393	13.35	
Acetone	1	0		3.34	88.30	100			0.118	0.104	11.70	
Carbon Disulfide	1	0		3.53	17.27	20			0.913	0.789	13.65	
t-Butyl Alcohol	1	0		4.19	106.19	100			0.029	0.031	6.19	
Di-isopropyl-ether	1	0		5.13	17.03	20			1.355	1.154	14.85	
1.1-Dichloroethene	1	0	CC	3.25	18.09	20	20		0.428	0.387	9.55	
Methyl-t-butyl ether	1	0		4.38	18.73	20			0.973	0.911	6.35	
N-Hexane	1	0		4.76	20.26	20			0.265	0.268	1.30	
1.1-Dichloroethane	1	0	CP	4.95	17.60	20	0.1		0.611	0.538	12.00	
trans-1.2-Dichloroethene	1	0		4.33	18.25	20			0.263	0.240	8.75	
cis-1.2-Dichloroethene	1	0		5.80	18.83	20			0.563	0.530	5.85	
Bromochloromethane	1	0		6.13	16.97	20			0.317	0.269	15.15	
2.2-Dichloropropane	1	0		5.79	21.25	20			0.436	0.463	6.25	
1.4-Dioxane	1	0		8.05	1166.03	1000			0.003	0.004	16.60	
1.1-Dichloropropene	1	0		6.70	19.85	20			0.442	0.438	0.75	
Chloroform	1	0	CC	6.26	19.20	20	20		0.630	0.605	4.00	
Dibromofluoromethane	1	0	S	6.47	28.63	30			0.324	0.309	4.57	
1.2-Dichloroethane-d4	1	0	S	6.87	28.11	30			0.211	0.198	6.30	
1.2-Dichloroethane	1	0		6.97	19.54	20			0.558	0.545	2.30	
2-Butanone	1	0		5.89	15.85	20			0.173	0.137	20.75	
1.1.1-Trichloroethane	1	0		6.49	19.59	20			0.471	0.461	2.05	
Carbon Tetrachloride	1	0		6.70	19.93	20			0.371	0.370	0.35	
Vinyl Acetate	1	0		5.08	13.15	20			0.525	0.454	34.25	
Bromodichloromethane	1	0		8.16	19.69	20			0.447	0.440	1.55	
Dibromomethane	1	0		8.01	20.05	20			0.217	0.217	0.25	
1.2-Dichloropropane	1	0	CC	7.88	21.01	20	20		0.328	0.345	5.05	
Trichloroethene	1	0		7.67	19.47	20			0.298	0.290	2.65	
Benzene	1	0		6.94	19.86	20			1.121	1.113	0.70	
Chlorobenzene-d5	1	0	I	10.07	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.59	19.83	20			0.445	0.441	0.85	
2-Chloroethylvinylether	1	0		8.47	16.90	20			0.303	0.276	15.50	
cis-1.3-Dichloropropene	1	0		8.59	19.35	20			0.691	0.668	3.25	
trans-1.3-Dichloropropene	1	0		9.10	20.34	20			0.633	0.644	1.70	
1.1.2-Trichloroethane	1	0		9.24	20.21	20			0.391	0.395	1.05	
1.2-Dibromoethane	1	0		9.70	20.46	20			0.437	0.447	2.30	
1.3-Dichloropropane	1	0		9.39	19.45	20			0.750	0.730	2.75	
4-Methyl-2-Pentanone	1	0		8.73	18.18	20			0.546	0.496	9.10	
2-Hexanone	1	0		9.46	17.42	20			0.364	0.308	12.90	
Tetrachloroethene	1	0		9.39	21.14	20			0.278	0.294	5.70	
Toluene-d8	1	0	S	8.84	29.69	30			0.901	0.891	1.03	
Toluene	1	0	CC	8.90	20.68	20	20		0.924	0.956	3.40	
1.1.1.2-Tetrachloroethane	1	0		10.16	20.00	20			0.359	0.359	0.00	
Chlorobenzene	1	0	CP	10.10	20.04	20	0.3		0.998	1.000	0.20	
1.4-Dichlorobenzene-d4	1	0	I	11.87	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.76	19.00	20	0.1		0.571	0.542	5.00	
Ethylbenzene	1	0	CC	10.18	20.79	20	20		0.459	0.477	3.95	
1.1.2.2-Tetrachloroethane	1	0	CP	11.09	18.67	20	0.3		1.092	1.020	6.65	
Bromofluorobenzene	1	0	S	11.00	29.95	30			0.850	0.848	0.17	
Styrene	1	0		10.59	19.64	20			2.027	1.990	1.80	
m&p-Xylenes	1	0		10.27	43.46	40			1.124	1.194	8.65	
o-Xylene	1	0		10.58	21.20	20			1.119	1.187	6.00	
trans-1.4-Dichloro-2-butene	1	0		11.13	19.40	20			0.375	0.382	3.00	
1.3-Dichlorobenzene	1	0		11.84	19.83	20			1.283	1.272	0.85	
1.4-Dichlorobenzene	1	0		11.89	19.46	20			1.338	1.302	2.70	
1.2-Dichlorobenzene	1	0		12.18	19.09	20			1.288	1.229	4.55	
Isopropylbenzene	1	0		10.87	20.23	20			2.760	2.792	1.15	
1.2.3-Trichloropropane	1	0		11.13	19.91	20			1.380	1.374	0.45	
2-Chlorotoluene	1	0		11.26	19.82	20			1.167	1.156	0.90	
4-Chlorotoluene	1	0		11.34	20.14	20			1.202	1.210	0.70	
n-Propylbenzene	1	0		11.18	20.06	20			3.376	3.386	0.30	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23053.D **Instrument:** GCMS 3

Cont Calibration Date/Time 6/5/06 9:12:00 AM **Method:** 8260

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		11.13	19.40	20			2.052	1.991	3.00	
1.3.5-Trimethylbenzene	1	0		11.30	19.84	20			2.388	2.370	0.80	
t-Butylbenzene	1	0		11.56	20.47	20			1.908	1.952	2.35	
1.2.4-Trimethylbenzene	1	0		11.59	19.98	20			2.475	2.473	0.10	
sec-Butylbenzene	1	0		11.73	20.06	20			2.345	2.352	0.30	
4-Isopropyltoluene	1	0		11.82	20.62	20			1.934	1.994	3.10	
n-Butylbenzene	1	0		12.13	19.78	20			1.821	1.801	1.10	
1.2-Dibromo-3-Chloropropane	1	0		12.80	16.43	20			0.166	0.161	17.85	
Hexachlorobutadiene	1	0		13.70	16.14	20			0.303	0.244	19.30	
1.2.4-Trichlorobenzene	1	0		13.56	17.21	20			0.674	0.580	13.95	
1.2.3-Trichlorobenzene	1	0		14.06	15.66	20			0.703	0.550	21.70	
Naphthalene	1	0		13.81	18.21	20			1.958	1.783	8.95	
1.2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

0123

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M06261.D **Instrument:** GCMS 6

Cont Calibration Date/Time 6/6/2006 9:31:00 A **Method:** 8260

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.10	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.50	21.45	20			0.208	0.281	7.25	
Chloromethane	1	0	CP	1.68	22.05	20	0.1		0.199	0.258	10.25	
Bromomethane	1	0		2.11	20.71	20			0.167	0.189	3.55	
Vinyl Chloride	1	0	CC	1.79	23.57	20	20		0.210	0.248	17.85	
Chloroethane	1	0		2.21	22.81	20			0.128	0.146	14.05	
Trichlorofluoromethane	1	0		2.48	19.75	20			0.282	0.278	1.25	
Methylene Chloride	1	0		3.69	21.29	20			0.240	0.255	6.45	
Acrolein	1	0		2.93	110.93	100			0.003	0.004	10.93	
Acrylonitrile	1	0		4.03	20.38	20			0.103	0.105	1.90	
Iodomethane	1	0		3.23	20.57	20			0.315	0.324	2.85	
Acetone	1	0		3.12	105.13	100			0.125	0.132	5.13	
Carbon Disulfide	1	0		3.32	17.74	20			0.598	0.531	11.30	
t-Butyl Alcohol	1	0		3.89	93.85	100			0.025	0.023	6.15	
Di-isopropyl-ether	1	0		4.89	21.20	20			0.903	0.957	6.00	
1.1-Dichloroethene	1	0	CC	3.07	19.52	20	20		0.278	0.271	2.40	
Methyl-t-butyl ether	1	0		4.12	22.03	20			0.737	0.812	10.15	
N-Hexane	1	0		4.56	16.51	20			0.218	0.180	17.45	
1.1-Dichloroethane	1	0	CP	4.73	20.28	20	0.1		0.394	0.400	1.40	
trans-1.2-Dichloroethene	1	0		4.10	19.25	20			0.197	0.190	3.75	
cis-1.2-Dichloroethene	1	0		5.59	19.64	20			0.387	0.380	1.80	
Bromochloromethane	1	0		5.91	20.96	20			0.217	0.228	4.80	
2.2-Dichloropropane	1	0		5.58	17.20	20			0.309	0.266	14.00	
1.4-Dioxane	1	0		7.88	1009.02	1000			0.003	0.003	0.90	
1.1-Dichloropropene	1	0		6.52	18.28	20			0.315	0.288	8.60	
Chloroform	1	0	CC	6.06	19.76	20	20		0.429	0.424	1.20	
Dibromofluoromethane	1	0	S	6.28	29.29	30			0.293	0.286	2.37	
1.2-Dichloroethane-d4	1	0	S	6.69	28.80	30			0.198	0.190	4.00	
1.2-Dichloroethane	1	0		6.78	20.51	20			0.382	0.392	2.55	
2-Butanone	1	0		5.62	21.56	20			0.164	0.176	7.80	
1.1.1-Trichloroethane	1	0		6.29	18.32	20			0.318	0.291	8.40	
Carbon Tetrachloride	1	0		6.52	17.55	20			0.257	0.225	12.25	
Vinyl Acetate	1	0		4.83	15.96	20			0.567	0.452	20.20	
Bromodichloromethane	1	0		8.01	18.65	20			0.321	0.299	6.75	
Dibromomethane	1	0		7.85	20.40	20			0.149	0.152	2.00	
1.2-Dichloropropane	1	0	CC	7.73	20.65	20	20		0.244	0.252	3.25	
Trichloroethene	1	0		7.51	19.42	20			0.211	0.205	2.90	
Benzene	1	0		6.77	20.80	20			0.797	0.829	4.00	
Chlorobenzene-d5	1	0	I	9.93	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.45	19.17	20			0.313	0.300	4.15	
2-Chloroethylvinylether	1	0		8.31	24.41	20			0.232	0.283	22.05	
cis-1.3-Dichloropropene	1	0		8.44	19.95	20			0.527	0.525	0.25	
trans-1.3-Dichloropropene	1	0		8.95	19.36	20			0.512	0.495	3.20	
1.1.2-Trichloroethane	1	0		9.10	21.01	20			0.310	0.325	5.05	
1.2-Dibromoethane	1	0		9.55	20.32	20			0.364	0.370	1.60	
1.3-Dichloropropane	1	0		9.25	21.43	20			0.569	0.609	7.15	
4-Methyl-2-Pentanone	1	0		8.58	20.50	20			0.467	0.479	2.50	
2-Hexanone	1	0		9.32	20.40	20			0.359	0.367	2.00	
Tetrachloroethene	1	0		9.25	18.55	20			0.218	0.202	7.25	
Toluene-d8	1	0	S	8.70	29.92	30			0.898	0.896	0.27	
Toluene	1	0	CC	8.76	20.57	20	20		0.736	0.757	2.85	
1.1.1.2-Tetrachloroethane	1	0		10.02	19.51	20			0.268	0.262	2.45	
Chlorobenzene	1	0	CP	9.96	20.04	20	0.3		0.822	0.824	0.20	
1.4-Dichlorobenzene-d4	1	0	I	11.72	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.61	16.18	20	0.1		0.370	0.324	19.10	
Ethylbenzene	1	0	CC	10.04	19.75	20	20		0.503	0.497	1.25	
1.1.2.2-Tetrachloroethane	1	0	CP	10.95	19.82	20	0.3		0.872	0.864	0.90	
Bromofluorobenzene	1	0	S	10.86	28.56	30			0.772	0.735	4.80	
Styrene	1	0		10.45	20.48	20			1.652	1.692	2.40	
m&p-Xylenes	1	0		10.14	40.83	40			0.964	0.984	2.08	
o-Xylene	1	0		10.45	21.14	20			0.945	0.999	5.70	
trans-1.4-Dichloro-2-butene	1	0		10.98	18.78	20			0.310	0.291	6.10	
1.3-Dichlorobenzene	1	0		11.68	20.04	20			1.093	1.095	0.20	
1.4-Dichlorobenzene	1	0		11.74	19.49	20			1.110	1.082	2.55	
1.2-Dichlorobenzene	1	0		12.03	20.22	20			1.071	1.083	1.10	
Isopropylbenzene	1	0		10.73	19.14	20			2.529	2.420	4.30	
1.2.3-Trichloropropane	1	0		10.98	20.43	20			1.169	1.194	2.15	
2-Chlorotoluene	1	0		11.12	20.86	20			1.242	1.295	4.30	
4-Chlorotoluene	1	0		11.20	20.20	20			1.306	1.318	1.00	
n-Propylbenzene	1	0		11.04	19.37	20			3.212	3.110	3.15	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

0124

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M06261.D **Instrument:** GCMS 6

Cont Calibration Date/Time 6/6/2006 9:31:00 A **Method:** 8260

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		10.98	20.72	20			1.578	1.635	3.60	
1.3.5-Trimethylbenzene	1	0		11.16	19.30	20			2.153	2.077	3.50	
t-Butylbenzene	1	0		11.42	19.61	20			1.809	1.774	1.95	
1.2.4-Trimethylbenzene	1	0		11.45	19.63	20			2.222	2.181	1.85	
sec-Butylbenzene	1	0		11.58	18.81	20			2.262	2.127	5.95	
4-Isopropyltoluene	1	0		11.67	19.24	20			1.859	1.789	3.80	
n-Butylbenzene	1	0		11.97	17.87	20			1.868	1.668	10.65	
1.2-Dibromo-3-Chloropropane	1	0		12.58	14.48	20			0.137	0.111	27.60	
Hexachlorobutadiene	1	0		13.28	14.62	20			0.175	0.128	26.90	
1.2.4-Trichlorobenzene	1	0		13.17	18.05	20			0.603	0.544	9.75	
1.2.3-Trichlorobenzene	1	0		13.53	17.40	20			0.583	0.507	13.00	
Naphthalene	1	0		13.36	18.84	20			1.986	1.870	5.80	
1.2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M22628.D

Analysis Date/Time: 05/19/06 15:07

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	339768	7.30	240323	10.10	123045	11.91						
Eval File Area Limit:	169884-679536		120162-480646		61522-246090							
Eval File Rt Limit:	6.8-7.8		9.6-10.6		11.41-12.41							

Data File Sample#						
3M22625. CAL @ 500 P	350127	7.30	237946	10.10	102719	11.91
3M22626. CAL @ 100 P	308842	7.30	215586	10.10	108174	11.91
3M22627. CAL @ 50 PP	337504	7.29	236953	10.10	122262	11.90
3M22628. CAL @ 20 PP	339768	7.30	240323	10.10	123045	11.91
3M22629. CAL @ 10 PP	345620	7.29	237795	10.10	123030	11.90
3M22630. CAL @ 5 PPB	335421	7.30	230608	10.10	117731	11.91
3M22631. CAL @ 1 PPB	309520	7.30	227910	10.10	110832	11.90
3M22632. DAILY BLANK	275941	7.29	192404	10.10	91617	11.90
3M22633. DAILY BLANK	269012	7.30	201001	10.10	102548	11.90
3M22634. AC23386-001	293151	7.30	213681	10.10	106725	11.90
3M22635. MBS3532	296585	7.30	215755	10.10	109166	11.90
3M22636. AC23486-013(	292371	7.30	213380	10.10	101547	11.90
3M22637. AC23486-014(	313448	7.30	220603	10.10	104636	11.90
3M22638. AC23462-014	296789	7.29	209269	10.10	104896	11.90
3M22639. AC23553-010	306269	7.30	218915	10.10	105633	11.90
3M22640. AC23553-011	303054	7.30	222991	10.10	105789	11.91
3M22641. AC23486-010	329212	7.30	249264	10.10	124247	11.91
3M22642. AC23486-016	328600	7.30	234183	10.10	116027	11.90
3M22643. AC23486-017	311578	7.30	227046	10.10	112079	11.90
3M22644. AC23553-001	299030	7.29	225781	10.10	108178	11.89
3M22645. AC23553-007	323343	7.29	233807	10.10	112282	11.89
3M22646. AC23553-008	311724	7.29	236896	10.10	116050	11.89
3M22647. AC23553-002(	299534	7.29	231884	10.10	111731	11.89
3M22648. AC23553-003(	334593	7.29	255744	10.10	126349	11.89
3M22649. AC23553-004(	324694	7.30	246920	10.09	115502	11.90
3M22650. AC23553-005(	324902	7.28	244727	10.10	120465	11.89
3M22651. AC23553-006(	284720	7.29	213127	10.10	98094	11.89
3M22652. AC23553-009(	283337	7.29	217355	10.09	105816	11.90
3M22653. AC23504-007(	318557	7.28	252651	10.10	135396	11.89
3M22654. MBS3533	328970	7.29	243283	10.10	119998	11.89
3M22655. AC23528-001(	344014	7.30	265385	10.09	129564	11.90
3M22656. AC23528-001(	317583	7.30	239505	10.10	120066	11.90
3M22675. BLK	444484	7.25	361463	10.06	176359	11.87
3M22676. BLK	400034	7.26	291259	10.07	145377	11.88

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M22905.D

Analysis Date/Time: 05/30/06 09:45

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	407906	7.25	289008	10.06	147226	11.86						
Eval File Area Limit:	203953-815812		144504-578016		73613-294452							
Eval File Rt Limit:	6.75-7.75		9.56-10.56		11.36-12.36							

Data File Sample#						
3M22906. DAILY BLANK	428520	7.26	318938	10.06	156167	11.87
3M22907. DAILY BLANK	448032	7.25	325516	10.06	162901	11.87
3M22908. AC23602-005	450259	7.25	327606	10.07	163840	11.86
3M22909. AC23676-003	427084	7.25	314399	10.07	161317	11.86
3M22910. AC23678-001	453519	7.26	331417	10.07	169583	11.88
3M22911. AC23486-009	459208	7.26	322442	10.07	164968	11.87
3M22912. MBS3564	414409	7.26	305779	10.06	158560	11.87
3M22913. AC23639-011	342602	7.25	235952	10.07	124456	11.87
3M22914. AC23659-002	385084	7.25	264920	10.07	140768	11.86
3M22915. AC23659-003	352482	7.26	244007	10.07	125242	11.88
3M22916. AC23676-003(	337018	7.26	238680	10.07	127105	11.87
3M22917. AC23676-003(	312764	7.26	222272	10.07	119532	11.88
3M22918. AC23695-019	312189	7.26	206501	10.07	112028	11.87
3M22919. AC23692-001	317737	7.27	225587	10.07	117007	11.88
3M22920. AC23692-002	327423	7.27	220891	10.07	106769	11.87
3M22921. AC23721-001	313515	7.27	224095	10.07	109625	11.88
3M22922. AC23721-003	335188	7.26	225454	10.07	109689	11.87
3M22923. AC23721-004	333476	7.27	239115	10.07	119051	11.88
3M22924. AC23695-001	319272	7.26	227546	10.07	113463	11.88
3M22925. AC23695-002	314656	7.26	213161	10.07	114032	11.88
3M22926. AC23695-003	328672	7.26	215437	10.07	104141	11.88
3M22927. AC23695-004	320402	7.26	231642	10.07	119643	11.88
3M22928. AC23695-005	320698	7.26	212945	10.07	101613	11.88
3M22929. AC23695-006	319602	7.26	222354	10.07	104860	11.88
3M22930. AC23695-007	315724	7.26	197593	10.07	101081	11.88
3M22931. AC23695-011	249489	7.26	177940	10.07	88934	11.87
3M22932. AC23695-012	305116	7.26	205280	10.07	100739	11.88
3M22933. AC23695-013	270786	7.26	168305	10.07	85225	11.87
3M22934. BLK	301759	7.27	219570	10.07	104435	11.87
3M22935. MBS3566	261137	7.26	201522	10.07	101618	11.87
3M22936. AC23680-003(	332416	7.27	236243	10.07	113002	11.87
3M22937. AC23680-003(	320540	7.26	210761	10.07	110204	11.87
3M22956. BLK	320766	7.26	227981	10.07	104786	11.86

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M06085.D

Analysis Date/Time: 06/01/06 08:24

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	289179	7.09	206322	9.93	109747	11.72						
Eval File Area Limit:	144590-578358		103161-412644		54874-219494							
Eval File Rt Limit:	6.59-7.59		9.43-10.43		11.22-12.22							

Data File Sample#						
6M06082. CAL @ 500 P	303383	7.09	217410	9.93	107201	11.72
6M06083. CAL @ 100 P	306455	7.09	225456	9.93	109270	11.72
6M06084. CAL @ 50 PP	295447	7.09	219935	9.93	112655	11.72
6M06085. CAL @ 20 PP	289179	7.09	206322	9.93	109747	11.72
6M06086. CAL @ 10 PP	278117	7.09	199280	9.93	104391	11.72
6M06087. CAL @ 5 PPB	268106	7.09	198236	9.93	101529	11.72
6M06088. CAL @ 1 PPB	262101	7.09	194527	9.93	99134	11.72
6M06089. DAILY BLANK	258368	7.10	189383	9.93	96036	11.72
6M06090. DAILY BLANK	259807	7.09	184797	9.93	89689	11.72
6M06092. AC23705-001	254583	7.10	185515	9.94	98641	11.72
6M06093. MBS3572	268111	7.09	190248	9.93	90267	11.72
6M06094. AC23703-004(	267565	7.10	193228	9.94	92564	11.73
6M06095. AC23703-004(	272332	7.09	197760	9.93	96911	11.72
6M06096. AC23754-001	273065	7.09	190446	9.94	90703	11.72
6M06097. AC23754-002	285793	7.09	199174	9.94	95981	11.73
6M06098. AC23754-003	281971	7.10	197756	9.94	96195	11.73
6M06099. AC23754-004	283785	7.10	199903	9.94	98004	11.73
6M06100. EF-1V14501(C	275339	7.10	210623	9.94	106234	11.73
6M06101. AC23733-002(	263023	7.10	197523	9.94	101569	11.72
6M06102. AC23733-003(	259145	7.10	190229	9.94	101303	11.73
6M06103. MBS3573	249407	7.10	187971	9.94	98038	11.73
6M06104. AC23754-006	248418	7.10	187102	9.94	94904	11.73
6M06105. AC23670-002	263815	7.10	185968	9.94	96075	11.73
6M06106. AC23716-003(	260589	7.10	190927	9.94	99204	11.73
6M06107. AC23716-003(	260878	7.10	191242	9.94	100159	11.73
6M06136. BLK	191687	7.09	151036	9.93	76710	11.72

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1.4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M23053.D

Analysis Date/Time: 06/05/06 09:12

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	403017	7.27	291400	10.07	152419	11.87						
Eval File Area Limit:	201508-806034		145700-582800		76210-304838							
Eval File Rt Limit:	6.77-7.77		9.57-10.57		11.37-12.37							

Data File Sample#						
3M23054. DAILY BLANK	381582	7.27	292520	10.07	146870	11.88
3M23055. DAILY BLANK	360615	7.27	259226	10.08	136292	11.87
3M23056. AC23791-002	349402	7.27	264512	10.08	142410	11.88
3M23057. AC23793-008	371460	7.28	276376	10.08	142870	11.88
3M23058. AC23801-012	356285	7.27	268721	10.08	144250	11.88
3M23059. AC23801-013	332421	7.27	252874	10.08	137832	11.89
3M23060. AC23801-015	341774	7.27	253653	10.08	134218	11.88
3M23062. MBS3583	337733	7.27	252841	10.08	131848	11.88
3M23063. AC23801-014	274391	7.27	220722	10.08	116686	11.89
3M23064. AC23801-013(	321793	7.27	236147	10.08	120455	11.88
3M23065. AC23801-013(	307263	7.27	238194	10.08	123638	11.88
3M23066. BLK	348537	7.28	260190	10.09	128172	11.88
3M23067. BLK	315999	7.28	234724	10.08	121485	11.89
3M23068. MBS3584	314094	7.28	250003	10.08	131443	11.89
3M23069. AC23677-002	288246	7.27	194621	10.09	77536	11.88
3M23070. AC23801-013	269111	7.27	199037	10.08	105603	11.89
3M23071. AC23791-007	280197	7.28	210874	10.09	108644	11.89
3M23072. AC23791-008	304209	7.28	216867	10.09	109826	11.89
3M23073. AC23791-009	292057	7.28	207375	10.09	108997	11.89
3M23074. AC23791-010	309815	7.28	221708	10.09	111538	11.89
3M23075. AC23791-011	297436	7.28	207333	10.09	108894	11.89
3M23076. AC23791-012	287445	7.28	212133	10.09	108396	11.89
3M23077. AC23791-013	297930	7.28	216307	10.09	115891	11.90
3M23078. AC23791-014	306852	7.28	229955	10.09	117485	11.89
3M23079. AC23791-015	291095	7.27	227477	10.09	119056	11.89
3M23080. AC23791-016	315036	7.27	221605	10.09	116937	11.89
3M23081. AC23842-001	278865	7.27	209117	10.09	112998	11.89
3M23082. AC23717-005(	320407	7.29	240992	10.09	118196	11.89
3M23083. AC23717-005(	290587	7.28	229532	10.08	119777	11.89
3M23084. BLK	315016	7.28	225248	10.09	112103	11.88
3M23094. MBS3588	303370	7.27	236827	10.08	123196	11.88
3M23095. BLK	306168	7.28	237909	10.08	118403	11.89

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M06261.D

Analysis Date/Time: 06/06/06 09:31

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	284386	7.10	205572	9.93	104082	11.72						
Eval File Area Limit:	142193-568772		102786-411144		52041-208164							
Eval File Rt Limit:	6.6-7.6		9.43-10.43		11.22-12.22							

Data File	Sample#						
6M06262.	DAILY BLANK	279362	7.10	198791	9.93	102903	11.72
6M06263.	DAILY BLANK	286918	7.09	199400	9.93	93316	11.72
6M06264.	AC23801-013	289191	7.09	205625	9.93	100150	11.72
6M06265.	AC23791-006	306178	7.09	216293	9.94	100176	11.72
6M06266.	AC23846-001	312079	7.09	220047	9.93	102801	11.72
6M06267.	AC23846-002	320034	7.09	222100	9.93	102717	11.72
6M06268.	AC23846-003	320962	7.10	216651	9.94	105589	11.73
6M06269.	AC23846-004	325161	7.09	223463	9.93	105720	11.72
6M06270.	AC23846-005	319474	7.10	225162	9.94	104280	11.73
6M06271.	AC23846-006	325276	7.09	228908	9.93	105822	11.73
6M06272.	AC23846-007	326666	7.09	222106	9.94	106652	11.73
6M06273.	AC23846-008	327173	7.09	229290	9.93	104999	11.72
6M06274.	AC23846-009	324176	7.09	228332	9.94	104346	11.72
6M06275.	AC23846-011	326612	7.10	229171	9.94	108053	11.72
6M06276.	AC23846-012	329449	7.10	226571	9.94	107888	11.73
6M06277.	AC23846-013	331380	7.10	230235	9.94	108657	11.73
6M06278.	AC23846-014	326344	7.10	220540	9.94	102393	11.72
6M06279.	AC23846-015	322897	7.10	227590	9.94	109274	11.72
6M06280.	AC23846-016	333660	7.09	230725	9.94	108796	11.73
6M06281.	MBS3591	332511	7.09	226608	9.94	110095	11.72
6M06282.	AC23854-001	333355	7.10	233638	9.94	111023	11.72
6M06283.	AC23854-002	338099	7.10	233163	9.94	109543	11.73
6M06284.	AC23854-003	339423	7.09	237859	9.93	109182	11.72
6M06285.	AC23854-004	337355	7.10	232934	9.94	106924	11.72
6M06286.	AC23792-004	327009	7.10	247223	9.94	132355	11.73
6M06287.	AC23846-001(	354377	7.10	245926	9.94	114675	11.73
6M06288.	AC23846-001(	345333	7.10	246809	9.94	119622	11.73
6M06289.	BLK	327244	7.10	246550	9.93	123485	11.72
6M06290.	BLK	308529	7.10	225921	9.93	118821	11.72
6M06291.	MBS3592	306619	7.10	226514	9.93	117214	11.72
6M06292.	AC23783-001(	297727	7.10	215987	9.94	108824	11.72
6M06293.	AC23783-001(	300247	7.10	215719	9.94	110353	11.72
6M06297.	BLK	282282	7.10	207644	9.94	107476	11.73
6M06298.	BLK	271764	7.10	202037	9.94	99887	11.72
6M06299.	BLK	269070	7.10	195821	9.94	101355	11.73

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_3	GCMS_6			
	Effective Date:>	2/1/2006	3/16/2006			
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,1,1-Trichloroethane		0.40012	0.43458			
1,1,2,2-Tetrachloroethane		0.24605	0.37374			
1,1,2-Trichloroethane		0.33881	0.24877			
1,1-Dichloroethane		0.38651	0.28326			
1,1-Dichloroethene		0.38859	0.40086			
1,2-Dichloroethane		0.49203	0.42064			
1,2-Dichloropropane		0.49585	0.47619			
2-Butanone		1.70524	0.92179			
2-Chloroethylvinylether		0.43696	0.33307			
2-Hexanone		1.39477	0.57868			
4-Methyl-2-Pentanone		0.21138	0.55256			
Acetone		5.63113	2.45076			
Acrolein		5.97478	5.94856			
Acrylonitrile		1.56517	0.47102			
Benzene		0.13544	0.15281			
Bromodichloromethane		0.32567	0.19947			
Bromoform		0.61742	0.35813			
Bromomethane		0.86549	0.61188			
Carbon disulfide		0.20318	0.62073			
Carbon tetrachloride		0.52552	0.43738			
Chlorobenzene		0.16807	0.28574			
Chloroethane		0.42305	0.59809			
Chloroform		0.40246	0.24448			
Chloromethane		0.65384	0.64255			
Cis-1,2-Dichloroethene		0.34086	0.42239			
Cis-1,3-Dichloropropene		0.34330	0.45451			
Dibromochloromethane		0.49418	0.38724			
Ethylbenzene		0.30843	0.66536			
M&p-Xylenes		0.48868	0.70633			
Methylene chloride		1.15685	0.91236			
O-Xylene		0.20832	0.44612			
Styrene		0.20940	0.37254			
Tetrachloroethene		0.45824	0.35209			
Toluene		0.20832	0.30897			
Trans-1,2-Dichloroethene		1.36336	0.44103			
Trans-1,3-Dichloropropene		0.50994	0.22363			
Trichloroethene		0.76384	0.30532			
Vinyl chloride		0.48313	0.70518			

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
7M18462	SMB2908	Soil	1		NA	NA	90	88	NA	94
7M18529	SMB2912	Soil	1		NA	NA	80	82	NA	97
7M18465	AC23801-004	Soil	1		NA	NA	90	90	NA	98
7M18466	AC23801-005	Soil	1		NA	NA	88	87	NA	94
7M18467	AC23801-006	Soil	1		NA	NA	90	88	NA	96
7M18468	AC23801-007(10X)	Soil	10		NA	NA	77	86	NA	82
7M18531	AC23801-010(3X)	Soil	3		NA	NA	78	83	NA	85
7M18532	AC23801-011(5X)	Soil	5		NA	NA	67	78	NA	75
7M18463	SMB2908(MS)	Soil	1		NA	NA	85	85	NA	99
7M18469	AC23791-001(MS)	Soil	1		NA	NA	88	84	NA	91
7M18470	AC23791-001(MSD)	Soil	1		NA	NA	91	89	NA	95
7M18530	SMB2912(MS)	Soil	1		NA	NA	87	89	NA	95
7M18541	AC23861-004(MS)	Soil	1		NA	NA	74	75	NA	95
7M18542	AC23861-004(MSD)	Soil	1		NA	NA	84	82	NA	98

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
7M18426	SMB2906	Soil	1		81	80	80	80	84	92
7M18434	SMB2907	Soil	1		78	79	79	78	81	86
7M18436	AC23801-012	Soil	1		81	81	82	79	81	87
7M18446	AC23801-013(3X)	Soil	3		83	85	86	82	86	86
7M18464	AC23801-014(50X)	Soil	50	SD	68	72	0 *	84	54	88
7M18438	AC23801-015	Soil	1		77	80	84	80	87	87
7M18427	SMB2906(MS)	Soil	1		76	76	78	78	81	91
7M18431	AC23695-003(MS)	Soil	1		82	83	88	85	88	93
7M18432	AC23695-003(MSD)	Soil	1		84	85	96	90	94	97
7M18433	SMB2907(MS)	Soil	1		83	84	83	85	92	91

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM 3
Spike Recovery

Batch Number: SMB2906
Mbs Name: SMB2906(MS)
Ns Name: AC23695-003
Ms Name: AC23695-003(MS)
Msd Name: AC23695-003(MS

Mbs File: 7M18427.D
Non Spk'd File: 7M18430.D
Spike File: 7M18431.D
Spike Dup File: 7M18432.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	1	0	200	26	90	35	149.18	0.00	152.45	151.28	75	76	76	0.77
2-Chlorophenol	1	0	200	25	102	50	165.01	0.00	167.28	167.12	83	84	84	0.1
1,4-Dichlorobenzene	1	0	100	28	104	27	76.35	0.00	80.86	82.27	76	81	82	1.7
N-Nitroso-di-n-propyla	1	0	100	41	126	38	84.37	0.00	87.68	88.59	84	88	89	1
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.86	0.00	88.11	90.67	87	88	91	2.9
4-Chloro-3-methylphen	1	0	200	26	103	33	181.44	0.00	184.22	190.42	91	92	95	3.3
Acenaphthene	1	0	100	31	137	19	67.65	0.00	69.03	69.14	68	69	69	0.16
2,4-Dinitrotoluene	1	0	100	28	89	47	86.15	0.00	85.83	87.88	86	86	88	2.4
4-Nitrophenol	1	0	200	11	114	50	179.87	0.00	185.69	197.78	90	93	99	6.3
Pentachlorophenol	1	0	200	17	109	47	190.52	0.00	190.16	209.61	95	95	105	9.7
Pyrene	1	0	100	35	142	36	79.26	0.00	76.54	80.43	79	77	80	5

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Form3

MBS Data

Method: 8270

0135

Data File:==>					7M18433.D														
Data/Batch/Sample ID:==>					SMB2907(MS)														
Date/Time:==>					06/05/06 13:58														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz	38-107		1	0	81.04	100	81												
1,4-Dichlorobenzen	28-104		1	0	77.91	100	78												
2,4-Dinitrotoluene	28-89		1	0	86.9	100	87												
2-Chlorophenol	25-102		1	0	161.4	200	81												
4-Chloro-3-methylp	26-103		1	0	177.9	200	89												
4-Nitrophenol	11-114		1	0	188.3	200	94												
Acenaphthene	31-137		1	0	66.58	100	67												
N-Nitroso-di-n-propy	41-126		1	0	83.86	100	84												
Pentachlorophenol	17-109		1	0	201.7	200	101												
Phenol	26-90		1	0	146	200	73												
Pyrene	35-142		1	0	71.33	100	71												

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3
Spike Recovery

Batch Number: SMB2908
Mbs Name: SMB2908(MS)
Ns Name: AC23791-001
Ms Name: AC23791-001(MS)
Msd Name: AC23791-001(MS

Mbs File: 7M18463.D
Non Spk'd File: 7M18471.D
Spike File: 7M18469.D
Spike Dup File: 7M18470.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,4-Dichlorobenzene	1	0	100	28	104	27	78.78	0.00	81.56	84.21	79	82	84	3.2
N-Nitroso-di-n-propyla	1	0	100	41	126	38	89.91	0.00	91.56	98.51	90	92	99	7.3
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.73	0.00	85.83	90.06	87	86	90	4.8
Acenaphthene	1	0	100	31	137	19	69.51	0.00	68.53	72.56	70	69	73	5.7
2,4-Dinitrotoluene	1	0	100	28	89	47	89.21	0.00	91.63	92.59	89	92 Mo	93 Mo	1
Pyrene	1	0	100	35	142	36	80.50	2.34	74.76	80.05	81	72	78	6.8

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3
Spike Recovery

Batch Number: SMB2912
Mbs Name: SMB2912(MS)
Ns Name: AC23861-004
Ms Name: AC23861-004(MS)
Msd Name: AC23861-004(MS

Mbs File: 7M18530.D
Non Spk'd File: 7M18540.D
Spike File: 7M18541.D
Spike Dup File: 7M18542.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,4-Dichlorobenzene	1	0	100	28	104	27	87.37	0.00	69.45	81.16	87	69	81	16
N-Nitroso-di-n-propyla	1	0	100	41	126	38	91.91	0.00	76.13	87.74	92	76	88	14
1,2,4-Trichlorobenzene	1	0	100	38	107	23	96.28	0.00	75.77	87.50	96	76	88	14
Acenaphthene	1	0	100	31	137	19	74.53	0.00	60.78	67.14	75	61	67	9.9
2,4-Dinitrotoluene	1	0	100	28	89	47	87.74	0.00	74.27	82.44	88	74	82	10
Pyrene	1	0	100	35	142	36	78.40	0.00	77.77	78.44	78	78	78	0.86

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2906
Blank Data File: 7M18426.D
Matrix: Soil

Blank Analysis Date: 06/05/06 11:15
Blank Extraction Date: 06/02/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23695-003(MS	7M18432.D	06/05/06 13:34
AC23695-003(MS)	7M18431.D	06/05/06 13:11
SMB2906(MS)	7M18427.D	06/05/06 11:38

FORM 4
Blank Summary

Blank Number: SMB2907
Blank Data File: 7M18434.D
Matrix: Soil

Blank Analysis Date: 06/05/06 14:21
Blank Extraction Date: 06/05/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23801-012	7M18436.D	06/05/06 15:07
AC23801-013(3X)	7M18446.D	06/05/06 18:59
AC23801-014(50X)	7M18464.D	06/06/06 11:53
AC23801-015	7M18438.D	06/05/06 15:53
SMB2907(MS)	7M18433.D	06/05/06 13:58

FORM 4
Blank Summary

Blank Number: SMB2908
Blank Data File: 7M18462.D
Matrix: Soil

Blank Analysis Date: 06/06/06 11:07
Blank Extraction Date: 06/05/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23801-004	7M18465.D	06/06/06 12:17
AC23801-005	7M18466.D	06/06/06 12:40
AC23801-006	7M18467.D	06/06/06 13:03
AC23801-007(10X)	7M18468.D	06/06/06 13:26
AC23791-001(MS	7M18470.D	06/06/06 14:13
AC23791-001(MS)	7M18469.D	06/06/06 13:49
SMB2908(MS)	7M18463.D	06/06/06 11:30

FORM 4
Blank Summary

Blank Number: SMB2912
Blank Data File: 7M18529.D
Matrix: Soil

Blank Analysis Date: 06/08/06 13:11
Blank Extraction Date: 06/08/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23801-010(3X)	7M18531.D	06/08/06 13:58
AC23801-011(5X)	7M18532.D	06/08/06 14:22
AC23861-004(MS	7M18542.D	06/08/06 18:15
AC23861-004(MS)	7M18541.D	06/08/06 17:52
SMB2912(MS)	7M18530.D	06/08/06 13:35

Form 5

Tune Name: DFTPP **Data File:** 7M18305.D
Instrument: Gcms_7 **Analysis Date:** 05/30/06 10:16

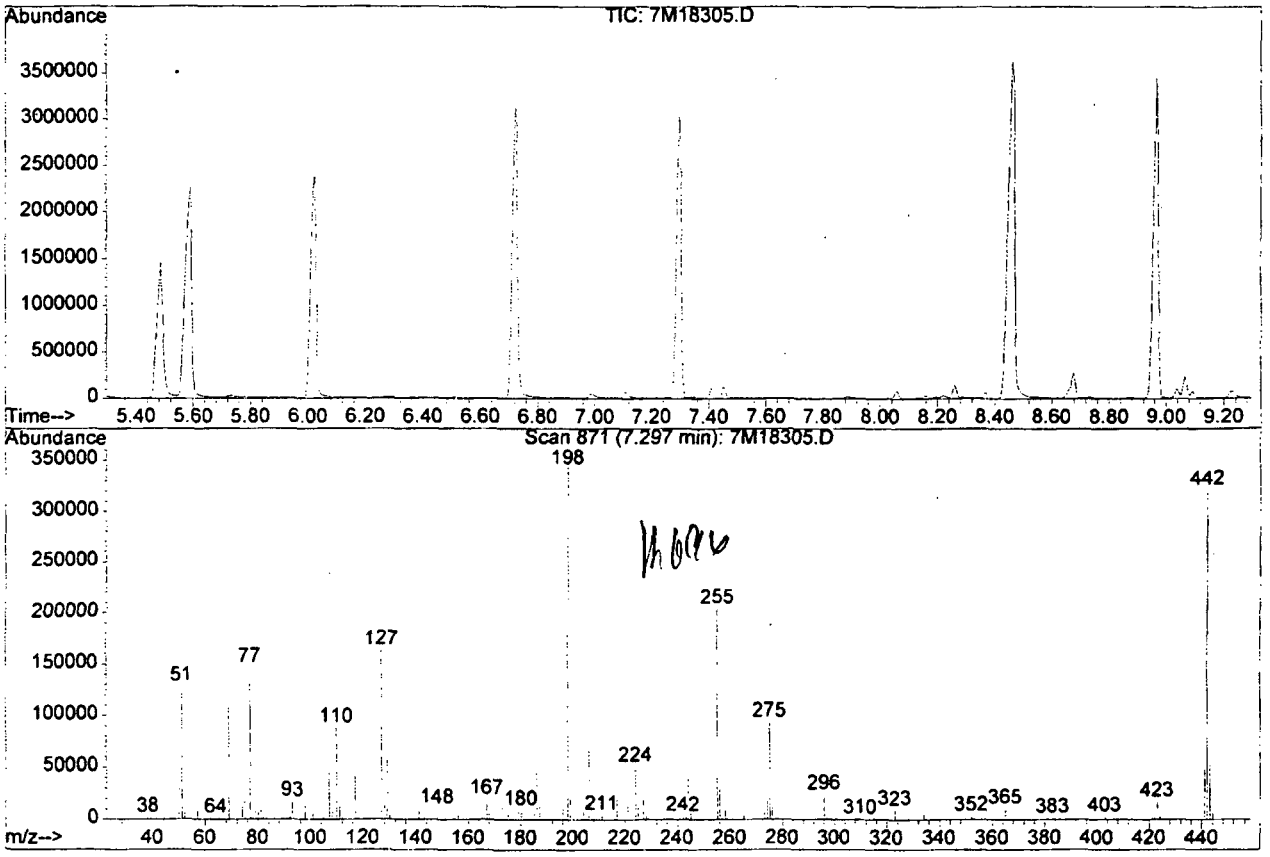
Tune Scan/Time Range: Scan 871

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	37.1	127496	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.7	126112	PASS
70	69	0.00	2	0.5	685	PASS
127	198	40	60	47.4	162944	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343552	PASS
199	198	5	9	6.6	22728	PASS
275	198	10	30	27.2	93424	PASS
365	198	1	100	2.9	10018	PASS
441	443	0.01	100	79.4	49560	PASS
442	198	40	100	93.3	320384	PASS
443	442	17	23	19.5	62440	PASS

Data File	Sample Number	Analysis Date:
7M18306.D	CAL BNA@50PPM	05/30/06 10:40
7M18307.D	CAL BNA@10PPM	05/30/06 11:03
7M18308.D	CAL BNA@25PPM	05/30/06 11:27
7M18309.D	CAL BNA@80PPM	05/30/06 11:50
7M18310.D	CAL BNA@160PP	05/30/06 12:13
7M18311.D	CAL BNA@200PP	05/30/06 12:37
7M18312.D	CAL BNA@50PPM	05/30/06 13:00
7M18313.D	CAL BNA@120PP	05/30/06 13:23
7M18314.D	WMB2908	05/30/06 14:06
7M18315.D	AC23138-002	05/30/06 14:29
7M18316.D	AC23138-002(3X)	05/30/06 14:52
7M18317.D	SMB2898	05/30/06 15:16
7M18318.D	SMB2899	05/30/06 15:39
7M18319.D	SMB2900	05/30/06 16:03
7M18320.D	SMB2901	05/30/06 16:26
7M18321.D	WMB2906	05/30/06 16:50
7M18322.D	WMB2907	05/30/06 17:13
7M18323.D	AC23638-009	05/30/06 17:37
7M18324.D	AC23638-012	05/30/06 18:01
7M18325.D	AC23638-013	05/30/06 18:24
7M18326.D	AC23639-015	05/30/06 18:48
7M18327.D	AC23653-008	05/30/06 19:11
7M18328.D	AC23668-002	05/30/06 19:35
7M18329.D	AC23637-009	05/30/06 19:58
7M18330.D	AC23637-011	05/30/06 20:21
7M18331.D	AC23637-012	05/30/06 20:45
7M18332.D	AC23637-010(10X)	05/30/06 21:08

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\05-30-06\7M18305.D Vial: 1
Acq On : 30 May 2006 10:16 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0526.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Scan 871

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.1	127496	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.7	126112	PASS
70	69	0.00	2	0.5	685	PASS
127	198	40	60	47.4	162944	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343552	PASS
199	198	5	9	6.6	22728	PASS
275	198	10	30	27.2	93424	PASS
365	198	1	100	2.9	10018	PASS
441	443	0.01	100	79.4	49560	PASS
442	198	40	100	93.3	320384	PASS
443	442	17	23	19.5	62440	PASS

7M18305.D 7M_0526.M Fri Jun 09 13:38:49 2006 RPT1

Form 5

Tune Name: DFTPP **Data File:** 7M18422.D
Instrument: Gcms_7 **Analysis Date:** 06/05/06 09:39

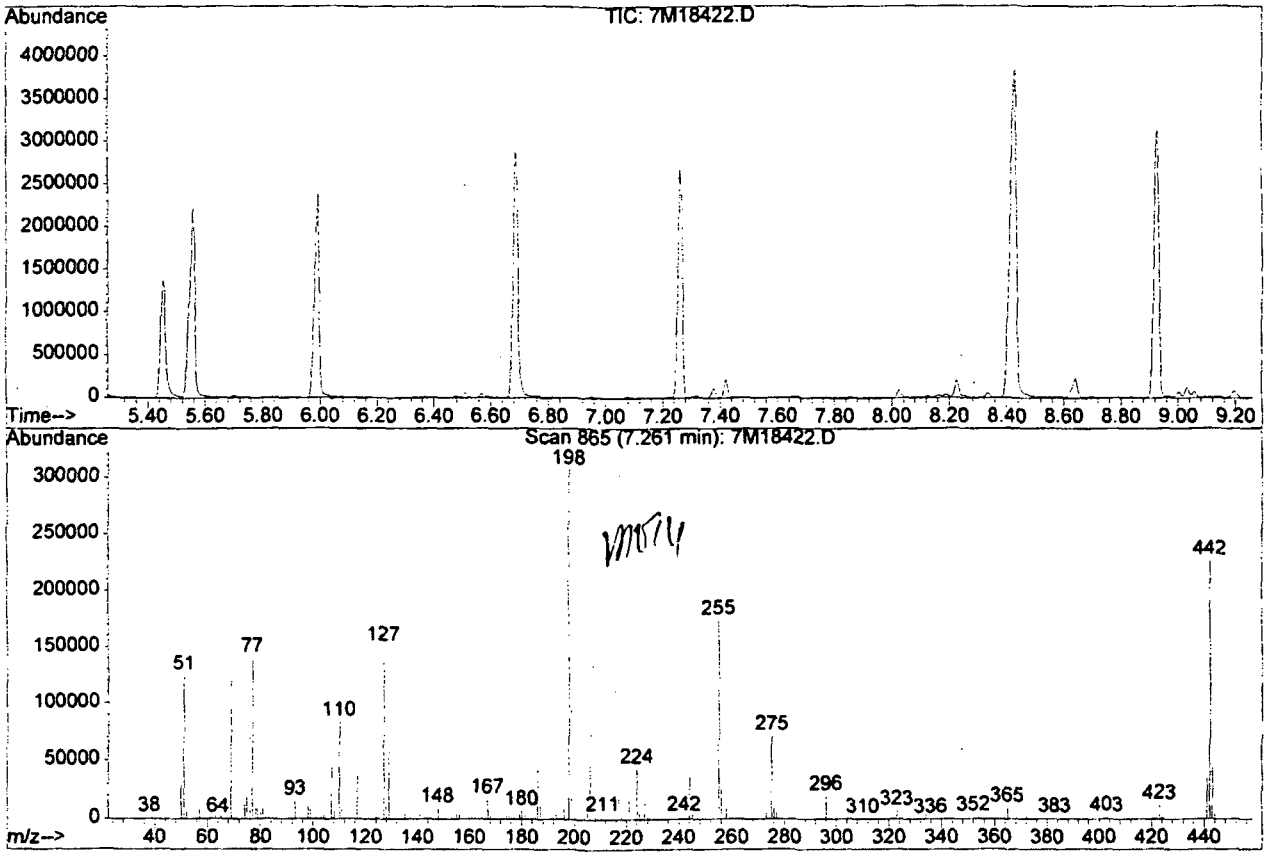
Tune Scan/Time Range: Scan 865

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.4	124952	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.8	119952	PASS
70	69	0.00	2	0.6	706	PASS
127	198	40	60	48.9	150976	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	308992	PASS
199	198	5	9	7.0	21752	PASS
275	198	10	30	23.1	71408	PASS
365	198	1	100	3.1	9647	PASS
441	443	0.01	100	79.8	35296	PASS
442	198	40	100	73.2	226048	PASS
443	442	17	23	19.6	44256	PASS

Data File	Sample Number	Analysis Date:
7M18423.D	CAL BNA@50PPM	06/05/06 10:05
7M18424.D	WMB2914	06/05/06 10:28
7M18425.D	WMB2915	06/05/06 10:52
7M18426.D	SMB2906	06/05/06 11:15
7M18427.D	SMB2906(MS)	06/05/06 11:38
7M18428.D	SMB2904(MS)	06/05/06 12:01
7M18429.D	AC23683-003	06/05/06 12:25
7M18430.D	AC23695-003	06/05/06 12:48
7M18431.D	AC23695-003(MS)	06/05/06 13:11
7M18432.D	AC23695-003(MS	06/05/06 13:34
7M18433.D	SMB2907(MS)	06/05/06 13:58
7M18434.D	SMB2907	06/05/06 14:21
7M18435.D	AC23801-013(10X)	06/05/06 14:44
7M18436.D	AC23801-012	06/05/06 15:07
7M18437.D	AC23801-014	06/05/06 15:30
7M18438.D	AC23801-015	06/05/06 15:53
7M18439.D	AC23691-001	06/05/06 16:17
7M18440.D	AC23691-002	06/05/06 16:40
7M18441.D	AC23691-003	06/05/06 17:03
7M18442.D	AC23741-004	06/05/06 17:26
7M18443.D	AC23741-006	06/05/06 17:50
7M18444.D	AC23741-002	06/05/06 18:13
7M18445.D	AC23741-008	06/05/06 18:36
7M18446.D	AC23801-013(3X)	06/05/06 18:59
7M18447.D	AC23683-004(5X)	06/05/06 19:23
7M18448.D	AC23695-002(20X)	06/05/06 19:46
7M18449.D	AC23653-002	06/05/06 20:09
7M18450.D	AC23801-014(20X)	06/05/06 20:32
7M18451.D	AC23695-014	06/05/06 20:55
7M18452.D	AC23695-015	06/05/06 21:18
7M18453.D	AC23695-013	06/05/06 21:42
7M18454.D	AC23791-017	06/06/06 07:05
7M18455.D	AC23795-001	06/06/06 07:28
7M18456.D	AC23795-002	06/06/06 07:51
7M18457.D	AC23799-001	06/06/06 08:15
7M18458.D	AC23799-007	06/06/06 08:38
7M18459.D	AC23799-001	06/06/06 09:01

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-05-06\7M18422.D Vial: 1
Acq On : 5 Jun 2006 9:39 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Scan 865

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	124952	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.8	119952	PASS
70	69	0.00	2	0.6	706	PASS
127	198	40	60	48.9	150976	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	308992	PASS
199	198	5	9	7.0	21752	PASS
275	198	10	30	23.1	71408	PASS
365	198	1	100	3.1	9647	PASS
441	443	0.01	100	79.8	35296	PASS
442	198	40	100	73.2	226048	PASS
443	442	17	23	19.6	44256	PASS

7M18422.D 7M_0530.M Wed Jun 07 15:31:55 2006 RPT1

Form 5

Tune Name: DFTPP **Data File:** 7M18460.D
Instrument: Gcms_7 **Analysis Date:** 06/06/06 10:16

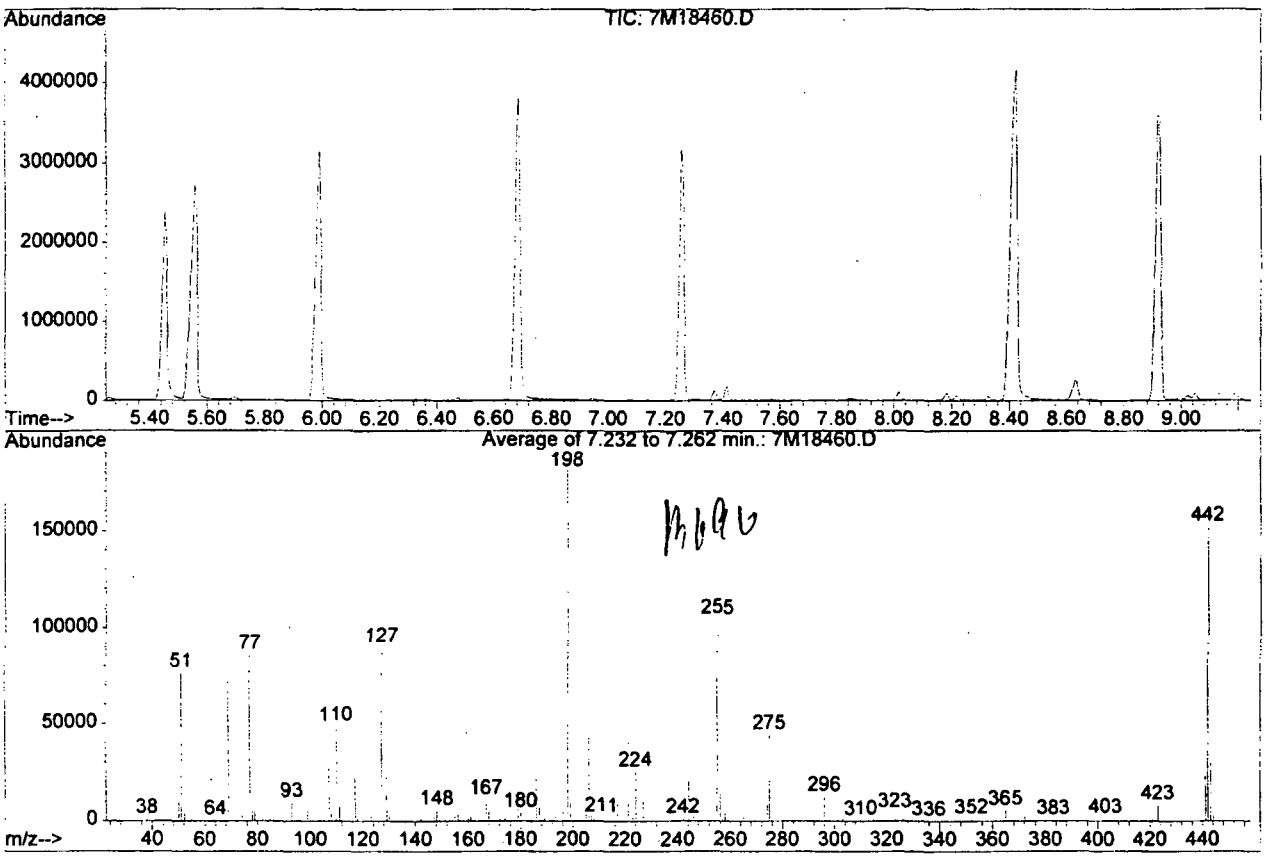
Tune Scan/Time Range: Average of 7.232 to 7.262 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	42.0	76222	PASS
68	69	0.00	2	0.2	151	PASS
69	198	0.00	100	41.4	75212	PASS
70	69	0.00	2	0.7	502	PASS
127	198	40	60	49.4	89839	PASS
197	198	0.00	1	0.3	501	PASS
198	198	100	100	100.0	181678	PASS
199	198	5	9	6.8	12407	PASS
275	198	10	30	24.3	44164	PASS
365	198	1	100	3.0	5439	PASS
441	443	0.01	100	77.5	23266	PASS
442	198	40	100	83.7	152143	PASS
443	442	17	23	19.7	30030	PASS

Data File	Sample Number	Analysis Date:
7M18461.D	CAL BNA@50PPM	06/06/06 10:42
7M18462.D	SMB2908	06/06/06 11:07
7M18463.D	SMB2908(MS)	06/06/06 11:30
7M18464.D	AC23801-014(50X)	06/06/06 11:53
7M18465.D	AC23801-004	06/06/06 12:17
7M18466.D	AC23801-005	06/06/06 12:40
7M18467.D	AC23801-006	06/06/06 13:03
7M18468.D	AC23801-007(10X)	06/06/06 13:26
7M18469.D	AC23791-001(MS)	06/06/06 13:49
7M18470.D	AC23791-001(MS	06/06/06 14:13
7M18471.D	AC23791-001	06/06/06 14:36
7M18472.D	WMB2917(MS)	06/06/06 14:59
7M18473.D	WMB2917	06/06/06 15:22
7M18474.D	AC23664-004	06/06/06 15:45
7M18475.D	AC23695-016	06/06/06 16:09
7M18476.D	AC23695-017	06/06/06 16:32
7M18477.D	AC23767-001	06/06/06 16:55
7M18478.D	AC23833-001	06/06/06 17:18
7M18479.D	AC23787-002	06/06/06 17:41
7M18480.D	AC23791-006	06/06/06 18:04
7M18481.D	AC23664-001	06/06/06 18:28
7M18482.D	AC23791-002(10X)	06/06/06 18:51
7M18483.D	AC23791-004(2X)	06/06/06 19:14
7M18484.D	AC23791-005(2X)	06/06/06 19:37
7M18485.D	AC23791-009(2X)	06/06/06 20:01
7M18486.D	AC23791-007	06/06/06 20:24
7M18487.D	AC23791-003	06/06/06 20:47
7M18488.D	AC23791-008	06/06/06 21:10

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18460.D Vial: 1
Acq On : 6 Jun 2006 10:16 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Average of 7.232 to 7.262 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	42.0	76222	PASS
68	69	0.00	2	0.2	151	PASS
69	198	0.00	100	41.4	75212	PASS
70	69	0.00	2	0.7	502	PASS
127	198	40	60	49.4	89839	PASS
197	198	0.00	1	0.3	501	PASS
198	198	100	100	100.0	181678	PASS
199	198	5	9	6.8	12407	PASS
275	198	10	30	24.3	44164	PASS
365	198	1	100	3.0	5439	PASS
441	443	0.01	100	77.5	23266	PASS
442	198	40	100	83.7	152143	PASS
443	442	17	23	19.7	30030	PASS

7M18460.D 7M_0530.M Fri Jun 09 13:38:51 2006 RPT1

Form 5

Tune Name: DFTPP **Data File:** 7M18515.D
Instrument: Gcms_7 **Analysis Date:** 06/08/06 07:29

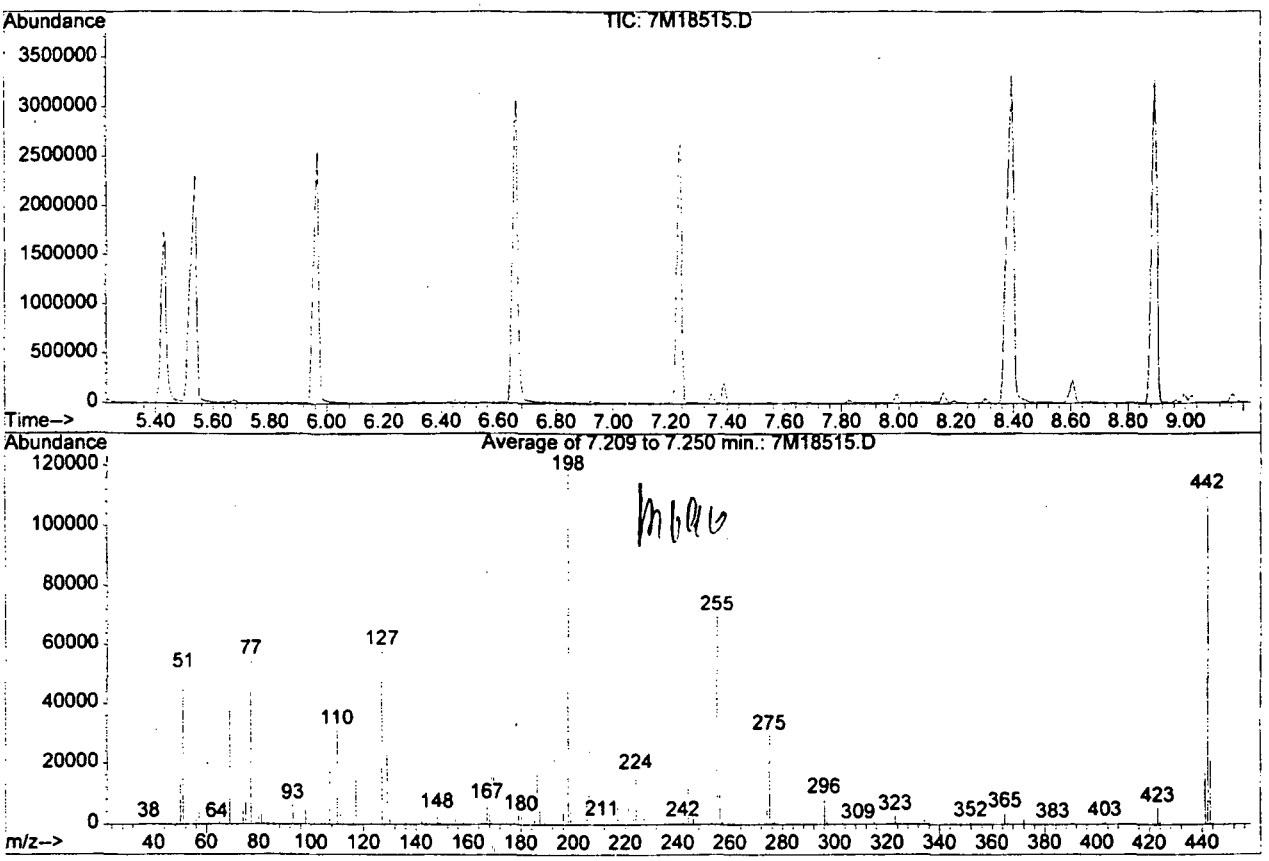
Tune Scan/Time Range: Average of 7.209 to 7.250 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	42.9	50490	PASS
68	69	0.00	2	0.2	98	PASS
69	198	0.00	100	40.9	48154	PASS
70	69	0.00	2	0.7	325	PASS
127	198	40	60	49.2	57942	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	117817	PASS
199	198	5	9	6.9	8073	PASS
275	198	10	30	25.0	29493	PASS
365	198	1	100	3.3	3853	PASS
441	443	0.01	100	78.7	16725	PASS
442	198	40	100	93.6	110239	PASS
443	442	17	23	19.3	21243	PASS

Data File	Sample Number	Analysis Date:
7M18516.D	CAL BNA@50PPM	06/08/06 07:58
7M18517.D	WMB2918	06/08/06 08:27
7M18518.D	WMB2918(MS)	06/08/06 08:51
7M18519.D	AC23842-002(T)	06/08/06 09:14
7M18520.D	AC23846-010(T)	06/08/06 09:37
7M18521.D	AC23850-006	06/08/06 10:01
7M18522.D	SMB2911	06/08/06 10:24
7M18523.D	SMB2911(MS)	06/08/06 10:47
7M18524.D	AC23863-002	06/08/06 11:11
7M18525.D	AC23863-002(MS)	06/08/06 11:34
7M18526.D	AC23863-002(MS	06/08/06 12:01
7M18527.D	SMB2911(MS)	06/08/06 12:25
7M18528.D	SMB2909(MS)	06/08/06 12:48
7M18529.D	SMB2912	06/08/06 13:11
7M18530.D	SMB2912(MS)	06/08/06 13:35
7M18531.D	AC23801-010(3X)	06/08/06 13:58
7M18532.D	AC23801-011(5X)	06/08/06 14:22
7M18533.D	SMB2910(MS)	06/08/06 14:45
7M18534.D	SMB2910	06/08/06 15:09
7M18535.D	WMB2909	06/08/06 15:32
7M18536.D	AC23847-001	06/08/06 15:55
7M18537.D	AC23847-001(MS)	06/08/06 16:19
7M18538.D	AC23847-001(MS	06/08/06 16:42
7M18539.D	AC23846-006	06/08/06 17:05
7M18540.D	AC23861-004	06/08/06 17:29
7M18541.D	AC23861-004(MS)	06/08/06 17:52
7M18542.D	AC23861-004(MS	06/08/06 18:15
7M18543.D	AC23862-001(10X)	06/08/06 18:38
7M18544.D	AC23843-003(10X)	06/08/06 19:02
7M18545.D	AC23843-006(10X)	06/08/06 19:25
7M18546.D	AC23846-018(10X)	06/08/06 19:48
7M18547.D	AC23809-010	06/08/06 20:12

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18515.D Vial: 1
Acq On : 8 Jun 2006 7:29 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Average of 7.209 to 7.250 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	42.9	50490	PASS
68	69	0.00	2	0.2	98	PASS
69	198	0.00	100	40.9	48154	PASS
70	69	0.00	2	0.7	325	PASS
127	198	40	60	49.2	57942	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	117817	PASS
199	198	5	9	6.9	8073	PASS
275	198	10	30	25.0	29493	PASS
365	198	1	100	3.3	3853	PASS
441	443	0.01	100	78.7	16725	PASS
442	198	40	100	93.6	110239	PASS
443	442	17	23	19.3	21243	PASS

7M18515.D 7M_0530.M Fri Jun 09 13:38:52 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.6336	1.2387	1.5738	1.6514	1.7174	1.8022	1.7649	-----	1.63	1.83	0.999	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9611	0.8417	0.9524	0.9120	1.0096	0.9730	1.0161	-----	0.952	1.78	0.998	0.999	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.4092	1.3514	1.4010	1.4418	1.4490	1.5177	1.5615	-----	1.45	3.64	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	2.0709	2.5011	2.1984	2.1670	1.9956	1.9661	1.9911	-----	2.13	4.69	0.999	0.999	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5296	0.5168	0.5226	0.5254	0.5320	0.5387	0.5345	-----	0.529	4.73	1.00	1.00	1.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.5165	1.5835	1.6063	1.5616	1.5253	1.5725	1.5670	-----	1.56	4.78	1.00	1.00	2.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.8403	1.8674	1.9549	1.9544	1.8509	1.9422	1.9472	-----	1.91	4.69	0.999	0.999	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	2.2086	2.2947	2.2723	2.2667	2.1838	2.2914	2.2965	-----	2.26	4.70	0.999	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4867	1.5098	1.4580	1.5243	1.5068	1.5344	1.5730	-----	1.51	4.79	0.999	1.00	2.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5663	1.5477	1.4947	1.5084	1.5368	1.5463	1.5032	-----	1.53	4.93	0.999	1.00	1.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5577	1.5508	1.5532	1.5604	1.5497	1.5820	1.5451	-----	1.56	5.00	1.00	1.00	0.78*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4569	1.4949	1.4823	1.4678	1.4638	1.4657	1.4392	-----	1.47	5.13	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9954	0.9326	0.9746	1.0320	1.0084	1.0365	1.0408	-----	1.00	5.13	1.00	1.00	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	2.6070	2.6912	2.7193	2.6227	2.5207	2.6268	2.5804	-----	2.62	5.25	0.999	0.999	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.3838	1.3713	1.4312	1.4403	1.4037	1.4355	1.4510	-----	1.42	5.23	1.00	1.00	2.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6678	0.6278	0.6809	0.6683	0.6792	0.6834	0.6717	-----	0.668	5.41	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.0402	1.0823	1.0941	1.1433	1.0973	1.1535	1.1599	-----	1.11	5.35	0.999	0.999	4.0**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4322	1.4746	1.4847	1.5339	1.4954	1.5531	1.5450	-----	1.50	5.36	0.999	1.00	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1455	0.1458	0.1467	0.1667	0.1680	0.1703	0.1769	-----	0.160	5.46	0.998	0.999	8.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4122	0.3812	0.4022	0.4245	0.4204	0.4127	0.4196	-----	0.410	5.47	1.00	1.00	3.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.6975	0.7014	0.7279	0.7596	0.7335	0.7372	0.7336	-----	0.727	5.67	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1814	0.1451	0.1683	0.1849	0.1899	0.1876	0.1965	-----	0.179	5.73	0.999	0.999	9.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.3632	0.3122	0.3453	0.3811	0.3916	0.3935	0.3899	-----	0.368	5.79	1.00	1.00	8.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0736	----	0.0517	0.0940	0.1020	0.0992	0.1130	-----	0.0890	5.84	0.993	0.995	25	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4318	0.4420	0.4543	0.4580	0.4632	0.4396	0.4362	-----	0.446	5.86	0.998	0.999	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.2821	0.2716	0.2786	0.2910	0.2868	0.2884	0.2916	-----	0.284	5.92	1.00	1.00	2.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.2936	0.2972	0.2907	0.2902	0.3000	0.2890	0.2912	-----	0.293	5.99	1.00	1.00	1.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.3958	1.4794	1.4120	1.4442	1.4294	1.3762	1.3457	-----	1.41	6.04	0.999	1.00	3.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4019	0.4270	0.4209	0.4360	0.4002	0.3834	0.3683	-----	0.405	6.09	0.995	0.999	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1533	0.1611	0.1537	0.1546	0.1597	0.1561	0.1547	-----	0.156	6.14	1.00	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.2951	0.3005	0.3093	0.3441	0.3308	0.3354	0.3411	-----	0.322	6.46	0.999	0.999	6.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6556	0.6417	0.6636	0.6958	0.6760	0.6676	0.6664	-----	0.667	6.56	1.00	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.6556	0.6417	0.6636	0.6958	0.6760	0.6676	0.6664	-----	0.667	6.56	1.00	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.4870	0.4497	0.4830	0.4665	0.4656	0.4734	0.4742	-----	0.471	6.69	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.2175	0.1550	0.1915	0.2313	0.2574	0.2585	0.2305	-----	0.220	6.68	0.990	0.994	17**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3332	0.3166	0.3198	0.3329	0.3546	0.3511	0.3630	-----	0.339	6.78	0.998	1.00	5.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3566	0.3290	0.3707	0.3631	0.3640	0.3665	0.3923	-----	0.363	6.80	0.997	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2506	1.1732	1.2653	1.2288	1.2593	1.2490	1.2695	-----	1.24	6.84	1.00	1.00	2.7	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1201	1.0955	1.0841	1.1197	1.1293	1.1119	1.1279	-----	1.11	6.93	1.00	1.00	1.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8488	0.8180	0.8348	0.8409	0.8369	0.8248	0.8333	-----	0.834	7.18	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.8488	0.8180	0.8348	0.8409	0.8369	0.8248	0.8333	-----	0.834	7.18	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7254	0.7188	0.7301	0.7313	0.7261	0.7391	0.7421	-----	0.730	7.00	1.00	1.00	1.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0150

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.4876	0.4432	0.4861	0.5076	0.5210	0.5276	0.5390	-----	0.502	7.01	0.999	1.00	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.2864	2.2574	2.3286	2.3021	2.3246	2.2670	2.2865	-----	2.29	7.24	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.2469	1.2389	1.2243	1.2587	1.2571	1.2475	1.2889	-----	1.25	7.15	0.999	1.00	1.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	LinF	0.2448	0.1936	0.2538	0.2644	0.2667	0.2795	0.2922	-----	0.256	7.20	0.998	1.00	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.3636	1.4235	1.3347	1.3863	1.3836	1.3819	1.3639	-----	1.38	7.38	1.00	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3064	0.2657	0.2888	0.3214	0.3294	0.3243	0.3285	-----	0.309	7.33	1.00	1.00	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.0673	-----	-----	0.0897	0.1123	0.1224	0.1535	-----	0.109	7.42	0.977	0.996	30**(0.050)	50.00			80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.5590	1.5833	1.5963	1.5914	1.5509	1.5450	1.5356	-----	1.57	7.53	1.00	1.00	1.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	LinF	0.3430	0.2714	0.3292	0.3639	0.3728	0.3801	0.3839	-----	0.349	7.53	1.00	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.2701	0.2077	0.2403	0.2819	0.2885	0.3032	0.3179	-----	0.273	7.47	0.998	1.00	14**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2428	0.2037	0.2388	0.2537	0.2626	0.2687	0.2843	-----	0.251	7.63	0.998	1.00	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.6439	1.6678	1.6553	1.6500	1.6643	1.6288	1.6045	-----	1.65	7.82	1.00	1.00	1.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.5511	0.6189	0.5717	0.5618	0.5509	0.5491	0.5516	-----	0.565	7.83	1.00	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.1887	1.1315	1.1964	1.2066	1.2354	1.2187	1.2380	-----	1.20	7.74	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3455	0.2901	0.3298	0.3577	0.3499	0.3595	0.3731	-----	0.344	7.84	0.999	1.00	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1016	-----	0.0825	0.1157	0.1293	0.1427	0.1590	-----	0.122	7.87	0.987	1.00	23	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6579	0.6178	0.6220	0.6476	0.6390	0.6469	0.6470	-----	0.640	7.93	1.00	1.00	2.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0880	0.0698	0.0922	0.0904	0.0975	0.0955	0.1023	-----	0.0909	8.04	0.997	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0383	0.9538	1.0213	1.0414	1.0323	1.0324	1.0232	-----	1.02	7.97	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2199	0.2039	0.2119	0.2152	0.2178	0.2211	0.2186	-----	0.216	8.28	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.2258	0.2163	0.2251	0.2263	0.2213	0.2255	0.2224	-----	0.223	8.32	1.00	1.00	1.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1288	0.1018	0.1221	0.1426	0.1375	0.1397	0.1481	-----	0.132	8.57	0.998	0.999	12	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1047	-----	0.0670	0.1103	0.1174	0.1285	0.1463	-----	0.112	8.51	0.993	0.998	24*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.6675	1.6623	1.6540	1.6127	1.6210	1.6154	1.5955	-----	1.63	8.72	1.00	1.00	1.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.5920	1.5224	1.5630	1.6311	1.5902	1.6219	1.5984	-----	1.59	8.77	1.00	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.2119	1.1270	1.1778	1.2169	1.2008	1.2060	1.2007	-----	1.19	8.95	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1522	0.1462	0.1395	0.1553	0.1614	0.1570	0.1832	-----	0.156	9.22	0.988	0.995	8.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.2991	1.1277	1.2469	1.3577	1.3673	1.4303	1.4455	-----	1.32	9.36	0.999	1.00	8.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1258	0.1152	0.1272	0.1144	0.1195	0.1266	0.1260	-----	0.122	9.89	0.998	0.999	4.6	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.6465	1.4805	1.5715	1.6677	1.6421	1.6956	1.6709	-----	1.63	9.99	1.00	1.00	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.9256	1.8931	1.8561	1.9668	1.9019	1.9719	1.9253	-----	1.92	10.24	0.999	0.999	2.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1321	-----	0.1320	0.1497	0.1904	0.1664	-----	-----	0.154	10.18	0.977	0.978	16	50.00		25.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	0.8512	0.8854	0.8144	0.8690	0.8546	0.8943	0.8964	-----	0.867	10.46	0.999	1.00	3.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0661	0.0727	0.0596	0.0676	0.0654	0.0738	0.0793	-----	0.0693	10.68	0.990	0.998	9.4	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	LinF	0.5738	0.4549	0.5050	0.6208	0.6188	0.6599	0.6811	-----	0.588	11.07	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	0.9937	1.0085	1.0120	1.0238	1.0032	1.0170	0.9985	-----	1.01	11.68	1.00	1.00	1.0	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4036	0.3229	0.3789	0.4282	0.4029	0.4187	0.4166	-----	0.396	11.65	0.999	0.999	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.5510	1.4793	1.4568	1.6217	1.5611	1.6491	1.6189	-----	1.56	11.64	0.999	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6064	1.6790	1.6387	1.6739	1.6326	1.6689	1.6099	-----	1.64	11.68	0.999	0.999	1.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.7807	0.5647	0.6955	0.8570	0.8498	0.9183	0.9324	-----	0.800	11.79	0.998	0.999	16	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	1.5069	0.9672	1.2640	1.7659	1.8127	1.9641	2.0812	-----	1.62	12.54	0.989	1.00	25*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.1086	1.9657	2.0598	2.3298	2.2294	2.2156	2.1872	-----	2.16	12.84	0.999	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0151

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.3394	2.2380	2.1749	2.3214	2.3089	2.3723	2.3172	-----	2.30	12.88	1.00	1.00	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0421	2.0280	1.9466	2.1515	2.1031	2.1428	2.0915	-----	2.07	13.18	0.999	1.00	3.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.0525	1.8075	1.9504	2.1434	2.1081	2.1418	2.1167	-----	2.05	14.29	1.00	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7032	1.6247	1.6569	1.8038	1.7547	1.7795	1.7622	-----	1.73	14.32	1.00	1.00	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8469	1.8038	1.7858	1.9601	1.8844	1.9135	1.8552	-----	1.86	14.54	0.999	0.999	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Flt = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0152

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18423.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/5/2006 10:05:00 A **Method:** 8270

0153

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.96	40.00	40				0.000	0.00	
Pyridine	1	0		1.78	50.92	50			1.626	1.656	1.84	
N-Nitrosodimethylamine	1	0		1.74	48.81	50			0.952	0.930	2.38	
2-Fluorophenol	1	0	S	3.59	49.96	50			1.447	1.446	0.08	
Aniline	1	0		4.66	52.10	50			2.127	2.216	4.20	
Pentachloroethane	1	0		4.69	51.12	50			0.529	0.540	2.24	
bis(2-Chloroethyl)ether	1	0		4.74	50.10	50			1.562	1.565	0.20	
Phenol-d5	1	0	S	4.66	51.25	50			1.908	1.956	2.50	
Phenol	1	0	CC	4.67	49.69	50	20		2.259	2.245	0.62	
2-Chlorophenol	1	0		4.76	49.84	50			1.513	1.508	0.32	
1,3-Dichlorobenzene	1	0		4.90	49.94	50			1.529	1.527	0.12	
1,4-Dichlorobenzene	1	0	CC	4.97	50.50	50	20		1.557	1.573	1.00	
1,2-Dichlorobenzene	1	0		5.10	50.28	50			1.467	1.475	0.56	
Benzyl alcohol	1	0		5.10	53.01	50			1.003	1.063	6.02	
bis(2-chloroisopropyl)ether	1	0		5.22	49.73	50			2.624	2.610	0.54	
2-Methylphenol	1	0		5.21	51.55	50			1.417	1.461	3.10	
Hexachloroethane	1	0		5.38	50.42	50			0.668	0.674	0.84	
N-Nitroso-di-n-propylamine	1	0	CP	5.33	50.98	50	0.05		1.110	1.132	1.96	
3&4-Methylphenol	1	0		5.34	50.42	50			1.503	1.515	0.84	
Naphthalene-d8	1	0	I	6.00	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.43	26.52	25			0.160	0.170	6.08	
Nitrobenzene	1	0		5.45	49.98	50			0.410	0.410	0.04	
Isophorone	1	0		5.64	50.73	50			0.727	0.738	1.46	
2-Nitrophenol	1	0	CC	5.70	54.40	50	20		0.179	0.195	8.80	
2,4-Dimethylphenol	1	0		5.76	51.27	50			0.368	0.378	2.54	
Benzoic Acid	1	0		5.83	56.91	50			0.089	0.101	13.82	
bis(2-Chloroethoxy)methane	1	0		5.83	50.44	50			0.446	0.450	0.88	
2,4-Dichlorophenol	1	0	CC	5.90	51.09	50	20		0.284	0.291	2.18	
1,2,4-Trichlorobenzene	1	0		5.96	50.04	50			0.293	0.293	0.08	
Naphthalene	1	0		6.01	49.56	50			1.412	1.399	0.88	
4-Chloroaniline	1	0		6.06	54.04	50			0.405	0.438	8.08	
Hexachlorobutadiene	1	0	CC	6.11	49.92	50	20		0.156	0.156	0.16	
4-Chloro-3-methylphenol	1	0	CC	6.43	52.25	50	20		0.322	0.337	4.50	
2-Methylnaphthalene	1	0		6.53	49.86	50			0.667	0.665	0.28	
Methylnaphthalenes	1	0		6.53	49.86							
Acenaphthene-d10	1	0	I	7.32	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.66	49.77	50			0.471	0.469	0.46	
Hexachlorocyclopentadiene	1	0	CP	6.65	53.72	50	0.05		0.220	0.237	7.44	
2,4,6-Trichlorophenol	1	0	CC	6.74	49.63	50	20		0.339	0.336	0.74	
2,4,5-Trichlorophenol	1	0		6.77	49.37	50			0.363	0.359	1.26	
2-Fluorobiphenyl	1	0	S	6.81	25.22	25			1.242	1.253	0.88	
2-Chloronaphthalene	1	0		6.89	50.96	50			1.113	1.134	1.92	
1,4-Dimethylnaphthalene	1	0		7.14	49.21	50			0.834	0.821	1.58	
Dimethylnaphthalenes	1	0		7.14	49.21							
Diphenyl Ether	1	0		6.96	49.15	50			0.730	0.718	1.70	
2-Nitroaniline	1	0		6.97	51.81	50			0.502	0.520	3.62	
Acenaphthylene	1	0		7.20	49.08	50			2.293	2.251	1.84	
Dimethylphthalate	1	0		7.11	49.83	50			1.252	1.248	0.34	
2,6-Dinitrotoluene	1	0		7.16	48.78	50			0.256	0.274	2.44	
Acenaphthene	1	0	CC	7.34	50.46	50	20		1.377	1.389	0.92	
3-Nitroaniline	1	0		7.29	53.74	50			0.309	0.332	7.48	
2,4-Dinitrophenol	1	0	CP	7.38	39.97	50	0.05		0.109	0.087	20.06	
Dibenzofuran	1	0		7.48	48.87	50			1.566	1.531	2.26	
2,4-Dinitrotoluene	1	0		7.48	47.07	50			0.349	0.356	5.86	
4-Nitrophenol	1	0	CP	7.43	52.33	50	0.05		0.273	0.286	4.66	
2,3,4,6-Tetrachlorophenol	1	0		7.59	51.43	50			0.251	0.258	2.86	
Fluorene	1	0		7.78	49.22	50			1.645	1.619	1.56	
4-Chlorophenyl-phenylether	1	0		7.78	49.05	50			0.565	0.554	1.90	
Diethylphthalate	1	0		7.70	50.43	50			1.202	1.213	0.86	
4-Nitroaniline	1	0		7.80	49.95	50			0.344	0.343	0.10	
Phenanthrene-d10	1	0	I	8.65	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.83	52.11	50			0.122	0.127	4.22	
n-Nitrosodiphenylamine	1	0	CC	7.89	49.79	50	20		0.640	0.637	0.42	
2,4,6-Tribromophenol	1	0	S	7.99	52.89	50			0.091	0.096	5.78	
1,2-Diphenylhydrazine	1	0		7.92	51.25	50			1.020	1.046	2.50	
4-Bromophenyl-phenylether	1	0		8.23	49.96	50			0.216	0.215	0.08	
Hexachlorobenzene	1	0		8.27	47.75	50			0.223	0.213	4.50	
gamma-BHC	1	0		8.52	9.83	10			0.132	0.129	1.70	
Pentachlorophenol	1	0	CC	8.47	50.78	50	20		0.112	0.114	1.56	
Phenanthrene	1	0		8.68	49.65	50			1.633	1.621	0.70	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18423.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/5/2006 10:05:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.73	50.28	50			1.588	1.597	0.56	
Carbazole	1	0		8.91	49.66	50			1.192	1.183	0.68	
Heptachlor	1	0		9.17	9.51	10			0.156	0.149	4.90	
Di-n-butylphthalate	1	0		9.32	52.14	50			1.325	1.382	4.28	
Heptachlor epoxide	1	0		0.00	0.00	10			0.122	0.119	100.00	
Fluoranthene	1	0	CC	9.95	51.01	50	20		1.625	1.658	2.02	
Chrysene-d12	1	0	I	11.61	40.00	40				0.000	0.00	
Pyrene	1	0		10.20	50.86	50			1.920	1.953	1.72	
Benzidine	1	0		10.13	61.79	50			0.154	0.191	23.58	
Terphenyl-d14	1	0	S	10.42	25.25	25			0.867	0.875	1.00	
Endrin	1	0		0.00	0.00	10			0.069	0.077	100.00	
Butylbenzylphthalate	1	0		11.03	50.81	50			0.588	0.667	1.62	
Methoxychlor	1	0		11.64	9.71	10			1.008	0.979	2.90	
3,3'-Dichlorobenzidine	1	0		11.61	59.42	50			0.396	0.471	18.84	
Benzo[a]anthracene	1	0		11.60	51.52	50			1.563	1.610	3.04	
Chrysene	1	0		11.64	48.89	50			1.644	1.608	2.22	
bis(2-Ethylhexyl)phthalate	1	0		11.76	57.35	50			0.800	0.917	14.70	
Perylene-d12	1	0	I	13.19	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.50	58.28	50	20		1.623	1.892	16.56	
Benzo[b]fluoranthene	1	0		12.80	47.85	50			2.157	2.064	4.30	
Benzo[k]fluoranthene	1	0		12.83	50.67	50			2.296	2.327	1.34	
Benzo[a]pyrene	1	0	CC	13.13	49.20	50	20		2.072	2.039	1.60	
Indeno[1,2,3-cd]pyrene	1	0		14.19	49.95	50			2.046	2.044	0.10	
Dibenzo[a,h]anthracene	1	0		14.22	49.80	50			1.726	1.720	0.40	
Benzo[g,h,i]perylene	1	0		14.45	49.46	50			1.864	1.844	1.08	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18461.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/6/2006 10:42:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.95	40.00	40				0.000	0.00	
Pyridine	1	0		1.78	52.91	50			1.626	1.721	5.82	
N-Nitrosodimethylamine	1	0		1.73	54.66	50			0.952	1.041	9.32	
2-Fluorophenol	1	0	S	3.58	49.71	50			1.447	1.439	0.58	
Aniline	1	0		4.65	50.16	50			2.127	2.134	0.32	
Pentachloroethane	1	0		4.69	50.86	50			0.529	0.538	1.72	
bis(2-Chloroethyl)ether	1	0		4.74	51.41	50			1.562	1.606	2.82	
Phenol-d5	1	0	S	4.65	52.18	50			1.908	1.991	4.36	
Phenol	1	0	CC	4.66	51.51	50	20		2.259	2.327	3.02	
2-Chlorophenol	1	0		4.76	50.37	50			1.513	1.525	0.74	
1,3-Dichlorobenzene	1	0		4.89	53.24	50			1.529	1.628	6.48	
1,4-Dichlorobenzene	1	0	CC	4.96	50.93	50	20		1.557	1.586	1.86	
1,2-Dichlorobenzene	1	0		5.09	52.13	50			1.467	1.530	4.26	
Benzyl alcohol	1	0		5.09	53.39	50			1.003	1.071	6.78	
bis(2-chloroisopropyl)ether	1	0		5.22	51.86	50			2.624	2.722	3.72	
2-Methylphenol	1	0		5.20	50.02	50			1.417	1.417	0.04	
Hexachloroethane	1	0		5.37	53.53	50			0.668	0.716	7.06	
N-Nitroso-di-n-propylamine	1	0	CP	5.32	51.56	50	0.05		1.110	1.145	3.12	
3&4-Methylphenol	1	0		5.33	51.88	50			1.503	1.559	3.76	
Naphthalene-d8	1	0	I	5.99	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.43	27.41	25			0.160	0.175	9.64	
Nitrobenzene	1	0		5.45	52.92	50			0.410	0.434	5.84	
Isophorone	1	0		5.64	53.06	50			0.727	0.772	6.12	
2-Nitrophenol	1	0	CC	5.70	52.67	50	20		0.179	0.189	5.34	
2,4-Dimethylphenol	1	0		5.76	51.61	50			0.368	0.380	3.22	
Benzoic Acid	1	0		5.82	44.42	50			0.089	0.079	11.16	
bis(2-Chloroethoxy)methane	1	0		5.83	52.79	50			0.446	0.471	5.58	
2,4-Dichlorophenol	1	0	CC	5.89	52.13	50	20		0.284	0.296	4.26	
1,2,4-Trichlorobenzene	1	0		5.95	51.38	50			0.293	0.301	2.76	
Naphthalene	1	0		6.01	52.18	50			1.412	1.474	4.36	
4-Chloroaniline	1	0		6.06	52.03	50			0.405	0.422	4.06	
Hexachlorobutadiene	1	0	CC	6.11	51.57	50	20		0.156	0.161	3.14	
4-Chloro-3-methylphenol	1	0	CC	6.43	50.85	50	20		0.322	0.328	1.70	
2-Methylnaphthalene	1	0		6.53	52.65	50			0.667	0.702	5.30	
Methylnaphthalenes	1	0		6.53	52.65							
Acenaphthene-d10	1	0	I	7.33	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.66	51.71	50			0.471	0.487	3.42	
Hexachlorocyclopentadiene	1	0	CP	6.66	55.17	50	0.05		0.220	0.243	10.34	
2,4,6-Trichlorophenol	1	0	CC	6.75	49.93	50	20		0.339	0.338	0.14	
2,4,5-Trichlorophenol	1	0		6.77	51.73	50			0.363	0.376	3.46	
2-Fluorobiphenyl	1	0	S	6.81	25.63	25			1.242	1.274	2.52	
2-Chloronaphthalene	1	0		6.90	51.44	50			1.113	1.145	2.88	
1,4-Dimethylnaphthalene	1	0		7.15	49.93	50			0.834	0.833	0.14	
Dimethylnaphthalenes	1	0		7.15	49.93							
Diphenyl Ether	1	0		6.97	50.95	50			0.730	0.744	1.90	
2-Nitroaniline	1	0		6.98	51.86	50			0.502	0.520	3.72	
Acenaphthylene	1	0		7.21	51.78	50			2.293	2.375	3.56	
Dimethylphthalate	1	0		7.13	51.12	50			1.252	1.280	2.24	
2,6-Dinitrotoluene	1	0		7.17	47.09	50			0.256	0.265	5.82	
Acenaphthene	1	0	CC	7.35	51.61	50	20		1.377	1.421	3.22	
3-Nitroaniline	1	0		7.30	51.65	50			0.309	0.319	3.30	
2,4-Dinitrophenol	1	0	CP	7.39	41.50	50	0.05		0.109	0.091	17.00	
Dibenzofuran	1	0		7.50	51.59	50			1.566	1.616	3.18	
2,4-Dinitrotoluene	1	0		7.50	50.82	50			0.349	0.384	1.64	
4-Nitrophenol	1	0	CP	7.44	52.46	50	0.05		0.273	0.286	4.92	
2,3,4,6-Tetrachlorophenol	1	0		7.60	49.65	50			0.251	0.249	0.70	
Fluorene	1	0		7.79	51.60	50			1.645	1.698	3.20	
4-Chlorophenyl-phenylether	1	0		7.80	50.22	50			0.565	0.568	0.44	
Diethylphthalate	1	0		7.71	51.54	50			1.202	1.239	3.08	
4-Nitroaniline	1	0		7.81	51.11	50			0.344	0.351	2.22	
Phenanthrene-d10	1	0	I	8.66	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.84	50.19	50			0.122	0.122	0.38	
n-Nitrosodiphenylamine	1	0	CC	7.90	50.29	50	20		0.640	0.643	0.58	
2,4,6-Tribromophenol	1	0	S	8.00	48.67	50			0.091	0.088	2.66	
1,2-Diphenylhydrazine	1	0		7.94	52.97	50			1.020	1.081	5.94	
4-Bromophenyl-phenylether	1	0		8.24	49.35	50			0.216	0.213	1.30	
Hexachlorobenzene	1	0		8.28	49.13	50			0.223	0.219	1.74	
gamma-BHC	1	0		8.54	9.86	10			0.132	0.130	1.40	
Pentachlorophenol	1	0	CC	8.48	46.60	50	20		0.112	0.105	6.80	
Phenanthrene	1	0		8.68	51.35	50			1.633	1.677	2.70	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18461.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/6/2006 10:42:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.74	51.47	50			1.588	1.635	2.94	
Carbazole	1	0		8.91	51.48	50			1.192	1.227	2.96	
Heptachlor	1	0		9.18	9.85	10			0.156	0.154	1.50	
Di-n-butylphthalate	1	0		9.32	53.30	50			1.325	1.412	6.60	
Heptachlor epoxide	1	0		9.85	11.66	10			0.122	0.142	16.60	
Fluoranthene	1	0	CC	9.95	52.28	50	20		1.625	1.699	4.56	
Chrysene-d12	1	0	I	11.61	40.00	40				0.000	0.00	
Pyrene	1	0		10.20	49.46	50			1.920	1.899	1.08	
Benzidine	1	0		10.13	44.23	50			0.154	0.136	11.54	
Terphenyl-d14	1	0	S	10.42	25.02	25			0.867	0.867	0.08	
Endrin	1	0		0.00	0.00	10			0.069	0.075	100.00	
Butylbenzylphthalate	1	0		11.03	47.16	50			0.588	0.619	5.68	
Methoxychlor	1	0		11.64	9.36	10			1.008	0.943	6.40	
3,3'-Dichlorobenzidine	1	0		11.60	55.56	50			0.396	0.440	11.12	
Benzo[a]anthracene	1	0		11.60	50.31	50			1.563	1.572	0.62	
Chrysene	1	0		11.64	49.90	50			1.644	1.641	0.20	
bis(2-Ethylhexyl)phthalate	1	0		11.75	58.17	50			0.800	0.930	16.34	
Perylene-d12	1	0	I	13.19	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.50	53.40	50	20		1.623	1.733	6.80	
Benzo[b]fluoranthene	1	0		12.80	50.83	50			2.157	2.193	1.66	
Benzo[k]fluoranthene	1	0		12.82	47.22	50			2.296	2.168	5.56	
Benzo[a]pyrene	1	0	CC	13.13	48.14	50	20		2.072	1.995	3.72	
Indeno[1,2,3-cd]pyrene	1	0		14.21	52.93	50			2.046	2.166	5.86	
Dibenzo[a,h]anthracene	1	0		14.24	51.84	50			1.726	1.790	3.68	
Benzo[g,h,i]perylene	1	0		14.46	51.18	50			1.864	1.908	2.36	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18516.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/8/2006 7:58:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.93	40.00	40				0.000	0.00	
Pyridine	1	0		1.76	53.60	50			1.626	1.743	7.20	
N-Nitrosodimethylamine	1	0		1.71	51.69	50			0.952	0.985	3.38	
2-Fluorophenol	1	0	S	3.55	50.17	50			1.447	1.452	0.34	
Aniline	1	0		4.63	50.17	50			2.127	2.135	0.34	
Pentachloroethane	1	0		4.67	54.21	50			0.529	0.573	8.42	
bis(2-Chloroethyl)ether	1	0		4.72	52.07	50			1.562	1.627	4.14	
Phenol-d5	1	0	S	4.63	52.72	50			1.908	2.012	5.44	
Phenol	1	0	CC	4.65	52.03	50	20		2.259	2.351	4.06	
2-Chlorophenol	1	0		4.73	51.52	50			1.513	1.559	3.04	
1,3-Dichlorobenzene	1	0		4.88	49.94	50			1.529	1.527	0.12	
1,4-Dichlorobenzene	1	0	CC	4.95	50.10	50	20		1.557	1.560	0.20	
1,2-Dichlorobenzene	1	0		5.08	50.65	50			1.467	1.486	1.30	
Benzyl alcohol	1	0		5.08	50.95	50			1.003	1.022	1.90	
bis(2-chloroisopropyl)ether	1	0		5.20	52.85	50			2.624	2.774	5.70	
2-Methylphenol	1	0		5.19	48.94	50			1.417	1.387	2.12	
Hexachloroethane	1	0		5.36	50.65	50			0.668	0.677	1.30	
N-Nitroso-di-n-propylamine	1	0	CP	5.30	52.78	50	0.05		1.110	1.172	5.56	
3&4-Methylphenol	1	0		5.32	49.77	50			1.503	1.496	0.46	
Naphthalene-d8	1	0	I	5.97	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.41	24.96	25			0.160	0.160	0.16	
Nitrobenzene	1	0		5.43	51.92	50			0.410	0.426	3.84	
Isophorone	1	0		5.63	50.08	50			0.727	0.729	0.16	
2-Nitrophenol	1	0	CC	5.69	53.46	50	20		0.179	0.192	6.92	
2,4-Dimethylphenol	1	0		5.74	50.32	50			0.368	0.371	0.64	
Benzoic Acid	1	0		5.80	39.60	50			0.089	0.070	20.80	
bis(2-Chloroethoxy)methane	1	0		5.82	49.62	50			0.446	0.443	0.76	
2,4-Dichlorophenol	1	0	CC	5.87	49.16	50	20		0.284	0.280	1.68	
1,2,4-Trichlorobenzene	1	0		5.93	49.57	50			0.293	0.291	0.86	
Naphthalene	1	0		5.99	49.36	50			1.412	1.394	1.28	
4-Chloroaniline	1	0		6.04	51.69	50			0.405	0.419	3.38	
Hexachlorobutadiene	1	0	CC	6.09	50.01	50	20		0.156	0.156	0.02	
4-Chloro-3-methylphenol	1	0	CC	6.41	49.21	50	20		0.322	0.317	1.58	
2-Methylnaphthalene	1	0		6.51	48.86	50			0.667	0.652	2.28	
Methylnaphthalenes	1	0		6.51	48.86							
Acenaphthene-d10	1	0	I	7.30	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.64	52.28	50			0.471	0.493	4.56	
Hexachlorocyclopentadiene	1	0	CP	6.63	55.48	50	0.05		0.220	0.244	10.96	
2,4,6-Trichlorophenol	1	0	CC	6.73	48.11	50	20		0.339	0.326	3.78	
2,4,5-Trichlorophenol	1	0		6.75	50.75	50			0.363	0.369	1.50	
2-Fluorobiphenyl	1	0	S	6.79	24.86	25			1.242	1.235	0.56	
2-Chloronaphthalene	1	0		6.87	50.34	50			1.113	1.120	0.68	
1,4-Dimethylnaphthalene	1	0		7.13	50.58	50			0.834	0.844	1.16	
Dimethylnaphthalenes	1	0		7.13	50.58							
Diphenyl Ether	1	0		6.94	50.71	50			0.730	0.741	1.42	
2-Nitroaniline	1	0		6.96	53.81	50			0.502	0.540	7.62	
Acenaphthylene	1	0		7.18	50.86	50			2.293	2.333	1.72	
Dimethylphthalate	1	0		7.10	49.81	50			1.252	1.247	0.38	
2,6-Dinitrotoluene	1	0		7.14	47.90	50			0.256	0.269	4.20	
Acenaphthene	1	0	CC	7.33	50.19	50	20		1.377	1.382	0.38	
3-Nitroaniline	1	0		7.27	52.03	50			0.309	0.322	4.06	
2,4-Dinitrophenol	1	0	CP	7.36	40.98	50	0.05		0.109	0.089	18.04	
Dibenzofuran	1	0		7.47	50.29	50			1.566	1.575	0.58	
2,4-Dinitrotoluene	1	0		7.47	48.66	50			0.349	0.368	2.68	
4-Nitrophenol	1	0	CP	7.41	54.57	50	0.05		0.273	0.298	9.14	
2,3,4,6-Tetrachlorophenol	1	0		7.57	49.13	50			0.251	0.246	1.74	
Fluorene	1	0		7.75	49.79	50			1.645	1.638	0.42	
4-Chlorophenyl-phenylether	1	0		7.77	48.37	50			0.565	0.547	3.26	
Diethylphthalate	1	0		7.68	51.34	50			1.202	1.234	2.68	
4-Nitroaniline	1	0		7.78	52.78	50			0.344	0.363	5.56	
Phenanthrene-d10	1	0	I	8.63	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.81	50.82	50			0.122	0.124	1.64	
n-Nitrosodiphenylamine	1	0	CC	7.87	50.80	50	20		0.640	0.650	1.60	
2,4,6-Tribromophenol	1	0	S	7.97	53.39	50			0.091	0.097	6.78	
1,2-Diphenylhydrazine	1	0		7.90	53.26	50			1.020	1.087	6.52	
4-Bromophenyl-phenylether	1	0		8.21	49.63	50			0.216	0.214	0.74	
Hexachlorobenzene	1	0		8.25	48.65	50			0.223	0.217	2.70	
gamma-BHC	1	0		8.50	9.97	10			0.132	0.131	0.30	
Pentachlorophenol	1	0	CC	8.45	49.50	50	20		0.112	0.111	1.00	
Phenanthrene	1	0		8.65	50.47	50			1.633	1.648	0.94	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18516.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/8/2006 7:58:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.71	50.16	50			1.588	1.594	0.32	
Carbazole	1	0		8.88	50.50	50			1.192	1.204	1.00	
Heptachlor	1	0		0.00	0.00	10			0.156	0.162	100.00	
Di-n-butylphthalate	1	0		9.29	54.61	50			1.325	1.447	9.22	
Heptachlor epoxide	1	0		9.82	10.82	10			0.122	0.132	8.20	
Fluoranthene	1	0	CC	9.92	50.69	50	20		1.625	1.647	1.38	
Chrysene-d12	1	0	I	11.57	40.00	40				0.000	0.00	
Pyrene	1	0		10.16	49.04	50			1.920	1.883	1.92	
Benzidine	1	0		10.10	33.05	50			0.154	0.102	33.90	
Terphenyl-d14	1	0	S	10.39	23.87	25			0.867	0.827	4.52	
Endrin	1	0		0.00	0.00	10			0.069	0.077	100.00	
Butylbenzylphthalate	1	0		11.00	47.55	50			0.588	0.624	4.90	
Methoxychlor	1	0		11.61	9.69	10			1.008	0.977	3.10	
3,3'-Dichlorobenzidine	1	0		11.57	54.52	50			0.396	0.432	9.04	
Benzo[a]anthracene	1	0		11.57	50.24	50			1.563	1.570	0.48	
Chrysene	1	0		11.61	48.61	50			1.644	1.599	2.78	
bis(2-Ethylhexyl)phthalate	1	0		11.72	56.47	50			0.800	0.903	12.94	
Perylene-d12	1	0	I	13.15	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.47	55.94	50	20		1.623	1.816	11.88	
Benzo[b]fluoranthene	1	0		12.77	47.34	50			2.157	2.042	5.32	
Benzo[k]fluoranthene	1	0		12.80	50.61	50			2.296	2.324	1.22	
Benzo[a]pyrene	1	0	CC	13.10	46.88	50	20		2.072	1.943	6.24	
Indeno[1,2,3-cd]pyrene	1	0		14.17	50.16	50			2.046	2.052	0.32	
Dibenzo[a,h]anthracene	1	0		14.20	51.06	50			1.726	1.763	2.12	
Benzo[g,h,i]perylene	1	0		14.42	50.08	50			1.864	1.867	0.16	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18312.D

Analysis Date/Time: 05/30/06 13:00

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23558	4.99	93339	6.02	50968	7.35	70685	8.70	65801	11.65	47343	13.24
Eval File Area Limit:	11779-47116		46670-186678		25484-101936		35342-141370		32900-131602		23672-94686	
Eval File Rt Limit:	4.49-5.49		5.52-6.52		6.85-7.85		8.2-9.2		11.15-12.15		12.74-13.74	

Data File	Sample#											
7M18307	CAL BNA@10	29834	4.99	122704	6.02	68772	7.36	99133	8.70	89078	11.65	64694	13.24
7M18308	CAL BNA@25	27291	4.99	111922	6.02	63007	7.37	90081	8.71	84022	11.66	61762	13.24
7M18309	CAL BNA@80	22930	4.99	92163	6.02	53550	7.35	76338	8.69	69637	11.65	49893	13.23
7M18310	CAL BNA@16	20651	4.99	84228	6.02	47962	7.35	68575	8.69	63374	11.66	47222	13.24
7M18311	CAL BNA@20	28535	4.99	118630	6.03	66675	7.36	97179	8.70	90082	11.66	66173	13.24
7M18312	CAL BNA@50	23558	4.99	93339	6.02	50968	7.35	70685	8.70	65801	11.65	47343	13.24
7M18313	CAL BNA@12	19285	4.99	74666	6.02	42467	7.36	61209	8.70	57564	11.66	41643	13.25
7M18314	WMB2908	20251	4.99	78414	6.03	41293	7.38	59456	8.71	49806	11.66	32825	13.25
7M18315	AC23138-002	19825	4.99	78185	6.02	43902	7.37	62021	8.71	56720	11.66	43945	13.24
7M18316	AC23138-002(	19250	4.99	79120	6.02	41857	7.36	60496	8.70	53821	11.65	40920	13.24
7M18317	SMB2898	17836	4.99	70455	6.02	37586	7.35	53404	8.69	45511	11.65	29594	13.24
7M18318	SMB2899	19361	4.99	74074	6.02	40804	7.35	58582	8.69	46738	11.65	31688	13.23
7M18319	SMB2900	21142	4.99	82009	6.02	43772	7.35	64943	8.69	53909	11.65	33275	13.23
7M18320	SMB2901	19880	4.99	80286	6.02	43296	7.35	64612	8.69	50716	11.65	34720	13.23
7M18321	WMB2906	19737	4.99	80798	6.02	43558	7.34	63176	8.69	51224	11.65	35302	13.23
7M18322	WMB2907	20810	4.99	86395	6.02	47199	7.34	68460	8.69	55193	11.65	36315	13.23
7M18323	AC23638-009	21732	4.99	87026	6.02	49168	7.34	71171	8.69	60623	11.65	40743	13.23
7M18324	AC23638-012	20728	4.99	85117	6.02	45283	7.34	65681	8.69	57730	11.65	39263	13.23
7M18325	AC23638-013	20581	4.99	78389	6.02	44159	7.34	63966	8.69	54530	11.65	36698	13.23
7M18326	AC23639-015	18699	4.99	75623	6.02	40809	7.34	59116	8.69	49578	11.65	33452	13.23
7M18327	AC23653-008	21947	4.99	88698	6.02	48525	7.34	70023	8.69	55711	11.65	38147	13.23
7M18328	AC23668-002	22511	4.99	89267	6.02	48530	7.34	72003	8.69	58953	11.65	36845	13.23
7M18329	AC23637-009	18999	4.99	75754	6.02	42654	7.34	60066	8.69	51760	11.65	33751	13.23
7M18330	AC23637-011	18486	4.99	76804	6.02	41209	7.34	60088	8.69	53147	11.65	35647	13.23
7M18331	AC23637-012	22191	4.99	88928	6.02	49350	7.34	70713	8.69	58548	11.65	40840	13.23
7M18332	AC23637-010(	19827	4.99	80124	6.02	44212	7.34	64638	8.69	60295	11.65	45693	13.23

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18423.D

Analysis Date/Time: 06/05/06 10:05

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	34309	4.96	137743	6.00	79087	7.32	112304	8.65	102452	11.61	78109	13.19
Eval File Area Limit:	17154-68618		68872-275486		39544-158174		56152-224608		51226-204904		39054-156218	
Eval File Rt Limit:	4.46-5.46		5.5-6.5		6.82-7.82		8.15-9.15		11.11-12.11		12.69-13.69	

Data File	Sample#											
7M18424	WMB2914	24587	4.96	98429	6.00	54410	7.31	79865	8.65	69636	11.61	53582	13.19
7M18425	WMB2915	24275	4.96	99589	6.00	55633	7.31	80445	8.65	70170	11.61	52885	13.19
7M18426	SMB2906	22307	4.96	88824	6.00	49290	7.31	69719	8.65	58843	11.61	43475	13.19
7M18427	SMB2906(MS	24097	4.96	92952	6.00	51060	7.32	75857	8.65	61619	11.61	46731	13.19
7M18428	SMB2904(MS	23634	4.96	94261	6.00	51378	7.32	76582	8.65	63914	11.61	43168	13.19
7M18429	AC23683-003	25359	4.96	102641	6.00	58282	7.31	83509	8.65	77284	11.61	54973	13.19
7M18430	AC23695-003	22837	4.96	90221	6.00	50625	7.32	73656	8.65	64819	11.61	48812	13.19
7M18431	AC23695-003(	24176	4.96	95377	6.00	53561	7.31	78141	8.65	66824	11.61	49988	13.19
7M18432	AC23695-003(	26861	4.96	102293	6.00	58844	7.31	84845	8.65	72249	11.61	52983	13.19
7M18433	SMB2907(MS	27456	4.96	112017	6.00	60513	7.31	90122	8.65	80140	11.61	58037	13.19
7M18434	SMB2907	25193	4.96	100858	6.00	54880	7.31	78000	8.65	68342	11.61	50650	13.19
7M18435	AC23801-013(	24940	4.96	94194	6.00	53202	7.31	78440	8.65	70991	11.61	54288	13.19
7M18436	AC23801-012	27000	4.96	106633	6.00	60523	7.31	88520	8.65	74210	11.61	56643	13.19
7M18437	AC23801-014	22967	4.96	86752	6.00	57050	7.31	77105	8.65	70279	11.61	53852	13.19
7M18438	AC23801-015	28811	4.96	113401	6.00	65125	7.31	94808	8.65	82549	11.61	61041	13.19
7M18439	AC23691-001	25786	4.96	103372	6.00	57265	7.31	86017	8.65	76592	11.61	56416	13.19
7M18440	AC23691-002	24160	4.96	94092	6.00	52716	7.31	78693	8.65	65475	11.61	49827	13.19
7M18441	AC23691-003	23381	4.96	96513	6.00	56132	7.31	79717	8.65	67691	11.61	50182	13.19
7M18442	AC23741-004	25217	4.96	98691	6.00	55360	7.31	84134	8.65	74279	11.61	57156	13.19
7M18443	AC23741-006	25447	4.96	100513	6.00	56373	7.31	83797	8.65	73868	11.61	58217	13.19
7M18444	AC23741-002	22900	4.96	92662	6.00	53288	7.31	75109	8.65	64617	11.61	49440	13.19
7M18445	AC23741-008	22952	4.96	94712	6.00	54065	7.31	78545	8.65	65015	11.61	50289	13.19
7M18446	AC23801-013(	27055	4.96	107634	6.00	61805	7.31	91399	8.65	80184	11.61	61014	13.19
7M18447	AC23683-004(	24727	4.96	99944	6.00	55268	7.31	76259	8.66	71172	11.61	56622	13.19
7M18448	AC23695-002(	25871	4.96	102928	6.00	58524	7.31	86267	8.65	75434	11.61	56324	13.19
7M18449	AC23653-002	23900	4.96	94635	6.00	55309	7.31	79559	8.65	67008	11.61	52189	13.19
7M18450	AC23801-014(	26088	4.96	104532	6.00	61074	7.31	90261	8.65	79100	11.61	58738	13.19
7M18451	AC23695-014	24701	4.96	97461	6.00	54333	7.31	78978	8.65	66171	11.61	49597	13.19
7M18452	AC23695-015	22290	4.96	91574	6.00	49804	7.31	72345	8.65	63280	11.61	47625	13.19
7M18453	AC23695-013	22637	4.96	91311	6.00	49914	7.31	74298	8.65	62031	11.61	46258	13.19
7M18454	AC23791-017	23955	4.96	92302	6.00	51057	7.32	76019	8.65	66818	11.61	48310	13.20

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18461.D

Analysis Date/Time: 06/06/06 10:42

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23356	4.95	92017	5.99	52227	7.33	75572	8.66	72135	11.61	55051	13.19
Eval File Area Limit:	11678-46712		46008-184034		26114-104454		37786-151144		36068-144270		27526-110102	
Eval File Rt Limit:	4.45-5.45		5.49-6.49		6.83-7.83		8.16-9.16		11.11-12.11		12.69-13.69	

Data File	Sample#											
7M18462	SMB2908	19053	4.95	79715	5.99	46452	7.32	68948	8.65	64507	11.60	47255	13.19
7M18463	SMB2908(MS	20948	4.95	85680	5.99	48465	7.32	72502	8.65	62658	11.60	44970	13.19
7M18464	AC23801-014(	21364	4.95	88302	5.99	52553	7.31	77184	8.65	69732	11.60	52916	13.18
7M18465	AC23801-004	22500	4.95	88915	5.99	48600	7.31	73359	8.65	65354	11.60	48486	13.18
7M18466	AC23801-005	22273	4.95	89009	5.99	51264	7.32	75675	8.65	70589	11.60	53108	13.18
7M18467	AC23801-006	22199	4.95	88425	5.99	50401	7.31	75561	8.65	69793	11.60	54824	13.18
7M18468	AC23801-007(	22548	4.95	93642	5.99	53156	7.31	80159	8.65	77472	11.60	59251	13.18
7M18469	AC23791-001(	21995	4.95	90109	5.99	51335	7.31	75120	8.65	70207	11.60	54689	13.18
7M18470	AC23791-001(	22001	4.95	91985	5.99	51141	7.31	77919	8.65	69801	11.60	53020	13.18
7M18471	AC23791-001	21989	4.95	85758	5.99	47986	7.32	70447	8.65	66837	11.60	51780	13.18
7M18472	WMB2917(MS	22288	4.95	88076	5.99	51247	7.33	74286	8.66	71669	11.60	52461	13.18
7M18473	WMB2917	20202	4.95	85361	5.99	47574	7.34	70738	8.67	62759	11.60	46708	13.18
7M18474	AC23664-004	23427	4.95	91238	5.99	50787	7.33	78101	8.65	72167	11.60	53759	13.18
7M18475	AC23695-016	22739	4.95	92388	5.99	54128	7.32	80281	8.65	78297	11.60	61652	13.18
7M18476	AC23695-017	23061	4.95	91022	5.99	52981	7.31	81095	8.65	71769	11.60	54253	13.18
7M18477	AC23767-001	27028	4.95	101652	5.99	61607	7.33	90211	8.66	86775	11.60	66066	13.18
7M18478	AC23833-001	21481	4.95	88098	5.99	48106	7.31	71526	8.65	66842	11.60	49184	13.19
7M18479	AC23787-002	24144	4.95	95327	5.99	54734	7.31	79019	8.65	72512	11.60	54418	13.18
7M18480	AC23791-006	22941	4.95	88796	5.99	49849	7.31	73481	8.65	68889	11.60	50408	13.18
7M18481	AC23664-001	24199	4.95	92725	5.99	52366	7.31	77825	8.65	72246	11.60	52708	13.18
7M18482	AC23791-002(	20845	4.95	80862	5.99	45834	7.31	70072	8.65	66588	11.60	54176	13.18
7M18483	AC23791-004(	22575	4.95	87317	5.99	51207	7.31	74448	8.65	68876	11.60	51657	13.18
7M18484	AC23791-005(	25485	4.95	105714	5.99	60833	7.31	92915	8.65	80756	11.60	62139	13.18
7M18485	AC23791-009(	25395	4.95	102674	5.99	59804	7.31	90848	8.65	79256	11.60	57766	13.18
7M18486	AC23791-007	20556	4.95	83474	5.99	46782	7.31	71582	8.65	65297	11.60	49325	13.18
7M18487	AC23791-003	25336	4.95	101236	5.99	58387	7.31	86580	8.65	75406	11.60	55332	13.18
7M18488	AC23791-008	22181	4.95	88956	5.99	50852	7.31	78072	8.65	70852	11.60	49718	13.18

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18516.D

Analysis Date/Time: 06/08/06 07:58

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	22412	4.93	90961	5.97	49572	7.30	71088	8.63	68290	11.57	50763	13.15
Eval File Area Limit:	11206-44824		45480-181922		24786-99144		35544-142176		34145-136580		25382-101526	
Eval File Rt Limit:	4.43-5.43		5.47-6.47		6.8-7.8		8.13-9.13		11.07-12:07		12.65-13.65	

Data File	Sample#											
7M18517	WMB2918	15662	4.93	61043	5.97	35603	7.31	51931	8.64	47226	11.58	36515	13.15
7M18518	WMB2918(MS	14273	4.93	56740	5.97	31507	7.29	45737	8.62	42042	11.57	31369	13.15
7M18519	AC23842-002(	15294	4.93	64138	5.97	35489	7.30	51800	8.62	45169	11.57	33667	13.15
7M18520	AC23846-010(	15977	4.93	65700	5.97	36940	7.30	54550	8.63	47353	11.57	35241	13.15
7M18521	AC23850-006	16771	4.93	67415	5.97	38276	7.30	53779	8.62	45921	11.57	34793	13.15
7M18522	SMB2911	14040	4.93	58181	5.97	31386	7.30	46679	8.63	38307	11.57	27050	13.15
7M18523	SMB2911(MS	14623	4.93	56034	5.97	30106	7.30	44256	8.62	36042	11.57	24996	13.16
7M18524	AC23863-002	14503	4.93	61727	5.97	33991	7.30	50453	8.63	44751	11.57	34304	13.17
7M18525	AC23863-002(	16726	4.93	65685	5.97	35813	7.30	53996	8.63	47954	11.57	36910	13.15
7M18526	AC23863-002(	15922	4.93	61352	5.97	34361	7.33	52620	8.65	47483	11.58	36560	13.17
7M18527	SMB2911(MS	15591	4.93	59736	5.97	32440	7.31	49497	8.64	43720	11.57	31967	13.16
7M18528	SMB2909(MS	18712	4.93	73293	5.97	39388	7.30	58544	8.63	49724	11.57	37782	13.17
7M18529	SMB2912	16689	4.93	66924	5.97	35309	7.31	50419	8.64	44751	11.57	33959	13.18
7M18530	SMB2912(MS	16768	4.93	65025	5.97	35777	7.30	52040	8.63	46263	11.57	32952	13.17
7M18531	AC23801-010(	18421	4.93	73853	5.97	42848	7.31	63396	8.64	58400	11.57	46352	13.16
7M18532	AC23801-011(	17887	4.93	72127	5.97	38641	7.31	59975	8.64	56201	11.57	42830	13.15
7M18533	SMB2910(MS	19264	4.93	75667	5.97	40929	7.30	60236	8.63	52090	11.57	38808	13.15
7M18534	SMB2910	16549	4.93	61580	5.97	32012	7.30	46746	8.62	41210	11.57	29619	13.15
7M18535	WMB2909	18911	4.93	78070	5.97	43634	7.30	64099	8.63	55403	11.57	39758	13.15
7M18536	AC23847-001	17327	4.93	66710	5.97	36704	7.30	53108	8.62	44988	11.57	33591	13.15
7M18537	AC23847-001(	20002	4.93	80679	5.97	44863	7.29	66833	8.62	56846	11.57	41167	13.15
7M18538	AC23847-001(	15457	4.93	63778	5.97	35312	7.30	52880	8.62	44137	11.57	32393	13.15
7M18539	AC23846-006	17539	4.93	64533	5.97	32829	7.29	48797	8.62	31439	11.57	5534	13.15
7M18540	AC23861-004	15912	4.93	63732	5.97	35146	7.29	51883	8.62	44288	11.57	31551	13.15
7M18541	AC23861-004(	14155	4.93	56385	5.97	31339	7.29	47129	8.62	37609	11.57	26678	13.15
7M18542	AC23861-004(	16199	4.93	64590	5.97	36572	7.29	54440	8.62	45075	11.57	31149	13.15
7M18543	AC23862-001(	17681	4.93	69162	5.97	40209	7.29	60015	8.62	58169	11.57	41825	13.15
7M18544	AC23843-003(	17772	4.93	74852	5.97	43057	7.29	64160	8.62	60636	11.57	45000	13.15
7M18545	AC23843-006(	18204	4.93	71995	5.97	40849	7.29	62138	8.62	56754	11.57	44774	13.15
7M18546	AC23846-018(	15299	4.93	61273	5.97	32943	7.29	51329	8.62	48055	11.57	38433	13.15
7M18547	AC23809-010	16774	4.93	68951	5.97	39702	7.29	57155	8.62	54985	11.57	42187	13.15

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:> GCMS_7 Effective Date:> 4/2/2006 All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,2,4-Trichlorobenzene		0.66442				
1,2-Dichlorobenzene		0.63692				
1,2-Diphenylhydrazine		0.19907				
1,3-Dichlorobenzene		0.68822				
1,4-Dichlorobenzene		0.57474				
2,4,5-Trichlorophenol		2.25167				
2,4,6-Trichlorophenol		1.14497				
2,4-Dichlorophenol		0.77220				
2,4-Dimethylphenol		1.85705				
2,4-Dinitrophenol		8.33573				
2,4-Dinitrotoluene		0.31673				
2,6-Dinitrotoluene		0.27819				
2-Chloronaphthalene		0.43633				
2-Chlorophenol		1.13693				
2-Methylnaphthalene		3.60898				
2-Methylphenol		4.10689				
2-Nitroaniline		1.64483				
2-Nitrophenol		0.81107				
3&4-Methylphenol		4.15720				
3,3'-Dichlorobenzidine		1.65369				
3-Nitroaniline		2.56705				
4,6-Dinitro-2-methylphenol		1.76739				
4-Bromophenyl-phenylether		0.38713				
4-Chloro-3-methylphenol		1.07766				
4-Chloroaniline		2.96543				
4-Chlorophenyl-phenylether		0.36645				
4-Nitroaniline		2.16583				
4-Nitrophenol		0.81925				
Acenaphthene		0.18487				
Acenaphthylene		0.28181				
Anthracene		0.17099				
Benzidine		5.85520				
Benzo[a]anthracene		0.20983				
Benzo[a]pyrene		0.42835				
Benzo[b]fluoranthene		0.42442				
Benzo[g,h,i]perylene		0.20704				
Benzo[k]fluoranthene		0.25164				
Bis(2-Chloroethoxy)methane		0.30123				
Bis(2-Chloroethyl)Ether		0.29604				
Bis(2-Chloroisopropyl)ether		0.25238				
Bis(2-Ethylhexyl)phthalate		0.23233				
Butylbenzylphthalate		0.16304				
Carbazole		0.23308				
Chrysene		0.33213				
Di-n-butylphthalate		0.39991				
DI-n-octylphthalate		0.13964				
Dibenzo[a,h]Anthracene		0.35521				
Dibenzofuran		2.44257				
Diethylphthalate		0.30443				
Dimethylphthalate		0.29048				
Fluoranthene		0.25704				
Fluorene		0.26743				
Hexachlorobenzene		0.39069				
Hexachlorobutadiene		0.89979				
Hexachlorocyclopentadiene		5.20855				
Hexachloroethane		0.85980				
Indeno[1,2,3-cd]pyrene		0.24421				
Isophorone		0.19695				
N-Nitroso-Di-N-Propylamine		0.31790				
N-Nitrosodimethylamine		8.48752				
N-Nitrosodiphenylamine		0.41332				
Naphthalene		0.34812				
Nitrobenzene		0.39971				
Pentachlorophenol		1.40033				
Phenanthrene		0.23368				
Phenol		1.40360				
Pyrene		0.26024				

Analysis Type: SOLIDS

Batch Number: SOLIDS-3914 **Units: Percent**

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23798-001	NA	NA	20	89.65517	NA	0.41	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23798-001	DUP		90		100	89.655	1	12.6	11.4			06/05/06	na
AC23798-001	Sample		89		100	89.286	1	12.2	11.0			06/05/06	na
AC23798-002	Sample		89		100	89.189	1	12.1	10.9			06/05/06	na
AC23798-003	Sample		89		100	89.381	1	12.3	11.1			06/05/06	na
AC23798-004	Sample		89		100	88.696	1	12.5	11.2			06/05/06	na
AC23798-005	Sample		88		100	88.393	1	12.2	10.9			06/05/06	na
AC23798-006	Sample		85		100	85.47	1	12.7	11.0			06/05/06	na
AC23798-007	Sample		89		100	89.381	1	12.3	11.1			06/05/06	na
AC23801-001	Sample		78		100	78.261	1	12.5	10.0			06/05/06	na
AC23801-002	Sample		95		100	95.455	1	12.0	11.5			06/05/06	na
AC23801-004	Sample		64		100	64.348	1	12.5	8.4			06/05/06	na
AC23801-005	Sample		80		100	80	1	12.5	10.2			06/05/06	na
AC23801-006	Sample		83		100	83.036	1	12.2	10.3			06/05/06	na
AC23801-007	Sample		91		100	91.379	1	12.6	11.6			06/05/06	na
AC23801-012	Sample		87		100	86.842	1	12.4	10.9			06/05/06	na
AC23801-013	Sample		84		100	83.621	1	12.6	10.7			06/05/06	na
AC23801-014	Sample		79		100	78.992	1	12.9	10.4			06/05/06	na
AC23801-015	Sample		81		100	81.25	1	12.2	10.1			06/05/06	na
AC23805-001	Sample		82		100	81.739	1	12.5	10.4			06/05/06	na
AC23807-001	Sample		91		100	90.909	1	12.0	11.0			06/05/06	na
AC23807-002	Sample		91		100	91.304	1	12.5	11.5			06/05/06	na

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Analysis Type: SOLIDS

Batch Number: SOLIDS-3928 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23858-030	NA	NA	20	93.85965	NA	0.98	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23858-030	DUP		94		100	93.86	1	12.4	11.7			06/07/06	na
AC23858-030	Sample		95		100	94.783	1	12.5	11.9			06/07/06	na
AC23858-031	Sample		92		100	92.174	1	12.5	11.6			06/07/06	na
AC23858-032	Sample		90		100	90	1	12.0	10.9			06/07/06	na
AC23858-033	Sample		92		100	92.241	1	12.6	11.7			06/07/06	na
AC23858-034	Sample		90		100	90	1	12.0	10.9			06/07/06	na
AC23851-001	Sample		85		100	84.615	1	12.7	10.9			06/07/06	na
AC23851-002	Sample		81		100	80.702	1	12.4	10.2			06/07/06	na
AC23851-003	Sample		86		100	85.841	1	12.3	10.7			06/07/06	na
AC23851-004	Sample		86		100	86.325	1	12.7	11.1			06/07/06	na
AC23851-005	Sample		82		100	82.203	1	12.8	10.7			06/07/06	na
AC23851-006	Sample		86		100	86.087	1	12.5	10.9			06/07/06	na
AC23851-007	Sample		81		100	81.356	1	12.8	10.6			06/07/06	na
AC23851-008	Sample		78		100	77.778	1	12.7	10.1			06/07/06	na
AC23851-009	Sample		89		100	89.189	1	12.1	10.9			06/07/06	na
AC23851-010	Sample		77		100	76.923	1	12.7	10.0			06/07/06	na
AC23701-004	Sample		89		100	88.793	1	12.6	11.3			06/07/06	na
AC23873-001	Sample		88		100	87.719	1	12.4	11.0			06/07/06	na
AC23801-010	Sample		88		100	87.5	1	12.2	10.8			06/08/06	na
AC23801-011	Sample		92		100	92.035	1	12.3	11.4			06/08/06	na

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

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Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

NELAP Accredited

Environ International Corp.

Format: NJDEP-R

Project: Promenade Edgewater

PO Number:

Samples submitted on: 6/2/2006

AC23817-001
AC23817-002
AC23817-003

Date: 6/21/2006

HCI Project: 6060230

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director Or Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

Veritech Sample Key

21-Jun-06

Lab#	SampleID
AC23817-001	SS-14A 13501400(hold)
AC23817-002	SS-14A 15001600
AC23817-003	SS-14A 17501800(hold)

0003

Veritech/Division of Hampton-Clarke
175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

CHAIN OF CUSTODY RECORD

Project#(Lab Use Only): 6060230

Page 1 of 1

Customer Information

1a) Customer: Environ International Corporation
Address: 214 Carnegie Center
Princeton, NJ
1b) Email/Cell/Fax/Ph: J Sanarer @ environcorp.com
1c) Send Invoice To: J Sanarer @ environcorp.com
1d) Send Report To: Jose Sanarer

Project Information

2a) Project: Promenade @ Edgewater
2b) Project Manager: Jose Sanarer
2c) Location (City/State): Edgewater
2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENVIRON

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

Check if Contingent===> X <===Check if Contingent

FOR LAB USE ONLY
Batch# AC23817

Matrix Codes: DW-Drinking Water, GW-Ground Water, WW-Waste Water, S-Soil, SL-Sludge, O-Oil, A-Air, Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite(C)	Grab(G)	VOT10	BNA25									None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other	9) Methanol Bottle Numbers (If applicable) Comments
-001	SS-14A 13J01400	S	6/2/06	1244		X	X	X									X		X						
-002	SS-14A 15J01600	S	6/2/06	1258		X	X	X									X		X						
-003	SS-14A 17J01800	S	6/2/06	1308		X	X	X									X		X						

10) Relinquished By:	Accepted By	Date	Time
Patrick Rodman	William Cardy	6/2/06	1430
William Cardy	C Arena	6-2	1610

Comments, Notes, Special Requirements, HAZARDS

ACTIVATE BNA 25 & VOT10 per JOSE SANANES 6/1/06 SD

11) Sampler: Date:

Cooler Tmp 3.7

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Methanol Bottle Report

Lab#:	Bottle Number	Client Sample ID	Date Shipped	Empty Bottle Wght	Returned Bottle Wght	Wght Difference
AC23817-001	28745	SS-14A 13501400(	06/02/06	32.44	39.24	6.80
AC23817-002	28741	SS-14A 15001600	06/02/06	31.94	38.28	6.34
AC23817-003	28749	SS-14A 17501800(	06/02/06	32.23	38.99	6.76

CONDITION UPON RECEIPT

Batch Number AC23817

Entered By: frantz

Date Entered 6/2/2006 4:42:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container 3.7
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	NA	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC23817-001	06/05/06 14:53	NA	1	A	%solids
AC23817-001	06/05/06 18:18	R12	1	A	NONE
AC23817-001	06/05/06 09:21	WP	2	M	VOA
AC23817-001	06/05/06 10:01	R3	2	M	NONE
AC23817-002	06/05/06 13:50	OA	1	A	TDSI
AC23817-002	06/05/06 14:15	OA	1	A	TDSI
AC23817-002	06/05/06 14:47	R12	1	A	NONE
AC23817-002	06/05/06 14:53	NA	1	A	%solids
AC23817-002	06/05/06 18:18	R12	1	A	NONE
AC23817-002	06/16/06 12:41	PM	1	A	BN
AC23817-002	06/16/06 15:26	R12	1	A	NONE
AC23817-002	06/05/06 09:21	WP	2	M	VOA
AC23817-002	06/05/06 10:01	R3	2	M	NONE
AC23817-003	06/05/06 09:21	WP	1	M	VOA
AC23817-003	06/05/06 10:01	R3	1	M	NONE
AC23817-003	06/05/06 13:50	OA	2	A	TDSI
AC23817-003	06/05/06 14:15	OA	2	A	TDSI
AC23817-003	06/05/06 14:47	R12	2	A	NONE
AC23817-003	06/05/06 14:53	NA	2	A	%solids
AC23817-003	06/05/06 18:18	R12	2	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Laboratory Chronicle

veritech

Lab Number	Sample Description
AC23817-002	SS-14A 15001600

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/5/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2-Chloronaphthalene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2-Chlorophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2-Methylnaphthalene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2-Methylphenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2-Nitroaniline	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
2-Nitrophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
3&4-Methylphenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
3-Nitroaniline	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4-Chloroaniline	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4-Nitroaniline	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
4-Nitrophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Acenaphthene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Acenaphthylene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Anthracene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Benzidine	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Benzo[a]anthracene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Benzo[a]pyrene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Butylbenzylphthalate	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Carbazole	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Chrysene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Dibenzofuran	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Diethylphthalate	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Dimethylphthalate	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Di-n-butylphthalate	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Di-n-octylphthalate	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Fluoranthene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Fluorene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Hexachlorobenzene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Hexachlorobutadiene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Hexachloroethane	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270

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Isophorone	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Naphthalene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Nitrobenzene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Pentachlorophenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Phenanthrene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Phenol	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270
Pyrene	6/16/2006	pm	EPA3510/3550	6/19/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/5/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/5/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/5/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/5/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/5/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/5/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/5/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/5/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/5/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/5/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/5/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/5/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/5/2006	DB	EPA 8260
M&p-Xylenes			EPA5030/5035	6/5/2006	DB	EPA 8260
Methylene chloride			EPA5030/5035	6/5/2006	DB	EPA 8260
O-Xylene			EPA5030/5035	6/5/2006	DB	EPA 8260
Styrene			EPA5030/5035	6/5/2006	DB	EPA 8260
Tetrachloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Toluene			EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,2-Dichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Trans-1,3-Dichloropropene			EPA5030/5035	6/5/2006	DB	EPA 8260
Trichloroethene			EPA5030/5035	6/5/2006	DB	EPA 8260
Vinyl chloride			EPA5030/5035	6/5/2006	DB	EPA 8260

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Volatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination) Data File Compound Concentration	Yes
5) Surrogate Recoveries meet criteria? If "No" ..see attached surrogate recovery form.	Yes
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria? If "No" ..see attached spike recovery form.	Yes
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Organics Director: _____ 6/26/2006

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	NO
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	NO
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Data File	Compound	Concentration
5M19784.	bis(2-Ethylhexyl)phtha	1.09
5M19784.	Di-n-butylphthalate	1.35

Additional Comments

Phthalates were recovered in method blank SMB2925 and in sample AC23817-002 due to possible laboratory contamination. One compound exceeded the recovery criteria in the MBS for batch SMB2925, but all QC criteria was met in the MS and MSD.

Organics Director: _____ 6/20/06

METHOD REFERENCES

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals–semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sonores
Project: Promenade Edgewater

Date Submitted: 6/2/2006
Date Reported: 6/26/2006

Lab#	Sample ID	Date Collected	TestGroup/Analyte	DF	Units	RL	Result
AC23817-002	SS-14A 15001600	6/2/2006					
% Solids SM2540G							
% Solids				1	percent		77

Lab#	Sample ID	Date Collected	TestGroup/Analyte	DF	Units	RL	Result
AC23817-002	SS-14A 15001600	6/2/2006					
Semivolatile Organics + 25 (8270)							
			1,2,4-Trichlorobenzene	1	mg/kg	0.43	ND
			1,2-Dichlorobenzene	1	mg/kg	0.43	ND
			1,2-Diphenylhydrazine	1	mg/kg	0.43	ND
			1,3-Dichlorobenzene	1	mg/kg	0.43	ND
			1,4-Dichlorobenzene	1	mg/kg	0.43	ND
			2,4,5-Trichlorophenol	1	mg/kg	0.43	ND
			2,4,6-Trichlorophenol	1	mg/kg	0.43	ND
			2,4-Dichlorophenol	1	mg/kg	0.43	ND
			2,4-Dimethylphenol	1	mg/kg	0.43	ND
			2,4-Dinitrophenol	1	mg/kg	1.1	ND
			2,4-Dinitrotoluene	1	mg/kg	0.43	ND
			2,6-Dinitrotoluene	1	mg/kg	0.43	ND
			2-Chloronaphthalene	1	mg/kg	0.43	ND
			2-Chlorophenol	1	mg/kg	0.43	ND
			2-Methylnaphthalene	1	mg/kg	0.43	0.33J
			2-Methylphenol	1	mg/kg	0.43	ND
			2-Nitroaniline	1	mg/kg	0.43	ND
			2-Nitrophenol	1	mg/kg	0.43	ND
			3&4-Methylphenol	1	mg/kg	0.43	ND
			3,3'-Dichlorobenzidine	1	mg/kg	0.43	ND
			3-Nitroaniline	1	mg/kg	0.43	ND
			4,6-Dinitro-2-methylphenol	1	mg/kg	1.1	ND
			4-Bromophenyl-phenylether	1	mg/kg	0.43	ND
			4-Chloro-3-methylphenol	1	mg/kg	0.43	ND
			4-Chloroaniline	1	mg/kg	0.43	ND
			4-Chlorophenyl-phenylether	1	mg/kg	0.43	ND
			4-Nitroaniline	1	mg/kg	0.43	ND
			4-Nitrophenol	1	mg/kg	0.43	ND
			Acenaphthene	1	mg/kg	0.43	0.47
			Acenaphthylene	1	mg/kg	0.43	0.091J
			Anthracene	1	mg/kg	0.43	0.41J
			Benzidine	1	mg/kg	0.43	ND
			Benzo[a]anthracene	1	mg/kg	0.43	0.19J
			Benzo[a]pyrene	1	mg/kg	0.43	0.13J
			Benzo[b]fluoranthene	1	mg/kg	0.43	0.17J
			Benzo[g,h,i]perylene	1	mg/kg	0.43	0.086J
			Benzo[k]fluoranthene	1	mg/kg	0.43	0.061J
			Bis(2-Chloroethoxy)methane	1	mg/kg	0.43	ND
			Bis(2-Chloroethyl)Ether	1	mg/kg	0.43	ND
			Bis(2-Chloroisopropyl)ether	1	mg/kg	0.43	ND
			Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.43	0.065JB
			Butylbenzylphthalate	1	mg/kg	0.43	ND
			Carbazole	1	mg/kg	0.43	0.074J
			Chrysene	1	mg/kg	0.43	0.18J
			Dibenzo[a,h]Anthracene	1	mg/kg	0.43	ND
			Dibenzofuran	1	mg/kg	0.43	0.35J
			Diethylphthalate	1	mg/kg	0.43	ND
			Dimethylphthalate	1	mg/kg	0.43	ND
			Di-n-butylphthalate	1	mg/kg	0.43	0.079JB
			Di-n-octylphthalate	1	mg/kg	0.43	ND
			Fluoranthene	1	mg/kg	0.43	0.76
			Fluorene	1	mg/kg	0.43	0.49
			Hexachlorobenzene	1	mg/kg	0.43	ND
			Hexachlorobutadiene	1	mg/kg	0.43	ND

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID		Date Collected			Lab#	Sample ID		Date Collected	
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result	
AC23817-002	SS-14A 15001600		6/2/2006							
Hexachlorocyclopentadiene	1	mg/kg	0.43	ND						
Hexachloroethane	1	mg/kg	0.43	ND						
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.43	0.063J						
Isophorone	1	mg/kg	0.43	ND						
Naphthalene	1	mg/kg	0.43	1.2						
Nitrobenzene	1	mg/kg	0.43	ND						
N-Nitrosodimethylamine	1	mg/kg	0.43	ND						
N-Nitroso-Di-N-Propylamine	1	mg/kg	0.43	ND						
N-Nitrosodiphenylamine	1	mg/kg	0.43	ND						
Pentachlorophenol	1	mg/kg	1.1	ND						
Phenanthrene	1	mg/kg	0.43	1.7						
Phenol	1	mg/kg	0.43	ND						
Pyrene	1	mg/kg	0.43	0.82						
Volatile Organics + 10 (8260)										
1,1,1-Trichloroethane	78.9	mg/kg	0.51	ND						
1,1,2,2-Tetrachloroethene	78.9	mg/kg	0.51	ND						
1,1,2-Trichloroethene	78.9	mg/kg	0.51	ND						
1,1-Dichloroethane	78.9	mg/kg	0.51	ND						
1,1-Dichloroethene	78.9	mg/kg	0.51	ND						
1,2-Dichloroethane	78.9	mg/kg	0.51	ND						
1,2-Dichloropropane	78.9	mg/kg	0.51	ND						
2-Butanone	78.9	mg/kg	0.51	ND						
2-Chloroethylvinylether	78.9	mg/kg	0.51	ND						
2-Hexanone	78.9	mg/kg	0.51	ND						
4-Methyl-2-Pentanone	78.9	mg/kg	0.51	ND						
Acetone	78.9	mg/kg	2.6	ND						
Acrolein	78.9	mg/kg	2.6	ND						
Acrylonitrile	78.9	mg/kg	0.51	ND						
Benzene	78.9	mg/kg	0.10	ND						
Bromodichloromethane	78.9	mg/kg	0.51	ND						
Bromoform	78.9	mg/kg	0.51	ND						
Bromomethane	78.9	mg/kg	0.51	ND						
Carbon disulfide	78.9	mg/kg	0.51	ND						
Carbon tetrachloride	78.9	mg/kg	0.51	ND						
Chlorobenzene	78.9	mg/kg	0.51	ND						
Chloroethane	78.9	mg/kg	0.51	ND						
Chloroform	78.9	mg/kg	0.51	ND						
Chloromethane	78.9	mg/kg	0.51	ND						
Cis-1,2-Dichloroethene	78.9	mg/kg	0.51	ND						
Cis-1,3-Dichloropropene	78.9	mg/kg	0.51	ND						
Dibromochloromethane	78.9	mg/kg	0.51	ND						
Ethylbenzene	78.9	mg/kg	0.10	ND						
M&p-Xylenes	78.9	mg/kg	0.20	ND						
Methylene chloride	78.9	mg/kg	0.51	ND						
O-Xylene	78.9	mg/kg	0.10	ND						
Styrene	78.9	mg/kg	0.51	ND						
Tetrachloroethene	78.9	mg/kg	0.51	ND						
Toluene	78.9	mg/kg	0.10	ND						
Trans-1,2-Dichloroethene	78.9	mg/kg	0.51	ND						
Trans-1,3-Dichloropropene	78.9	mg/kg	0.51	ND						
Trichloroethene	78.9	mg/kg	0.51	ND						
Vinyl chloride	78.9	mg/kg	0.51	ND						

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

ND = Not Detected RL = Reporting Limit

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Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 6M06205.D
Analysis Date: 06/05/06 09:32
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.62	U	56-23-5	Carbon Tetrachloride	0.62	U
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	108-90-7	Chlorobenzene	0.62	U
79-00-5	1,1,2-Trichloroethane	0.62	U	75-00-3	Chloroethane	0.62	U
75-34-3	1,1-Dichloroethane	0.62	U	67-66-3	Chloroform	0.62	U
75-35-4	1,1-Dichloroethene	0.62	U	74-87-3	Chloromethane	0.62	U
107-06-2	1,2-Dichloroethane	0.62	U	156-59-2	cis-1,2-Dichloroethene	0.62	U
78-87-5	1,2-Dichloropropane	0.62	U	10061-01-5	cis-1,3-Dichloropropene	0.62	U
78-93-3	2-Butanone	0.62	U	124-48-1	Dibromochloromethane	0.62	U
110-75-8	2-Chloroethylvinylether	0.62	U	100-41-4	Ethylbenzene	0.12	U
591-78-6	2-Hexanone	0.62	U	1330-20-7	m&p-Xylenes	0.25	U
108-10-1	4-Methyl-2-Pentanone	0.62	U	75-09-2	Methylene Chloride	0.62	U
67-64-1	Acetone	3.1	U	95-47-6	o-Xylene	0.12	U
107-02-8	Acrolein	3.1	U	100-42-5	Styrene	0.62	U
107-13-1	Acrylonitrile	0.62	U	127-18-4	Tetrachloroethene	0.62	U
71-43-2	Benzene	0.12	U	108-88-3	Toluene	0.12	U
75-27-4	Bromodichloromethane	0.62	U	156-60-5	trans-1,2-Dichloroethene	0.62	U
75-25-2	Bromoform	0.62	U	10061-02-6	trans-1,3-Dichloropropene	0.62	U
74-83-9	Bromomethane	0.62	U	79-01-6	Trichloroethene	0.62	U
75-15-0	Carbon Disulfide	0.62	U	75-01-4	Vinyl Chloride	0.62	U

Worksheet #: 28954

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 6M06205.D
Analysis Date: 06/05/06 09:32
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 28954

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_6\Data\06-05-06\6M06205.D Vial: 5
Acq On : 5 Jun 2006 9:32 Operator: DB
Sample : DAILY BLANK Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:12 2006 Quant Results File: 6M_A0601.RES

Quant Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:54:02 2006
Response via : Initial Calibration
DataAcq Meth : 6M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.10	96	291143	30.00	ug/l	0.00
39) Chlorobenzene-d5	9.94	117	204406	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.73	152	95339	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.27	111	79724	28.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.57%			
28) 1,2-Dichloroethane-d4	6.69	67	56359	29.32	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.73%			
50) Toluene-d8	8.70	100	188901	30.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.87%			
58) Bromofluorobenzene	10.87	174	72180	29.42	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.07%			

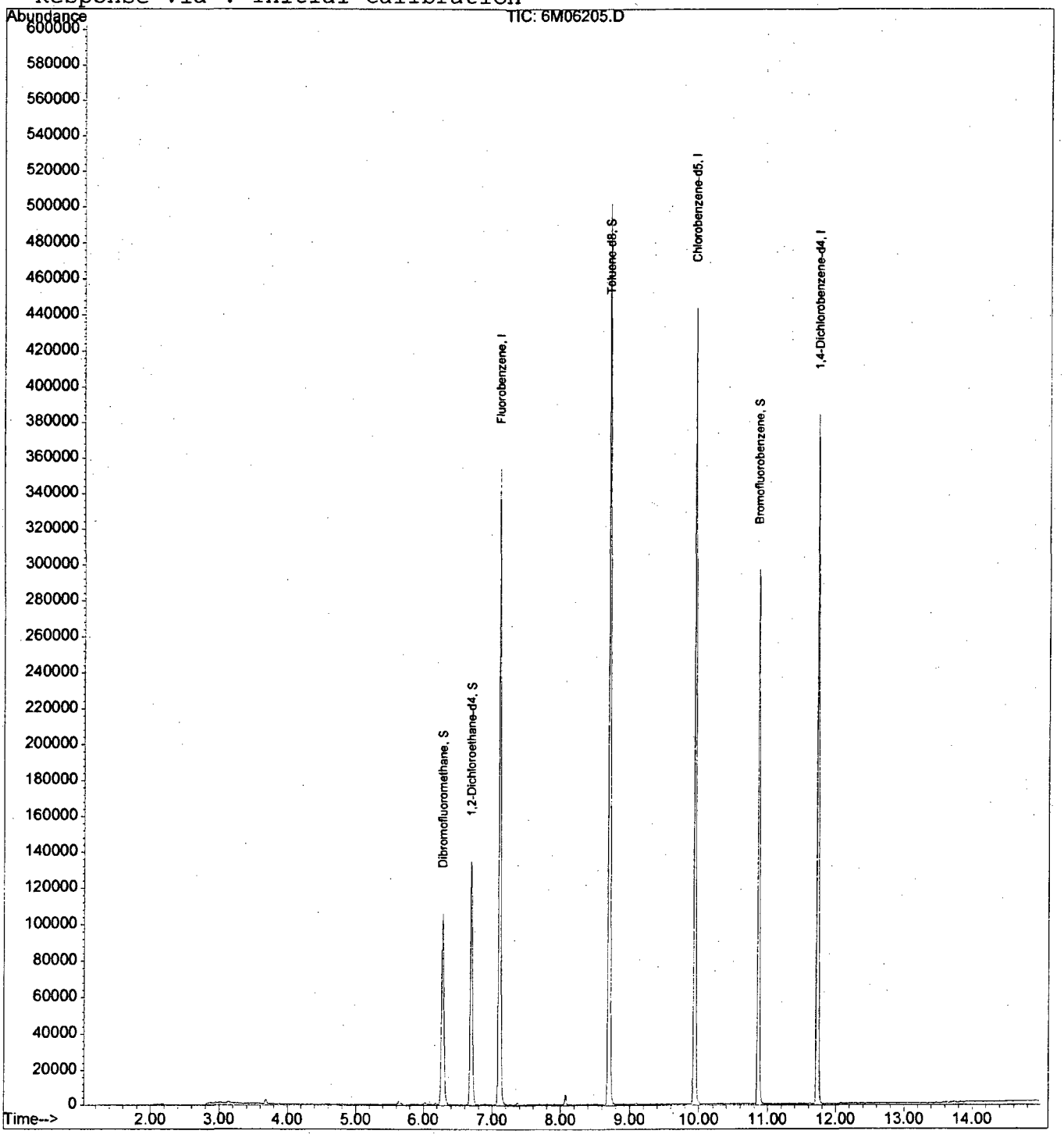
Target Compounds Qvalue

6/16/30

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_6\Data\06-05-06\6M06205.D Vial: 5
Acq On : 5 Jun 2006 9:32 Operator: DB
Sample : DAILY BLANK Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:12 2006 Quant Results File: 6M_A0601.RES

Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:56:14 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23817-002 Matrix: Methanol

Client Id: SS-14A 15001600~~(hold)~~ Extraction Ratio: 6.34g:10ml

Data File: 6M06226.D Final Vol: NA

Analysis Date: 06/05/06 17:51 Dilution: 78.9

Date Rec/Extracted: 06/02/06-NA Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.51	U	56-23-5	Carbon Tetrachloride	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	108-90-7	Chlorobenzene	0.51	U
79-00-5	1,1,2-Trichloroethane	0.51	U	75-00-3	Chloroethane	0.51	U
75-34-3	1,1-Dichloroethane	0.51	U	67-66-3	Chloroform	0.51	U
75-35-4	1,1-Dichloroethene	0.51	U	74-87-3	Chloromethane	0.51	U
107-06-2	1,2-Dichloroethane	0.51	U	156-59-2	cis-1,2-Dichloroethene	0.51	U
78-87-5	1,2-Dichloropropane	0.51	U	10061-01-5	cis-1,3-Dichloropropene	0.51	U
78-93-3	2-Butanone	0.51	U	124-48-1	Dibromochloromethane	0.51	U
110-75-8	2-Chloroethylvinylether	0.51	U	100-41-4	Ethylbenzene	0.10	U
591-78-6	2-Hexanone	0.51	U	1330-20-7	m&p-Xylenes	0.20	U
108-10-1	4-Methyl-2-Pentanone	0.51	U	75-09-2	Methylene Chloride	0.51	U
67-64-1	Acetone	2.6	U	95-47-6	o-Xylene	0.10	U
107-02-8	Acrolein	2.6	U	100-42-5	Styrene	0.51	U
107-13-1	Acrylonitrile	0.51	U	127-18-4	Tetrachloroethene	0.51	U
71-43-2	Benzene	0.10	U	108-88-3	Toluene	0.10	U
75-27-4	Bromodichloromethane	0.51	U	156-60-5	trans-1,2-Dichloroethene	0.51	U
75-25-2	Bromoform	0.51	U	10061-02-6	trans-1,3-Dichloropropene	0.51	U
74-83-9	Bromomethane	0.51	U	79-01-6	Trichloroethene	0.51	U
75-15-0	Carbon Disulfide	0.51	U	75-01-4	Vinyl Chloride	0.51	U

Worksheet #: 28954

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23817-002 Matrix: Methanol
Client Id: SS-14A 15001600(~~hold~~ [illegible] Extraction Ratio: 6.34g:10ml
Data File: 6M06226.D Final Vol: NA
Analysis Date: 06/05/06 17:51 Dilution: 78.9
Date Rec/Extracted: 06/02/06-NA Solids: 77

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 28954

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_6\Data\06-05-06\6M06226.D Vial: 16
Acq On : 5 Jun 2006 17:51 Operator: DB
Sample : AC23817-002 Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 13 16:03 2006 Quant Results File: 6M_A0601.RES

Quant Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:56:14 2006
Response via : Initial Calibration
DataAcq Meth : 6M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.10	96	339345	30.00	ug/l	0.01
39) Chlorobenzene-d5	9.94	117	241282	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.73	152	112202	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.28	111	89070	26.91	ug/l	0.01
Spiked Amount 30.000			Recovery = 89.70%			
28) 1,2-Dichloroethane-d4	6.69	67	64456	28.77	ug/l	0.01
Spiked Amount 30.000			Recovery = 95.90%			
50) Toluene-d8	8.70	100	219429	30.37	ug/l	0.01
Spiked Amount 30.000			Recovery = 101.23%			
58) Bromofluorobenzene	10.86	174	81798	28.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.43%			

Target Compounds Qvalue

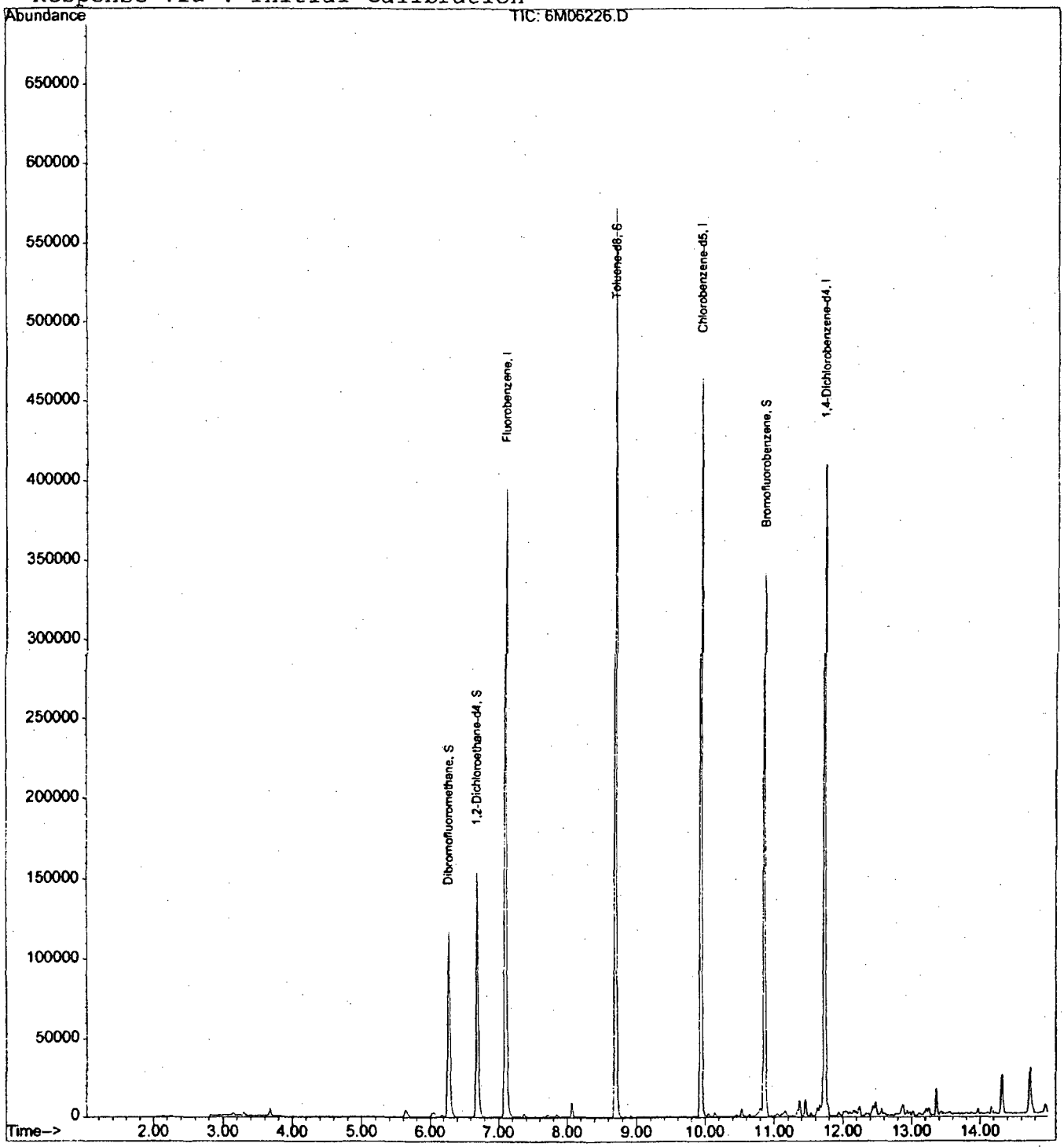
6/13/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_6\Data\06-05-06\6M06226.D Vial: 16
Acq On : 5 Jun 2006 17:51 Operator: DB
Sample : AC23817-002 Inst : GCMS_6
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 13 16:03 2006 Quant Results File: 6M_A0601.RES

Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260
Last Update : Thu Jun 01 09:56:14 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2925
Client Id:
Data File: 5M19784.D
Analysis Date: 06/16/06 15:51
Date Rec/Extracted: NA-06/16/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.33	U	205-99-2	Benzo[b]fluoranthene	0.33	U
95-50-1	1,2-Dichlorobenzene	0.33	U	191-24-2	Benzo[g,h,i]perylene	0.33	U
122-66-7	1,2-Diphenylhydrazine	0.33	U	207-08-9	Benzo[k]fluoranthene	0.33	U
541-73-1	1,3-Dichlorobenzene	0.33	U	111-91-1	bis(2-Chloroethoxy)methan	0.33	U
106-46-7	1,4-Dichlorobenzene	0.33	U	111-44-4	bis(2-Chloroethyl)ether	0.33	U
95-95-4	2,4,5-Trichlorophenol	0.33	U	108-60-1	bis(2-chloroisopropyl)ether	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.33	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.33**	**0.036 J**
120-83-2	2,4-Dichlorophenol	0.33	U	85-68-7	Butylbenzylphthalate	0.33	U
105-67-9	2,4-Dimethylphenol	0.33	U	86-74-8	Carbazole	0.33	U
51-28-5	2,4-Dinitrophenol	0.83	U	218-01-9	Chrysene	0.33	U
121-14-2	2,4-Dinitrotoluene	0.33	U	**84-74-2**	**Di-n-butylphthalate**	**0.33**	**0.045 J**
606-20-2	2,6-Dinitrotoluene	0.33	U	117-84-0	Di-n-octylphthalate	0.33	U
91-58-7	2-Chloronaphthalene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
95-57-8	2-Chlorophenol	0.33	U	132-64-9	Dibenzofuran	0.33	U
91-57-6	2-Methylnaphthalene	0.33	U	84-66-2	Diethylphthalate	0.33	U
95-48-7	2-Methylphenol	0.33	U	131-11-3	Dimethylphthalate	0.33	U
88-74-4	2-Nitroaniline	0.33	U	206-44-0	Fluoranthene	0.33	U
88-75-5	2-Nitrophenol	0.33	U	86-73-7	Fluorene	0.33	U
106-44-5	3&4-Methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.33	U
91-94-1	3,3'-Dichlorobenzidine	0.33	U	87-68-3	Hexachlorobutadiene	0.33	U
99-09-2	3-Nitroaniline	0.33	U	77-47-4	Hexachlorocyclopentadiene	0.33	U
534-52-1	4,6-Dinitro-2-methylphenol	0.83	U	67-72-1	Hexachloroethane	0.33	U
101-55-3	4-Bromophenyl-phenylether	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
59-50-7	4-Chloro-3-methylphenol	0.33	U	78-59-1	Isophorone	0.33	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.33	U
7005-72-3	4-Chlorophenyl-phenylether	0.33	U	62-75-9	N-Nitrosodimethylamine	0.33	U
100-01-6	4-Nitroaniline	0.33	U	86-30-6	n-Nitrosodiphenylamine	0.33	U
100-02-7	4-Nitrophenol	0.33	U	91-20-3	Naphthalene	0.33	U
83-32-9	Acenaphthene	0.33	U	98-95-3	Nitrobenzene	0.33	U
208-96-8	Acenaphthylene	0.33	U	87-86-5	Pentachlorophenol	0.83	U
120-12-7	Anthracene	0.33	U	85-01-8	Phenanthrene	0.33	U
92-87-5	Benzidine	0.33	U	108-95-2	Phenol	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	129-00-0	Pyrene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U				

Worksheet #: 29160

Total Target Concentration 0.081

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB2925
Client Id:
Data File: 5M19784.D
Analysis Date: 06/16/06 15:51
Date Rec/Extracted: NA-06/16/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	1.83	2.0 J
2	1072-05-5	Heptane, 2,6-dimethyl-	2.19	0.38 J
3	2216-30-0	Heptane, 2,5-dimethyl-	2.28	0.93 J
4	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.40	6.3 JA

Worksheet #: 29160

Total Tentatively Identified Concentration 9.61

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-16-06\5M19784.D Vial: 18
Acq On : 16 Jun 2006 15:51 Operator: AHD
Sample : SMB2925 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:59 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.61	152	11745	40.00	ng	-0.06
20) Naphthalene-d8	5.69	136	44947	40.00	ng	-0.05
36) Acenaphthene-d10	6.99	164	26641	40.00	ng	-0.05
61) Phenanthrene-d10	8.25	188	43882	40.00	ng	-0.07
77) Chrysene-d12	11.15	240	38590	40.00	ng	-0.08
88) Perylene-d12	12.72	264	30864	40.00	ng	-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	3.03	112	56918	156.65	ng	-0.14
Spiked Amount 200.000			Recovery = 78.33%			
8) Phenol-d5	4.35	99	82102	152.21	ng	-0.06
Spiked Amount 200.000			Recovery = 76.11%			
21) Nitrobenzene-d5	5.12	128	14114	78.61	ng	-0.06
Spiked Amount 100.000			Recovery = 78.61%			
41) 2-Fluorobiphenyl	6.51	172	72719	89.24	ng	-0.05
Spiked Amount 100.000			Recovery = 89.24%			
64) 2,4,6-Tribromophenol	7.63	330	15310	193.73	ng	-0.06
Spiked Amount 200.000			Recovery = 96.86%			
80) Terphenyl-d14	9.98	244	86430	110.88	ng	-0.07
Spiked Amount 100.000			Recovery = 110.88%			
Target Compounds						Qvalue
74) Di-n-butylphthalate	8.91	149	2363	1.35	ng	97
87) bis(2-Ethylhexyl)phthalate	11.31	149	1010	1.09	ng	54

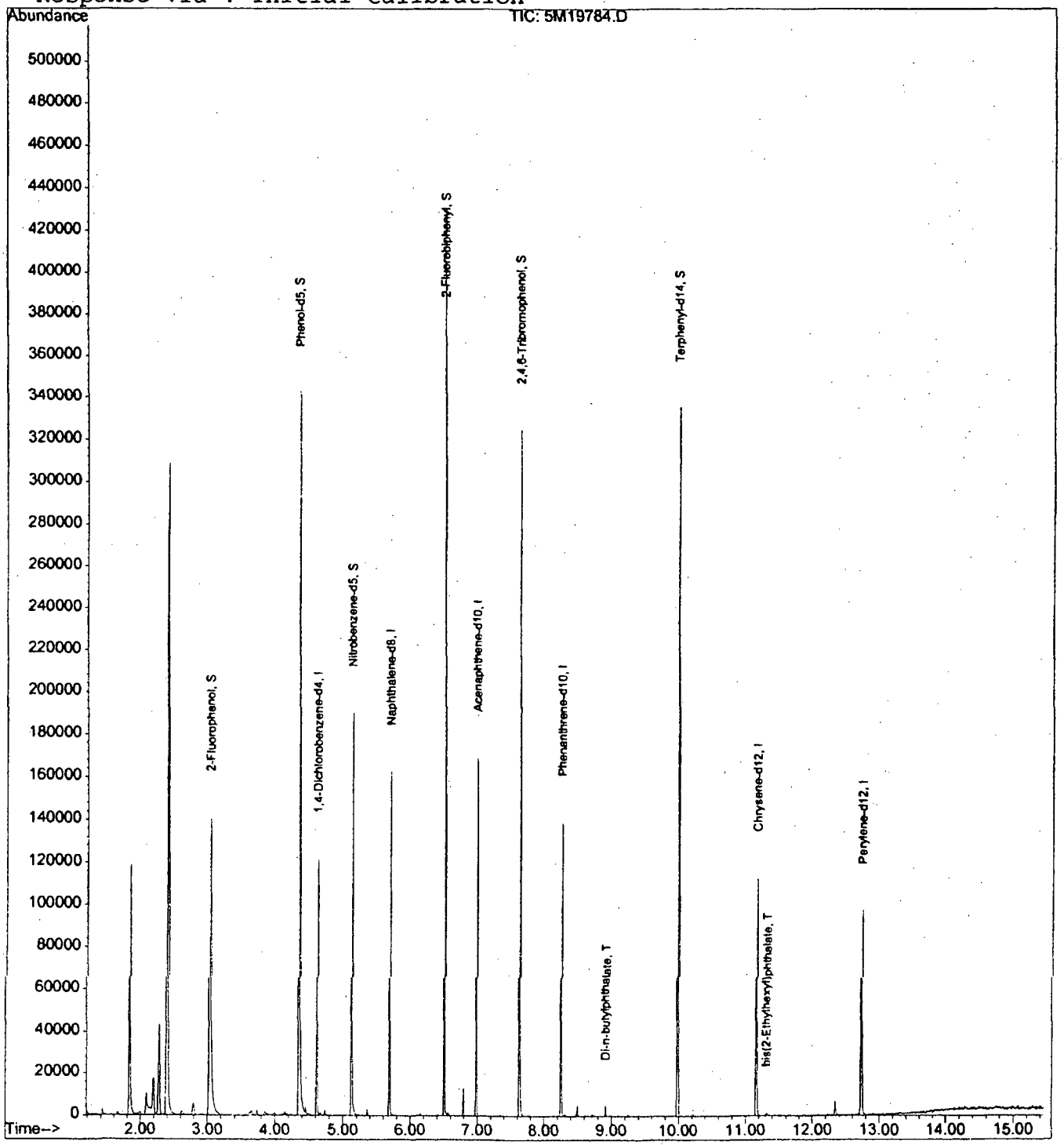
6/19/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-16-06\5M19784.D Vial: 18
Acq On : 16 Jun 2006 15:51 Operator: AHD
Sample : SMB2925 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:59 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23817-002
Client Id: SS-14A 15001600
Data File: 5M19819.D
Analysis Date: 06/19/06 08:49
Date Rec/Extracted: 06/02/06-06/16/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.43	U	205-99-2	Benzo[b]fluoranthene	0.43	0.17 J
95-50-1	1,2-Dichlorobenzene	0.43	U	191-24-2	Benzo[g,h,i]perylene	0.43	0.086 J
122-66-7	1,2-Diphenylhydrazine	0.43	U	207-08-9	Benzo[k]fluoranthene	0.43	0.061 J
541-73-1	1,3-Dichlorobenzene	0.43	U	111-91-1	bis(2-Chloroethoxy)methan	0.43	U
106-46-7	1,4-Dichlorobenzene	0.43	U	111-44-4	bis(2-Chloroethyl)ether	0.43	U
95-95-4	2,4,5-Trichlorophenol	0.43	U	108-60-1	bis(2-chloroisopropyl)ether	0.43	U
88-06-2	2,4,6-Trichlorophenol	0.43	U	117-81-7	bis(2-Ethylhexyl)phthalat	0.43	0.065 JB
120-83-2	2,4-Dichlorophenol	0.43	U	85-68-7	Butylbenzylphthalate	0.43	U
105-67-9	2,4-Dimethylphenol	0.43	U	86-74-8	Carbazole	0.43	0.074 J
51-28-5	2,4-Dinitrophenol	1.1	U	218-01-9	Chrysene	0.43	0.18 J
121-14-2	2,4-Dinitrotoluene	0.43	U	84-74-2	Di-n-butylphthalate	0.43	0.079 JB
606-20-2	2,6-Dinitrotoluene	0.43	U	117-84-0	Di-n-octylphthalate	0.43	U
91-58-7	2-Chloronaphthalene	0.43	U	53-70-3	Dibenzo[a,h]anthracene	0.43	U
95-57-8	2-Chlorophenol	0.43	U	132-64-9	Dibenzofuran	0.43	0.35 J
91-57-6	2-Methylnaphthalene	0.43	0.33 J	84-66-2	Diethylphthalate	0.43	U
95-48-7	2-Methylphenol	0.43	U	131-11-3	Dimethylphthalate	0.43	U
88-74-4	2-Nitroaniline	0.43	U	206-44-0	Fluoranthene	0.43	0.76
88-75-5	2-Nitrophenol	0.43	U	86-73-7	Fluorene	0.43	0.49
106-44-5	3&4-Methylphenol	0.43	U	118-74-1	Hexachlorobenzene	0.43	U
91-94-1	3,3'-Dichlorobenzidine	0.43	U	87-68-3	Hexachlorobutadiene	0.43	U
99-09-2	3-Nitroaniline	0.43	U	77-47-4	Hexachlorocyclopentadiene	0.43	U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	67-72-1	Hexachloroethane	0.43	U
101-55-3	4-Bromophenyl-phenylether	0.43	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.43	0.063 J
59-50-7	4-Chloro-3-methylphenol	0.43	U	78-59-1	Isophorone	0.43	U
106-47-8	4-Chloroaniline	0.43	U	621-64-7	N-Nitroso-di-n-propylamine	0.43	U
7005-72-3	4-Chlorophenyl-phenylether	0.43	U	62-75-9	N-Nitrosodimethylamine	0.43	U
100-01-6	4-Nitroaniline	0.43	U	86-30-6	n-Nitrosodiphenylamine	0.43	U
100-02-7	4-Nitrophenol	0.43	U	91-20-3	Naphthalene	0.43	1.2
83-32-9	Acenaphthene	0.43	0.47	98-95-3	Nitrobenzene	0.43	U
208-96-8	Acenaphthylene	0.43	0.091 J	87-86-5	Pentachlorophenol	1.1	U
120-12-7	Anthracene	0.43	0.41 J	85-01-8	Phenanthrene	0.43	1.7
92-87-5	Benzidine	0.43	U	108-95-2	Phenol	0.43	U
56-55-3	Benzo[a]anthracene	0.43	0.19 J	129-00-0	Pyrene	0.43	0.82
50-32-8	Benzo[a]pyrene	0.43	0.13 J				

Worksheet #: 29160

Total Target Concentration 7.719

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23817-002
Client Id: SS-14A 15001600
Data File: 5M19819.D
Analysis Date: 06/19/06 08:49
Date Rec/Extracted: 06/02/06-06/16/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	1.84	0.30 JB
2	2216-30-0	Heptane, 2,5-dimethyl-	2.28	0.61 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.39	4.5 JAB
4	108-75-8	Pyridine, 2,4,6-trimethyl-	4.44	1.1 J
5	1462-84-6	Pyridine, 2,3,6-trimethyl-	4.55	0.39 J
6	622-76-4	Benzene, 1-butynyl-	5.50	0.20 J
7	90-12-0	Naphthalene, 1-methyl-	6.30	0.90 J
8	92-52-4	1,1'-Biphenyl	6.57	0.37 J
9	1127-76-0	Naphthalene, 1-ethyl-	6.64	0.26 J
10	571-61-9	Naphthalene, 1,5-dimethyl-	6.69	0.33 J
11	575-41-7	Naphthalene, 1,3-dimethyl-	6.74	0.42 J
12		unknown	6.76	0.19 J
13	575-41-7	Naphthalene, 1,3-dimethyl-	6.82	0.46 J
14	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.24	0.22 J
15	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.31	0.23 J
16	2320-32-3	Benzene, [1-(2,4-cyclopentadien-1-ylide	7.47	0.31 J
17	7320-53-8	Dibenzofuran, 4-methyl-	7.56	0.26 J
18	834-24-2	Benzenamine, 4-(2-phenylethenyl)-	7.74	0.51 J
19	26137-53-1	Naphthalene, 1,2,3-trimethyl-4-propenyl	7.86	0.19 J
20	1730-37-6	9H-Fluorene, 1-methyl-	7.90	0.19 J
21	613-12-7	Anthracene, 2-methyl-	8.76	0.37 J
22	*832-64-4*	*Phenanthrene, 4-methyl-*	*8.79*	*0.35 J*
23	612-94-2	Naphthalene, 2-phenyl-	9.09	0.19 J
24	243-17-4	11H-Benzo[b]fluorene	10.15	0.18 J

Worksheet #: 29160

Total Tentatively Identified Concentration 13.03

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-19-06\5M19819.D Vial: 51
Acq On : 19 Jun 2006 8:49 Operator: AHD
Sample : AC23817-002 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:59 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.61	152	19272	40.00	ng	-0.07
20) Naphthalene-d8	5.68	136	75338	40.00	ng	-0.06
36) Acenaphthene-d10	6.98	164	43817	40.00	ng	-0.06
61) Phenanthrene-d10	8.25	188	72285	40.00	ng	-0.07
77) Chrysene-d12	11.15	240	61634	40.00	ng	-0.09
88) Perylene-d12	12.72	264	42721	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.02	112	93522	156.86	ng	-0.15
Spiked Amount 200.000			Recovery = 78.43%			
8) Phenol-d5	4.34	99	133350	150.66	ng	-0.07
Spiked Amount 200.000			Recovery = 75.33%			
21) Nitrobenzene-d5	5.12	128	23610	78.45	ng	-0.06
Spiked Amount 100.000			Recovery = 78.45%			
41) 2-Fluorobiphenyl	6.51	172	118258	88.24	ng	-0.05
Spiked Amount 100.000			Recovery = 88.24%			
64) 2,4,6-Tribromophenol	7.62	330	24668	189.49	ng	-0.07
Spiked Amount 200.000			Recovery = 94.75%			
80) Terphenyl-d14	9.98	244	130207	104.58	ng	-0.08
Spiked Amount 100.000			Recovery = 104.58%			
Target Compounds						Qvalue
30) Naphthalene	5.70	128	80546	28.72	ng	99
34) 2-Methylnaphthalene	6.23	142	11128	7.63	ng	97
47) Acenaphthylene	6.88	152	5935	2.10	ng	82
50) Acenaphthene	7.00	153	18788	10.80	ng	97
53) Dibenzofuran	7.14	168	15103	8.17	ng	93
57) Fluorene	7.41	166	24105	11.37	ng	95
70) Phenanthrene	8.27	178	121345	40.13	ng	98
71) Anthracene	8.33	178	28714	9.47	ng	96
72) Carbazole	8.51	167	3496	1.72	ng	96
74) Di-n-butylphthalate	8.90	149	5240	1.82	ng	88
76) Fluoranthene	9.51	202	58208	17.50	ng	97
78) Pyrene	9.75	202	52886	18.93	ng	93
85) Benzo[a]anthracene	11.14	228	12055	4.43	ng	99
86) Chrysene	11.19	228	10245	4.27	ng	87
87) bis(2-Ethylhexyl)phthalate	11.30	149	2194	1.49	ng	73
90) Benzo[b]fluoranthene	12.34	252	9544	3.84	ng	98
91) Benzo[k]fluoranthene	12.37	252	3469	1.42	ng	90
92) Benzo[a]pyrene	12.67	252	6956	3.00	ng	96
93) Indeno[1,2,3-cd]pyrene	13.74	276	3458	1.46	ng	80

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

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-19-06\5M19819.D Vial: 51
Acq On : 19 Jun 2006 8:49 Operator: AHD
Sample : AC23817-002 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:59 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

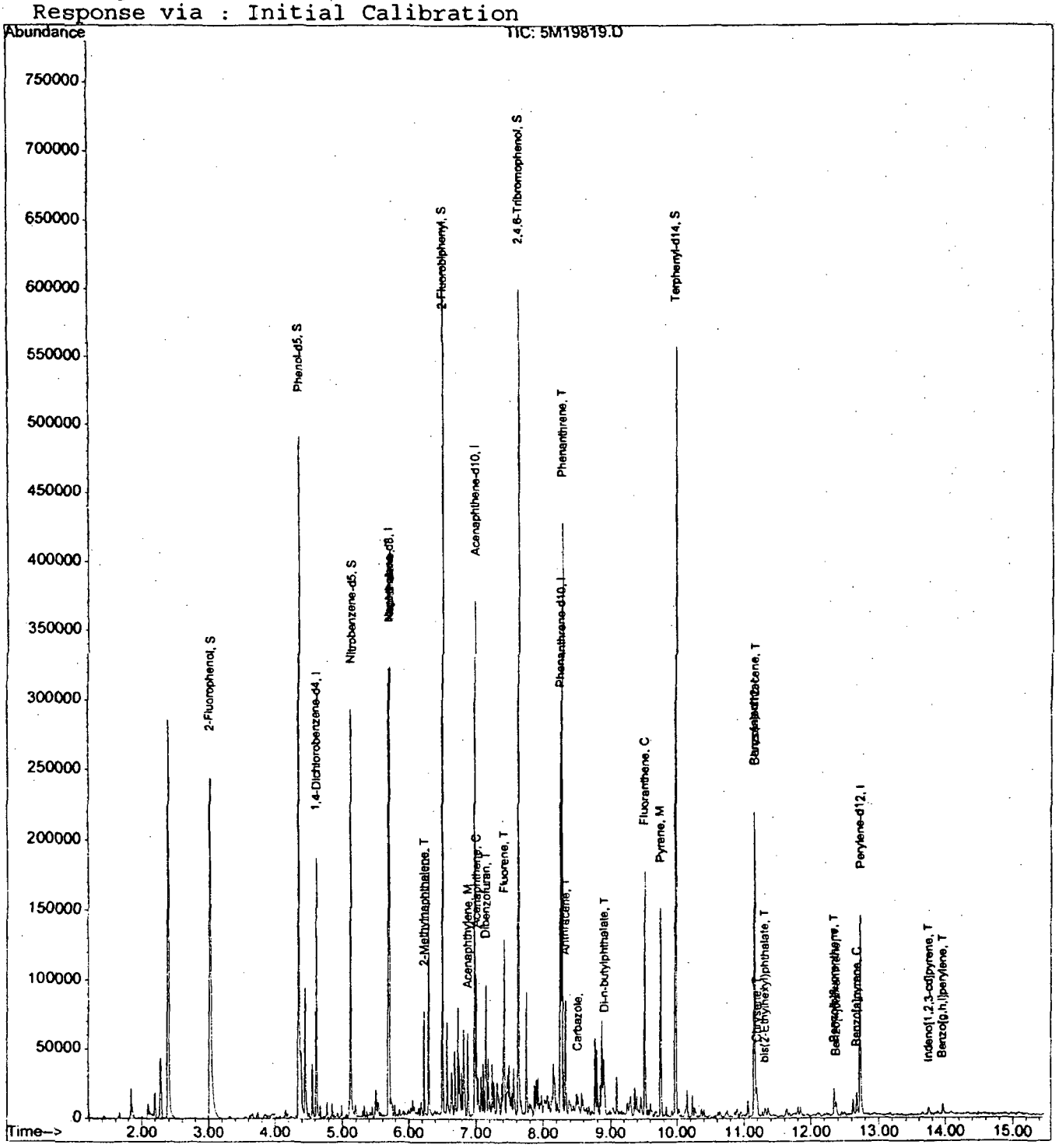
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
95) Benzo[g,h,i]perylene	13.95	276	3940	1.99	ng	91

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-19-06\5M19819.D Vial: 51
Acq On : 19 Jun 2006 8:49 Operator: AHD
Sample : AC23817-002 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:59 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 6060230**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC23817-002	SS-14A 15001600	Soil/Encore	1	77	Percent			06/05/06	06/02/06	06/02/06

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FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
6M06018.	DAILY BLANK	Methanol	1		87	85	104	99		
6M06205.	DAILY BLANK	Methanol	1		94	98	103	98		
6M06226.	AC23817-002	Methanol	1		90	96	101	94		
6M06030.	MBS3567	Methanol	1		85	86	105	96		
6M06035.	AC23703-010(MS)	Methanol	1		85	82	108	96		
6M06036.	AC23703-010(MSD)	Methanol	1		86	83	106	93		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	50-150
S2=1,2-Dichloroethane-d4	30	80-120
S3=Toluene-d8	30	81-117
S4=Bromofluorobenzene	30	74-121

FORM 3

Spike Recovery

Batch Number: MBS3567
Mbs Name: MBS3567
Ns Name: AC23703-010
Ms Name: AC23703-010(MS)
Msd Name: AC23703-010(MS

Mbs File: 6M06030.D
Non Spk'd File: 6M06029.D
Spike File: 6M06035.D
Spike Dup File: 6M06036.D
Matrix: Methanol
Method: 8260

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,1-Dichloroethene	1	0	20	59	172	22	15.76	0.00	18.26	17.87	79	91	89	2.2
Trichloroethene	1	0	20	62	137	24	14.97	0.00	17.84	17.35	75	89	87	2.8
Benzene	1	0	20	66	142	21	16.86	0.00	19.69	18.96	84	98	95	3.8
Toluene	1	0	20	59	139	21	18.65	0.00	21.58	21.44	93	108	107	0.65
Chlorobenzene	1	0	20	60	133	21	17.69	0.00	20.80	20.38	88	104	102	2

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M06018.D
Matrix: Methanol

Blank Analysis Date: 05/30/06 14:22
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23703-010(MS	6M06036.D	05/30/06 21:26
AC23703-010(MS)	6M06035.D	05/30/06 21:03
MBS3567	6M06030.D	05/30/06 19:07

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 6M06205.D
Matrix: Methanol

Blank Analysis Date: 06/05/06 09:32
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23817-002	6M06226.D	06/05/06 17:51

Form 5

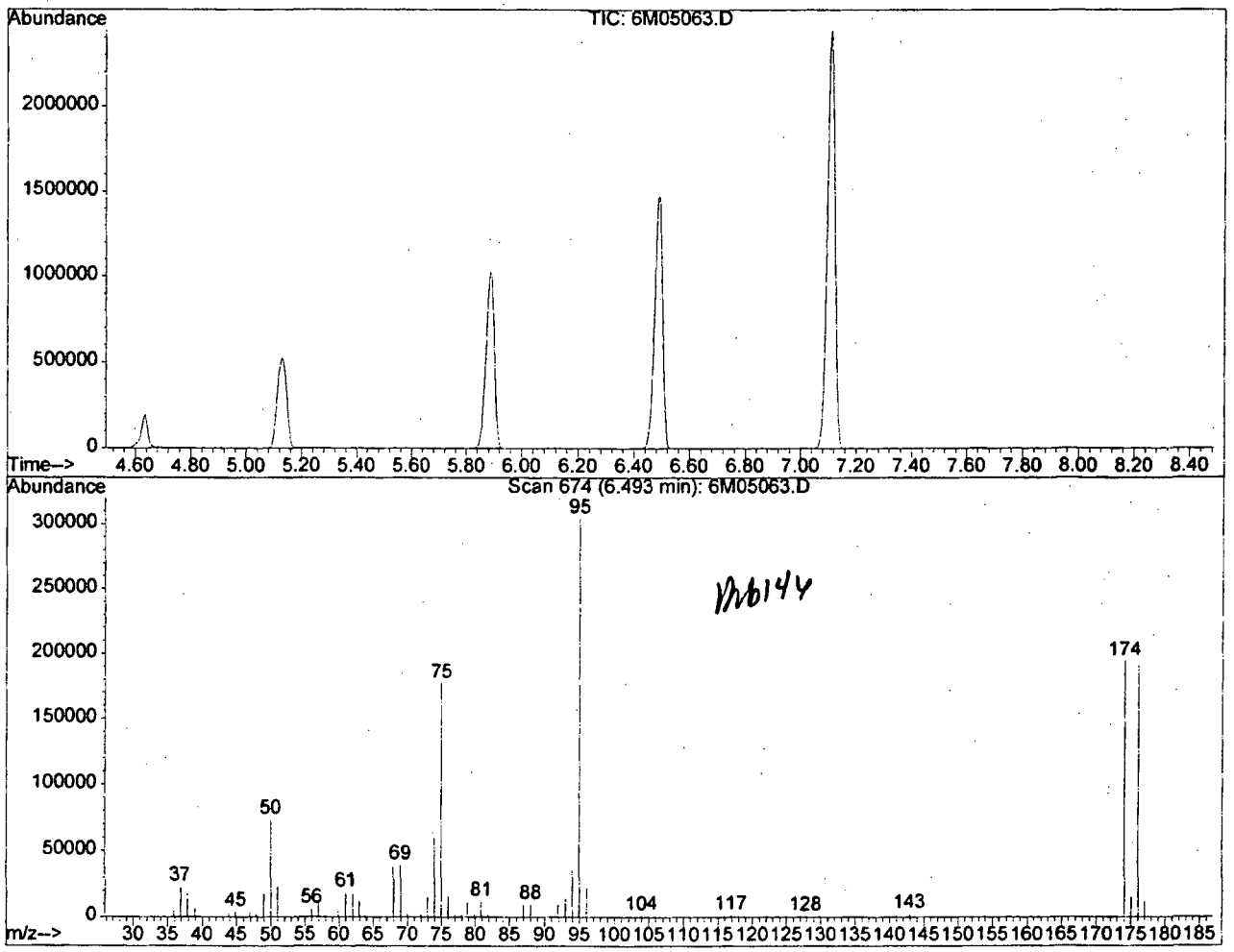
Tune Name: BFB TUNE **Data File:** 6M05063.D
Instrument: GCMS_6 **Analysis Date:** 05/02/06 06:19
Tune Scan/Time Range: Scan 674

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	24.1	73488	PASS
75	95	30	60	58.2	177280	PASS
95	95	100	100	100.0	304576	PASS
96	95	5	9	7.3	22272	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	63.8	194240	PASS
175	174	5	9	7.8	15212	PASS
176	174	95	101	98.2	190720	PASS
177	176	5	9	6.6	12586	PASS

Data File	Sample Number	Analysis Date:
6M05064.D	CAL @ 500 PPB	05/02/06 06:34
6M05065.D	CAL @ 100 PPB	05/02/06 06:57
6M05066.D	CAL @ 50 PPB	05/02/06 07:20
6M05067.D	CAL @ 20 PPB	05/02/06 07:43
6M05068.D	CAL @ 10 PPB	05/02/06 08:08
6M05069.D	CAL @ 5 PPB	05/02/06 08:31
6M05070.D	CAL @ 1 PPB	05/02/06 08:54
6M05071.D	DAILY BLANK	05/02/06 09:17
6M05072.D	DAILY BLANK	05/02/06 09:42
6M05073.D	AC23155-003	05/02/06 10:06
6M05074.D	AC23155-004	05/02/06 10:29
6M05075.D	MBS3443	05/02/06 10:53
6M05076.D	AC23148-007	05/02/06 11:16
6M05077.D	AC23148-009	05/02/06 11:39
6M05078.D	AC23148-011	05/02/06 12:02
6M05079.D	AC23148-013	05/02/06 12:25
6M05080.D	AC23158-001	05/02/06 12:49
6M05081.D	AC23158-002	05/02/06 13:14
6M05082.D	AC23159-001	05/02/06 13:38
6M05083.D	AC23147-002	05/02/06 14:01
6M05084.D	AC23195-001	05/02/06 14:25
6M05085.D	AC23195-002	05/02/06 14:48
6M05086.D	AC23108-003	05/02/06 15:12
6M05087.D	AC23158-003	05/02/06 15:35
6M05088.D	AC23008-001	05/02/06 15:58
6M05089.D	AC23189-006(200	05/02/06 16:21
6M05090.D	AC23227-001(MS)	05/02/06 16:45
6M05091.D	AC23227-001(MS	05/02/06 17:08
6M05092.D	MBS3447	05/02/06 17:32
6M05093.D	AC23229-015(MS)	05/02/06 17:55
6M05094.D	AC23229-015(MS	05/02/06 18:18
6M05095.D	AC23230-010	05/02/06 18:42
6M05096.D	AC23230-004	05/02/06 19:05
6M05097.D	AC23230-012	05/02/06 19:28
6M05098.D	AC23230-005	05/02/06 19:51
6M05099.D	AC23230-011	05/02/06 20:14
6M05100.D	BLK	05/02/06 20:37
6M05101.D	AC23229-015	05/02/06 21:02
6M05102.D	BLK	05/02/06 21:26
6M05103.D	AC23227-001	05/02/06 21:49
6M05104.D	BLK	05/02/06 22:12
6M05105.D	BLK	05/02/06 22:35
6M05106.D	AC23252-005	05/02/06 22:58
6M05107.D	AC23252-006	05/02/06 23:21
6M05108.D	AC23252-002	05/02/06 23:44
6M05109.D	AC23252-003	05/03/06 00:08
6M05110.D	AC23252-004	05/03/06 00:31
6M05111.D	AC23252-001	05/03/06 00:54
6M05112.D	BLK	05/03/06 01:17
6M05113.D	BLK	05/03/06 01:41
6M05114.D	BLK	05/03/06 02:04
6M05115.D	BLK	05/03/06 02:27

CLPBFB

Data File : G:\GcMsData\2006\GCMS_6\Data\05-02-06\6M05063.D Vial: 1
Acq On : 2 May 2006 6:19 Operator: DB
Sample : BFB TUNE Inst : GCMS_6
Misc : A,5mL Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0411.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260



Spectrum Information: Scan 674

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	73488	PASS
75	95	30	60	58.2	177280	PASS
95	95	100	100	100.0	304576	PASS
96	95	5	9	7.3	22272	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	63.8	194240	PASS
175	174	5	9	7.8	15212	PASS
176	174	95	101	98.2	190720	PASS
177	176	5	9	6.6	12586	PASS

6M05063.D 6M_A0411.M Wed Jun 14 10:51:57 2006 RPT1

Form 5

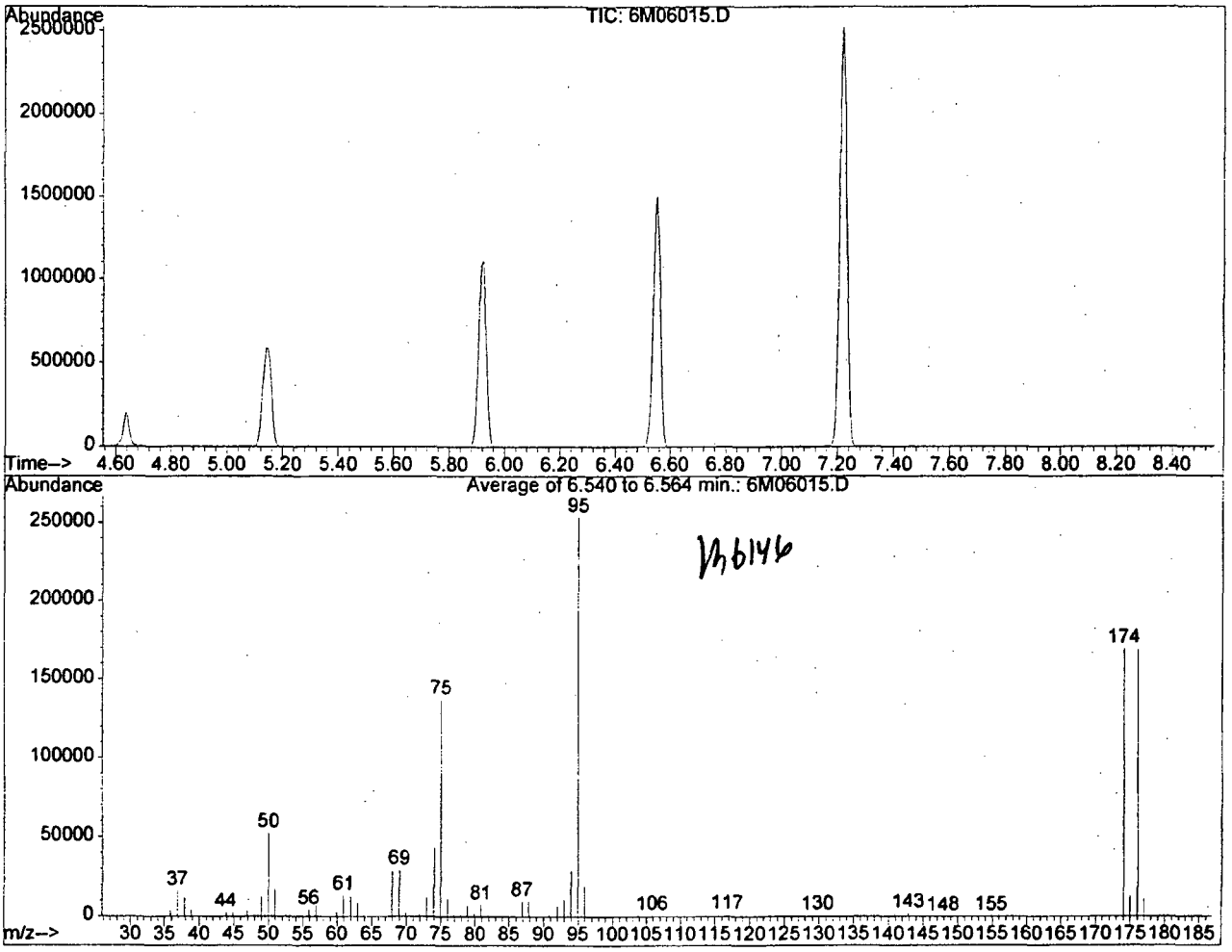
Tune Name: BFB TUNE **Data File:** 6M06015.D
Instrument: GCMS_6 **Analysis Date:** 05/30/06 12:41
Tune Scan/Time Range: Average of 6.540 to 6.564 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.6	52213	PASS
75	95	30	60	53.9	136821	PASS
95	95	100	100	100.0	253824	PASS
96	95	5	9	7.6	19172	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	169192	PASS
175	174	5	9	7.8	13116	PASS
176	174	95	101	99.8	168888	PASS
177	176	5	9	6.8	11422	PASS

Data File	Sample Number	Analysis Date:
6M06016.D	CAL @ 20 PPB	05/30/06 12:58
6M06017.D	DAILY BLANK	05/30/06 13:27
6M06018.D	DAILY BLANK	05/30/06 14:22
6M06019.D	AC23703-014	05/30/06 14:47
6M06020.D	AC23703-001	05/30/06 15:11
6M06021.D	AC23703-002	05/30/06 15:34
6M06022.D	AC23703-003	05/30/06 15:59
6M06023.D	AC23703-004	05/30/06 16:22
6M06024.D	AC23703-005	05/30/06 16:46
6M06025.D	AC23703-006	05/30/06 17:11
6M06026.D	AC23703-007	05/30/06 17:34
6M06027.D	AC23703-008	05/30/06 17:57
6M06028.D	AC23703-009	05/30/06 18:21
6M06029.D	AC23703-010	05/30/06 18:44
6M06030.D	MBS3567	05/30/06 19:07
6M06031.D	AC23695-014	05/30/06 19:30
6M06032.D	AC23695-015	05/30/06 19:54
6M06033.D	AC23695-016	05/30/06 20:17
6M06034.D	AC23695-017	05/30/06 20:40
6M06035.D	AC23703-010(MS)	05/30/06 21:03
6M06036.D	AC23703-010(MS	05/30/06 21:26
6M06037.D	AC23691-001	05/30/06 21:50
6M06038.D	AC23691-002	05/30/06 22:13
6M06039.D	AC23691-003	05/30/06 22:36
6M06040.D	AC23705-005	05/30/06 23:00
6M06041.D	AC23695-018	05/30/06 23:23
6M06042.D	AC23619-005	05/30/06 23:46
6M06043.D	MBS3568	05/31/06 00:10
6M06044.D	AC23609-003(MS)	05/31/06 00:33
6M06045.D	AC23609-003(MS	05/31/06 00:56
6M06046.D	AC23696-008	05/31/06 01:19
6M06047.D	AC23696-009	05/31/06 01:43
6M06048.D	AC23702-001	05/31/06 02:06
6M06049.D	AC23702-002	05/31/06 02:29
6M06050.D	AC23686-004	05/31/06 02:53
6M06051.D	AC23642-007	05/31/06 03:17
6M06052.D	AC23690-001(20X)	05/31/06 03:40
6M06053.D	AC23696-001	05/31/06 04:04
6M06054.D	AC23696-002	05/31/06 04:27
6M06055.D	AC23696-003	05/31/06 04:50
6M06056.D	AC23696-004	05/31/06 05:14
6M06057.D	AC23696-005	05/31/06 05:37
6M06058.D	AC23696-006	05/31/06 06:00
6M06059.D	AC23696-007	05/31/06 06:23
6M06060.D	AC23696-010	05/31/06 06:46
6M06061.D	AC23696-011	05/31/06 07:10
6M06062.D	AC23696-012	05/31/06 07:34
6M06063.D	AC23696-013	05/31/06 07:57
6M06064.D	AC23696-014	05/31/06 08:20
6M06065.D	AC23696-017	05/31/06 08:45
6M06066.D	AC23696-018	05/31/06 09:09
6M06067.D	AC23696-015(10X)	05/31/06 09:36
6M06068.D	AC23696-016(20X)	05/31/06 10:03
6M06069.D	AC23696-019(20X)	05/31/06 10:29
6M06070.D	AC23716-001	05/31/06 10:52
6M06071.D	AC23716-002	05/31/06 11:17
6M06072.D	AC23716-003	05/31/06 11:40
6M06073.D	AC23716-004	05/31/06 12:03
6M06074.D	AC23696-016	05/31/06 12:27
6M06075.D	BLK	05/31/06 12:52
6M06076.D	BLK	05/31/06 13:15

CLPBFB

Data File : G:\GcMsData\2006\GCMS_6\Data\05-30-06\6M06015.D Vial: 4
Acq On : 30 May 2006 12:41 Operator: DB
Sample : BFB TUNE Inst : GCMS_6
Misc : A,5mL Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0502.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260



Spectrum Information: Average of 6.540 to 6.564 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	52213	PASS
75	95	30	60	53.9	136821	PASS
95	95	100	100	100.0	253824	PASS
96	95	5	9	7.6	19172	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	169192	PASS
175	174	5	9	7.8	13116	PASS
176	174	95	101	99.8	168888	PASS
177	176	5	9	6.8	11422	PASS

6M06015.D 6M_A0502.M Wed Jun 14 10:51:58 2006 RPT1

Form 5

Tune Name: BFB TUNE **Data File:** 6M06081.D
Instrument: GCMS_6 **Analysis Date:** 06/01/06 06:54

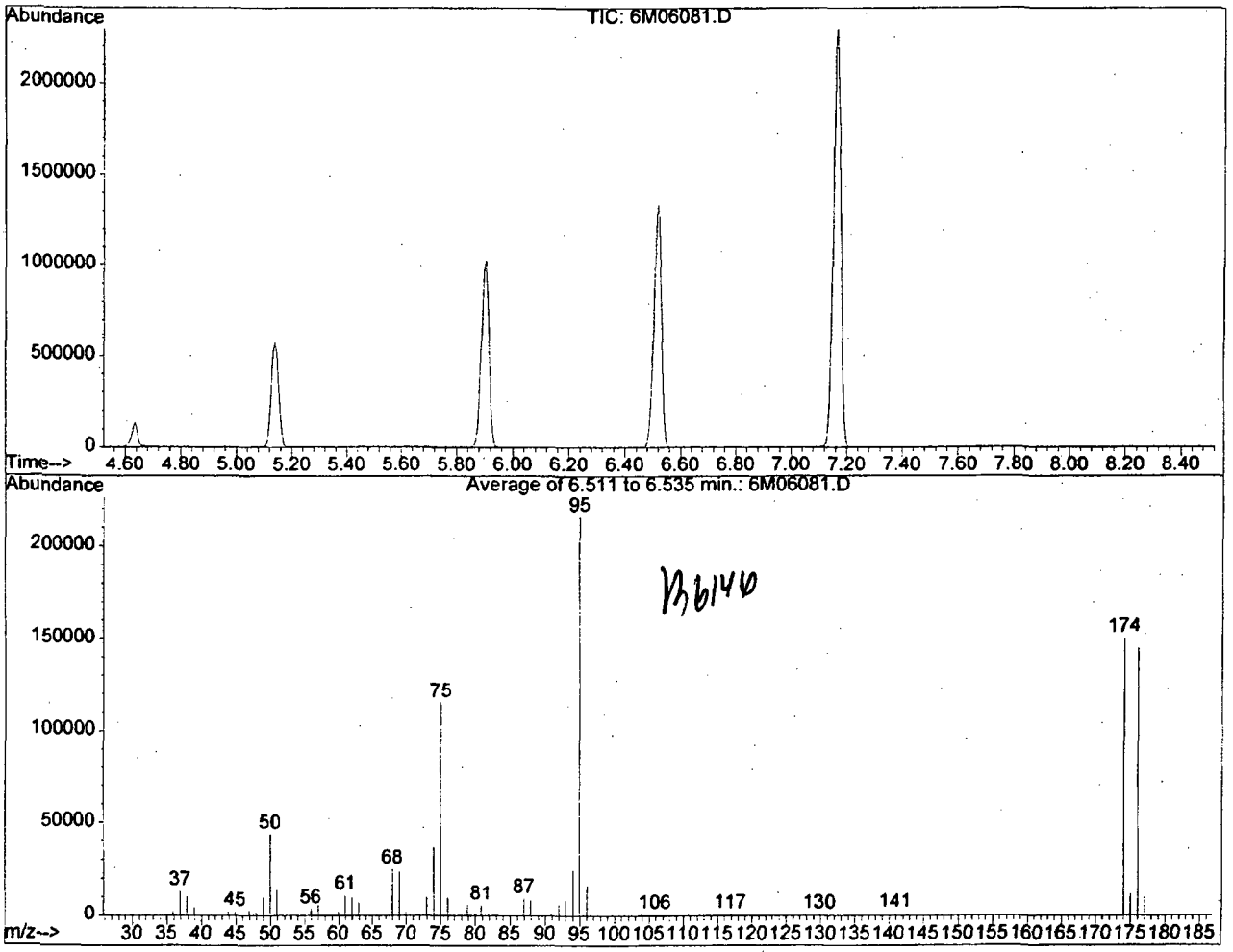
Tune Scan/Time Range: Average of 6.511 to 6.535 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.3	43864	PASS
75	95	30	60	53.5	115330	PASS
95	95	100	100	100.0	215765	PASS
96	95	5	9	7.7	16617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.7	150384	PASS
175	174	5	9	7.7	11621	PASS
176	174	95	101	96.5	145158	PASS
177	176	5	9	6.9	9970	PASS

Data File	Sample Number	Analysis Date:
6M06082.D	CAL @ 500 PPB	06/01/06 07:11
6M06083.D	CAL @ 100 PPB	06/01/06 07:36
6M06084.D	CAL @ 50 PPB	06/01/06 07:59
6M06085.D	CAL @ 20 PPB	06/01/06 08:24
6M06086.D	CAL @ 10 PPB	06/01/06 08:48
6M06087.D	CAL @ 5 PPB	06/01/06 09:12
6M06088.D	CAL @ 1 PPB	06/01/06 09:36
6M06089.D	DAILY BLANK	06/01/06 10:00
6M06090.D	DAILY BLANK	06/01/06 10:23
6M06091.D	AC23715-001	06/01/06 10:47
6M06092.D	AC23705-001	06/01/06 11:11
6M06093.D	MBS3572	06/01/06 11:34
6M06094.D	AC23703-004(MS)	06/01/06 11:57
6M06095.D	AC23703-004(MS	06/01/06 13:09
6M06096.D	AC23754-001	06/01/06 13:33
6M06097.D	AC23754-002	06/01/06 13:57
6M06098.D	AC23754-003	06/01/06 14:21
6M06099.D	AC23754-004	06/01/06 14:45
6M06100.D	EF-1V14501(0601	06/01/06 15:09
6M06101.D	AC23733-002(T)	06/01/06 15:33
6M06102.D	AC23733-003(T)	06/01/06 15:56
6M06103.D	MBS3573	06/01/06 16:20
6M06104.D	AC23754-006	06/01/06 16:44
6M06105.D	AC23670-002	06/01/06 17:08
6M06106.D	AC23716-003(MS)	06/01/06 17:32
6M06107.D	AC23716-003(MS	06/01/06 17:56
6M06108.D	AC23744-002	06/01/06 18:21
6M06109.D	AC23744-003	06/01/06 18:44
6M06110.D	AC23754-008	06/01/06 19:07
6M06111.D	AC23759-001	06/01/06 19:30
6M06112.D	AC23759-002	06/01/06 19:53
6M06113.D	AC23769-005	06/01/06 20:17
6M06114.D	AC23769-011	06/01/06 20:40
6M06115.D	AC23772-002	06/01/06 21:03
6M06116.D	AC23760-001	06/01/06 21:26
6M06117.D	AC23760-002	06/01/06 21:49
6M06118.D	AC23761-001	06/01/06 22:12
6M06119.D	AC23761-002	06/01/06 22:35
6M06120.D	AC23762-001	06/01/06 22:59
6M06121.D	AC23762-002	06/01/06 23:22
6M06122.D	AC23763-001	06/01/06 23:45
6M06123.D	AC23763-002	06/02/06 00:08
6M06124.D	AC23717-001	06/02/06 00:31
6M06125.D	AC23717-003	06/02/06 00:55
6M06126.D	AC23735-003	06/02/06 01:18
6M06127.D	AC23735-004	06/02/06 01:41
6M06128.D	AC23741-009	06/02/06 02:04
6M06129.D	AC23741-010	06/02/06 02:27
6M06130.D	AC23741-011	06/02/06 02:51
6M06131.D	AC23744-001	06/02/06 03:14
6M06132.D	AC23769-001	06/02/06 03:38
6M06133.D	AC23769-002	06/02/06 04:01
6M06134.D	AC23769-003	06/02/06 04:24
6M06135.D	AC23769-004	06/02/06 04:48
6M06136.D	BLK	06/02/06 07:13

CLPBFB

Data File : G:\GcMsData\2006\GCMS_6\Data\06-01-06\6M06081.D Vial: 1
Acq On : 1 Jun 2006 6:54 Operator: DB
Sample : BFB TUNE Inst : GCMS_6
Misc : A,5mL Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0502.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260



Spectrum Information: Average of 6.511 to 6.535 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	43864	PASS
75	95	30	60	53.5	115330	PASS
95	95	100	100	100.0	215765	PASS
96	95	5	9	7.7	16617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.7	150384	PASS
175	174	5	9	7.7	11621	PASS
176	174	95	101	96.5	145158	PASS
177	176	5	9	6.9	9970	PASS

6M06081.D 6M_A0502.M Wed Jun 14 10:52:00 2006 RPT1

Form 5

Tune Name: BFB TUNE **Data File:** 6M06201.D
Instrument: *GCMS_6* ***Analysis Date:*** *06/05/06 08:00*

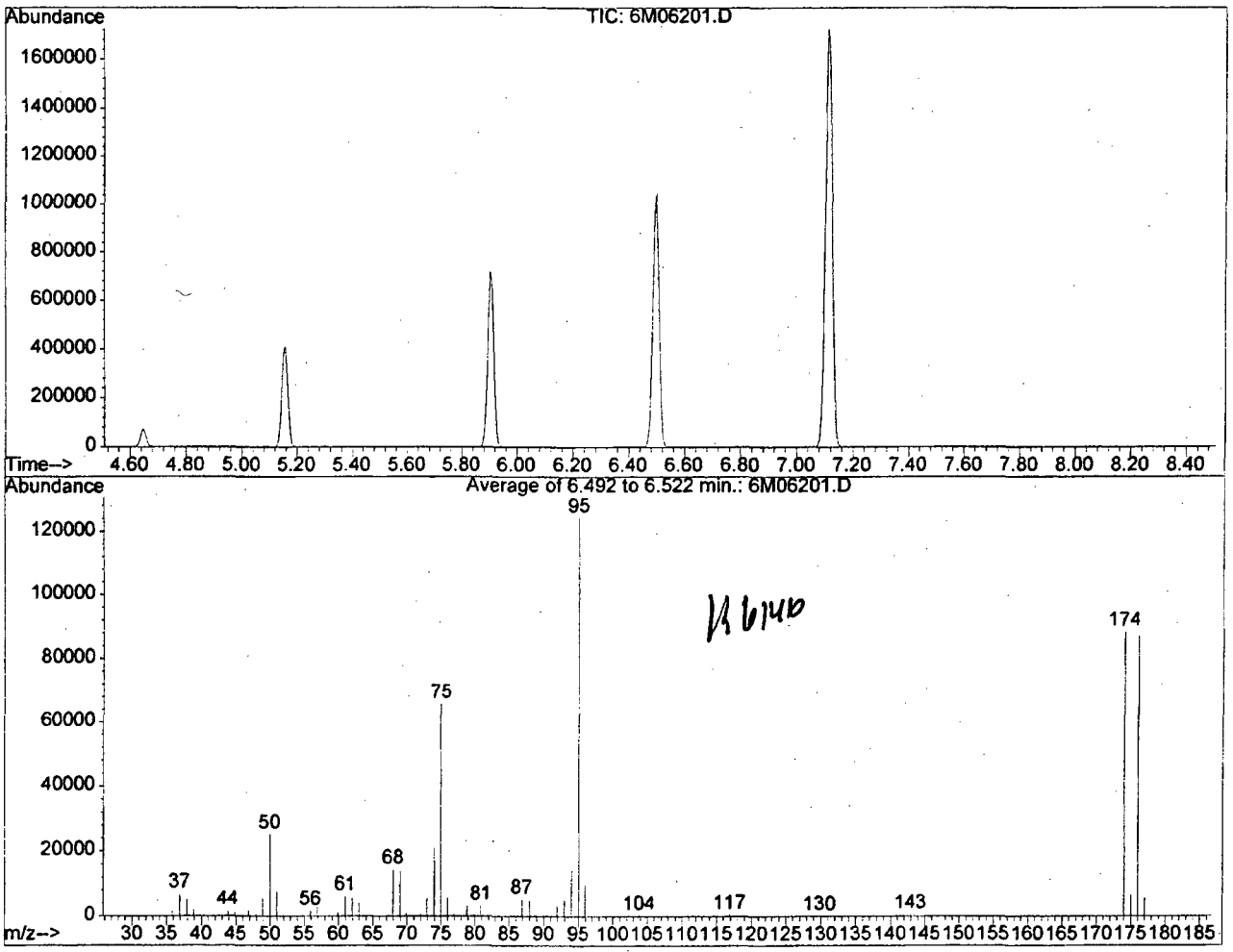
Tune Scan/Time Range: Average of 6.492 to 6.522 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.3	25242	PASS
75	95	30	60	53.0	65905	PASS
95	95	100	100	100.0	124454	PASS
96	95	5	9	7.8	9675	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.1	88547	PASS
175	174	5	9	7.5	6660	PASS
176	174	95	101	98.3	87000	PASS
177	176	5	9	6.5	5681	PASS

Data File	Sample Number	Analysis Date:
6M06202.D	CAL @ 20 PPB	06/05/06 08:15
6M06203.D	CAL @ 20 PPB	06/05/06 08:41
6M06204.D	DAILY BLANK	06/05/06 09:09
6M06205.D	DAILY BLANK	06/05/06 09:32
6M06206.D	AC23808-005	06/05/06 09:59
6M06207.D	AC23808-001	06/05/06 10:26
6M06208.D	MBS3582	06/05/06 10:49
6M06209.D	AC23808-002(20X)	06/05/06 11:12
6M06210.D	AC23808-006	06/05/06 11:36
6M06211.D	AC23808-003(MS:	06/05/06 11:59
6M06212.D	AC23808-004(MS	06/05/06 12:24
6M06213.D	AC23815-001	06/05/06 12:47
6M06214.D	AC23791-001	06/05/06 13:11
6M06215.D	AC23791-003	06/05/06 13:34
6M06216.D	AC23808-001(500	06/05/06 13:57
6M06217.D	AC23808-002(100	06/05/06 14:21
6M06218.D	AC23793-007	06/05/06 14:44
6M06219.D	AC23791-004	06/05/06 15:08
6M06220.D	AC23791-005	06/05/06 15:31
6M06221.D	AC23791-019	06/05/06 15:54
6M06222.D	AC23791-020	06/05/06 16:17
6M06223.D	AC23791-021	06/05/06 16:41
6M06224.D	AC23791-022	06/05/06 17:04
6M06225.D	AC23817-001	06/05/06 17:27
6M06226.D	AC23817-002	06/05/06 17:51
6M06227.D	AC23817-003(80u	06/05/06 18:14
6M06228.D	AC23827-001	06/05/06 18:37
6M06229.D	AC23824-001	06/05/06 19:01
6M06230.D	MBS3586	06/05/06 19:24
6M06231.D	BLK	06/05/06 19:47
6M06232.D	BLK	06/05/06 20:11
6M06233.D	BLK	06/05/06 20:34
6M06234.D	BLK	06/05/06 20:57
6M06235.D	MBS3587	06/05/06 21:21
6M06236.D	AC23795-001(MS)	06/05/06 21:44
6M06237.D	AC23795-001(MS	06/05/06 22:09
6M06238.D	AC23771-003	06/05/06 22:32
6M06239.D	AC23800-003	06/05/06 22:55
6M06240.D	AC23800-004	06/05/06 23:19
6M06241.D	AC23799-007	06/05/06 23:42
6M06242.D	AC23795-002	06/06/06 00:05
6M06243.D	AC23795-003	06/06/06 00:28
6M06244.D	AC23679-004	06/06/06 00:52
6M06245.D	AC23778-001	06/06/06 01:15
6M06246.D	AC23794-003	06/06/06 01:38
6M06247.D	AC23783-001	06/06/06 02:02
6M06248.D	AC23783-002	06/06/06 02:25
6M06249.D	AC23799-001	06/06/06 02:48
6M06250.D	AC23792-003	06/06/06 03:12
6M06251.D	AC23800-002	06/06/06 03:35
6M06252.D	AC23786-005	06/06/06 03:58
6M06253.D	AC23787-003	06/06/06 04:21
6M06254.D	AC23771-002	06/06/06 04:45
6M06255.D	BLK	06/06/06 05:08
6M06256.D	BLK	06/06/06 05:31
6M06257.D	BLK	06/06/06 05:54
6M06258.D	BLK	06/06/06 06:18

CLPBFB

Data File : G:\GcMsData\2006\GCMS_6\Data\06-05-06\6M06201.D Vial: 1
Acq On : 5 Jun 2006 8:00 Operator: DB
Sample : BFB TUNE Inst : GCMS_6
Misc : A,5mL Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_6\METHODS\6M_A0601.M (RTE Integrator)
Title : @GCMS_6,ug,624,8260



Spectrum Information: Average of 6.492 to 6.522 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	25242	PASS
75	95	30	60	53.0	65905	PASS
95	95	100	100	100.0	124454	PASS
96	95	5	9	7.8	9675	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.1	88547	PASS
175	174	5	9	7.5	6660	PASS
176	174	95	101	98.3	87000	PASS
177	176	5	9	6.5	5681	PASS

6M06201.D 6M_A0601.M Wed Jun 14 10:52:02 2006 RPT1

[redacted] Form 6 [redacted]

Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M05067.	CAL @ 20 PPB	05/02/06 07:43	2	6M05069.	CAL @ 5 PPB	05/02/06 08:31
3	6M05068.	CAL @ 10 PPB	05/02/06 08:08	4	6M05066.	CAL @ 50 PPB	05/02/06 07:20
5	6M05065.	CAL @ 100 PPB	05/02/06 06:57	6	6M05064.	CAL @ 500 PPB	05/02/06 06:34
7	6M05070.	CAL @ 1 PPB	05/02/06 08:54				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dichlorodifluoromethane	1	0	Avg	0.4708	0.4202	0.4216	0.4703	0.4807	0.4646	----	----	0.455	1.51	1.00	1.00	5.9	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	Avg	0.3233	0.3105	0.3022	0.3293	0.3435	0.3088	----	----	0.320	1.68	0.999	1.00	4.8**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	Avg	0.2935	0.2876	0.2903	0.2857	0.2832	----	----	----	0.288	2.10	1.00	1.00	1.4	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.3500	0.3398	0.3183	0.3494	0.3560	0.3233	----	----	0.340	1.78	1.00	1.00	4.5*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.1888	0.1780	0.1729	0.1942	0.1953	0.1727	----	----	0.184	2.20	0.999	1.00	5.7	20.00	5.00	10.00	50.00	100.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.5200	0.4775	0.4439	0.5154	0.5046	0.4787	----	----	0.490	2.48	1.00	1.00	5.9	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Avg	0.3168	0.3772	0.2996	0.2867	0.2964	0.2640	----	----	0.307	3.68	1.00	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	Avg	0.0253	0.0231	0.0198	0.0262	0.0277	0.0265	----	----	0.0248	2.92	1.00	1.00	12	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.1354	0.1144	0.1176	0.1264	0.1336	0.1213	----	----	0.125	4.02	1.00	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.4632	0.4346	0.4227	0.4634	0.4961	0.4182	----	----	0.450	3.23	0.999	1.00	6.7	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	Avg	0.1928	0.2190	0.1759	0.1787	0.1831	0.1556	----	----	0.184	3.11	0.999	1.00	11	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.8487	0.8530	0.8151	0.8285	0.8743	0.7856	----	----	0.834	3.32	0.999	1.00	3.8	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0411	0.0484	0.0329	0.0402	0.0402	0.0354	----	----	0.0397	3.87	0.999	1.00	13	100.0	25.00	50.00	250.0	500.0	2500.		
Di-isopropyl-ether	1	0	Avg	1.1316	1.1844	1.0541	1.0875	1.1231	1.0213	----	----	1.10	4.88	1.00	1.00	5.3	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.4513	0.4394	0.4085	0.4341	0.4506	0.4040	----	----	0.431	3.06	0.999	1.00	4.8*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	1.1374	1.1489	1.0276	1.0726	1.1078	0.9704	0.9901	----	1.07	4.11	0.999	1.00	6.7	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
N-Hexane	1	0	Avg	0.2314	0.2121	0.2232	0.2274	0.2423	0.2302	----	----	0.228	4.53	1.00	1.00	4.4	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethane	1	0	Avg	0.5351	0.5360	0.5026	0.5092	0.5403	0.4841	----	----	0.518	4.72	0.999	1.00	4.4**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2655	0.2554	0.2573	0.2548	0.2690	0.2364	----	----	0.256	4.09	0.999	1.00	4.4	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.5265	0.5338	0.4857	0.5065	0.5310	0.4568	----	----	0.507	5.57	0.999	1.00	6.0	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.2843	0.2898	0.2593	0.2683	0.2788	0.2486	----	----	0.272	5.90	0.999	1.00	5.8	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.3457	0.3277	0.3013	0.3500	0.3853	0.3336	----	----	0.341	5.56	0.999	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	Avg	0.0041	0.0035	0.0030	0.0039	0.0039	0.0036	----	----	0.00371	7.87	1.00	1.00	10	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.4268	0.4062	0.3785	0.4118	0.4252	0.3674	----	----	0.403	6.51	0.999	1.00	6.1	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.6113	0.6188	0.5535	0.5978	0.6002	0.5428	----	----	0.587	6.05	1.00	1.00	5.4*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.3362	0.3367	0.3330	0.3313	0.3326	0.3239	0.3385	----	0.333	6.26	-1	-1	1.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.2376	0.2437	0.2450	0.2347	0.2390	0.2334	0.2531	----	0.241	6.68	-1	-1	2.8	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.6372	0.6846	0.5864	0.5955	0.6009	0.5201	----	----	0.604	6.78	0.999	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	Avg	0.2107	0.2291	0.1819	0.2079	0.2130	0.1875	----	----	0.205	5.60	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.5081	0.4996	0.4468	0.4903	0.5045	0.4561	----	----	0.484	6.28	1.00	1.00	5.4	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.4062	0.3800	0.3602	0.3990	0.4135	0.3682	----	----	0.388	6.51	0.999	1.00	5.6	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	LinF	0.2859	0.3241	0.2212	0.2872	0.2545	0.3441	----	----	0.286	4.88	0.998	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.4651	0.4696	0.4082	0.4613	0.4846	0.4419	----	----	0.455	8.01	1.00	1.00	5.9	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.2012	0.1972	0.1681	0.1885	0.1956	0.1795	----	----	0.188	7.84	1.00	1.00	6.6	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.2947	0.3106	0.2565	0.2804	0.2877	0.2579	----	----	0.281	7.72	0.999	1.00	7.5*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.2958	0.3059	0.2759	0.3011	0.3077	0.2658	----	----	0.292	7.50	0.999	1.00	5.9	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	1.0147	1.0547	0.9361	0.9831	0.9996	0.9001	0.8964	----	0.969	6.76	1.00	1.00	6.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4170	0.4237	0.3432	0.4317	0.4561	0.4287	----	----	0.417	9.45	1.00	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.3101	0.3174	0.2582	0.3049	0.3219	0.3000	----	----	0.302	8.30	1.00	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.6220	0.6179	0.5343	0.6197	0.6669	0.6180	----	----	0.613	8.43	1.00	1.00	7.0	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.6301	0.6232	0.5507	0.6430	0.6928	0.6442	----	----	0.631	8.93	1.00	1.00	7.3	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,2-Trichloroethane	1	0	Avg	0.3750	0.4246	0.3335	0.3563	0.3659	0.3313	----	----	0.364	9.10	1.00	1.00	9.4	20.00	5.00	10.00	50.00	100.0	500.0		

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.87

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0055

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M05067.	CAL @ 20 PPB	05/02/06 07:43	2	6M05069.	CAL @ 5 PPB	05/02/06 08:31
3	6M05068.	CAL @ 10 PPB	05/02/06 08:08	4	6M05066.	CAL @ 50 PPB	05/02/06 07:20
5	6M05065.	CAL @ 100 PPB	05/02/06 06:57	6	6M05064.	CAL @ 500 PPB	05/02/06 06:34
7	6M05070.	CAL @ 1 PPB	05/02/06 08:54				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1,2-Dibromoethane	1	0	Avg	0.4508	0.4894	0.4099	0.4436	0.4602	0.4178	-----	-----	0.445	9.54	1.00	1.00	6.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.7070	0.7870	0.6605	0.6650	0.6748	0.5665	-----	-----	0.677	9.24	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.5908	0.6891	0.5042	0.5754	0.5790	0.5119	-----	-----	0.575	8.58	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	Avg	0.4592	0.4898	0.3788	0.4435	0.4564	0.3993	-----	-----	0.438	9.31	0.999	1.00	9.4	20.00	5.00	10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.2639	0.2655	0.2344	0.2583	0.2595	0.2312	-----	-----	0.252	9.24	0.999	1.00	6.0	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	0.8570	0.8505	0.8517	0.8599	0.8613	0.8886	0.8544	-----	0.861	8.69	-1	-1	1.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.8839	0.9440	0.7939	0.8394	0.8680	0.7842	0.8432	-----	0.851	8.75	1.00	1.00	6.4*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.3573	0.3759	0.3112	0.3466	0.3631	0.3188	-----	-----	0.346	10.02	0.999	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0		
Chlorobenzene	1	0	Avg	0.9749	1.0979	0.9017	0.9330	0.9610	0.8487	-----	-----	0.953	9.95	0.999	1.00	8.8**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Lin	0.4774	0.4725	0.3768	0.4857	0.5476	-----	-----	-----	0.472	10.61	0.997	1.00	13**(0.100)	20.00	5.00	10.00	50.00	100.0			
Ethylbenzene	1	0	Avg	0.5661	0.6465	0.5051	0.5382	0.5894	0.5379	0.4436	-----	0.547	10.04	1.00	1.00	12*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	0.8449	1.0092	0.7416	0.8189	0.8382	0.8060	-----	-----	0.843	10.94	1.00	1.00	11**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.7605	0.7571	0.7594	0.7787	0.7761	0.7792	0.7604	-----	0.767	10.86	-1	-1	1.3	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	1.9441	2.1126	1.7245	1.9219	1.9929	1.6763	-----	-----	1.90	10.45	0.999	1.00	8.7	20.00	5.00	10.00	50.00	100.0	500.0		
m&p-Xylenes	1	0	Avg	1.1296	1.2348	1.0523	1.0921	1.1293	0.9515	1.0153	-----	1.09	10.13	0.999	1.00	8.4	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.1059	1.2067	1.0266	1.0949	1.1366	0.9664	0.8664	-----	1.06	10.44	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	Avg	0.3945	0.3922	0.3227	0.4076	0.4186	0.3468	-----	-----	0.380	10.97	0.998	1.00	9.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.3232	1.5051	1.1875	1.2276	1.2606	1.0772	-----	-----	1.26	11.68	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dichlorobenzene	1	0	Avg	1.2983	1.5688	1.2624	1.2465	1.3006	1.1386	-----	-----	1.30	11.74	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichlorobenzene	1	0	Avg	1.2621	1.4230	1.1729	1.1972	1.2486	1.1016	-----	-----	1.23	12.02	0.999	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	3.0749	3.2497	2.7780	3.0104	3.0928	2.6047	2.7347	-----	2.94	10.73	0.999	1.00	7.9	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	1.4898	1.6258	1.2796	1.4325	1.4052	1.1787	-----	-----	1.40	10.98	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chlorotoluene	1	0	Avg	1.4641	1.6388	1.4651	1.5598	1.5854	1.2516	-----	-----	1.49	11.12	0.997	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.6560	1.8708	1.5741	1.6209	1.6810	1.3139	-----	-----	1.62	11.19	0.997	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	3.7444	4.1704	3.4728	3.6371	3.7602	3.2057	3.6423	-----	3.66	11.04	0.999	1.00	8.0	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.9757	2.3030	1.8237	1.9086	1.9445	1.5996	-----	-----	1.93	10.97	0.998	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	2.7727	3.0959	2.4774	2.6384	2.6891	2.2389	2.5579	-----	2.64	11.16	0.998	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	2.2861	2.6059	2.0500	2.2367	2.2844	1.9412	1.9441	-----	2.19	11.42	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	2.7585	3.2428	2.5816	2.6749	2.7063	2.2785	2.8428	-----	2.73	11.45	0.999	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.7625	3.0219	2.4999	2.6555	2.7360	2.3399	2.5742	-----	2.66	11.57	0.999	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	2.3518	2.5144	2.1500	2.2999	2.3320	1.8994	2.0784	-----	2.23	11.67	0.998	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	2.2452	2.4616	2.0182	2.1833	2.2417	1.9398	2.2088	-----	2.19	11.97	0.999	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	Avg	0.1679	0.1642	0.1285	0.1706	0.1892	0.1905	-----	-----	0.169	12.58	1.00	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.2389	0.2217	0.2168	0.2263	0.2371	0.2094	-----	-----	0.225	13.28	0.999	1.00	5.1	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	0.7008	0.7867	0.6556	0.6903	0.7316	0.6542	-----	-----	0.703	13.17	0.999	1.00	7.1	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.7149	0.8161	0.6513	0.6655	0.7154	0.6318	-----	-----	0.699	13.53	0.999	1.00	9.5	20.00	5.00	10.00	50.00	100.0	500.0		
Naphthalene	1	0	Avg	2.4340	2.6872	2.0596	2.2860	2.4396	2.1811	2.0958	-----	2.31	13.36	0.999	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.87

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

9900

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M06085.	CAL @ 20 PPB	06/01/06 08:24	2	6M06087.	CAL @ 5 PPB	06/01/06 09:12
3	6M06086.	CAL @ 10 PPB	06/01/06 08:48	4	6M06084.	CAL @ 50 PPB	06/01/06 07:59
5	6M06083.	CAL @ 100 PPB	06/01/06 07:36	6	6M06082.	CAL @ 500 PPB	06/01/06 07:11
7	6M06088.	CAL @ 1 PPB	06/01/06 09:36				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dichlorodifluoromethane	1	0	LinF	0.2170	0.0864	0.2163	0.2244	0.2370	0.2638	-----	-----	0.208	1.50	1.00	1.00	30	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	LinF	0.2025	0.1235	0.2003	0.2133	0.2198	0.2349	-----	-----	0.199	1.67	1.00	1.00	20**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	LinF	0.1845	0.1168	0.1704	0.1805	0.1828	-----	-----	-----	0.167	2.10	1.00	1.00	17	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.2191	0.1405	0.2131	0.2260	0.2289	0.2348	-----	-----	0.210	1.78	1.00	1.00	17*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.1346	0.0939	0.1295	0.1389	0.1381	0.1312	-----	-----	0.128	2.20	1.00	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.2942	0.2117	0.2872	0.2937	0.3066	0.2982	-----	-----	0.282	2.48	1.00	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Avg	0.2486	0.2479	0.2446	0.2338	0.2397	0.2250	-----	-----	0.240	3.68	1.00	1.00	3.8	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	Qua	0.0044	0.0013	0.0034	0.0040	0.0033	0.0025	-----	-----	0.00318	2.92	0.994	0.999	35	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.1099	0.0919	0.1012	0.1077	0.1078	0.0979	-----	-----	0.103	4.02	1.00	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.3289	0.2532	0.3082	0.3175	0.3477	0.3334	-----	-----	0.315	3.23	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	Avg	0.1306	0.1208	0.1278	0.1365	0.1342	0.1007	-----	-----	0.125	3.11	0.995	1.00	11	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.6138	0.4892	0.5887	0.6150	0.6572	0.6266	-----	-----	0.598	3.32	1.00	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0272	0.0227	0.0255	0.0277	0.0263	0.0203	-----	-----	0.0250	3.87	0.996	1.00	11	100.0	25.00	50.00	250.0	500.0	2500.		
Di-isopropyl-ether	1	0	Avg	0.9256	0.8441	0.9145	0.9205	0.9418	0.8717	-----	-----	0.903	4.88	1.00	1.00	4.1	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.2873	0.2300	0.2743	0.2893	0.2955	0.2912	-----	-----	0.278	3.06	1.00	1.00	8.8*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.7980	0.7114	0.7999	0.7808	0.7992	0.6979	0.5705	-----	0.737	4.11	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
N-Hexane	1	0	Avg	0.2230	0.1763	0.2208	0.2240	0.2341	0.2267	-----	-----	0.218	4.53	1.00	1.00	9.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethane	1	0	Avg	0.4023	0.3514	0.3899	0.4075	0.4224	0.3919	-----	-----	0.394	4.72	1.00	1.00	6.1**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2049	0.1743	0.1989	0.1967	0.2145	0.1916	-----	-----	0.197	4.09	0.999	1.00	6.9	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.4023	0.3578	0.3833	0.4042	0.4111	0.3603	-----	-----	0.387	5.57	0.999	1.00	6.0	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.2253	0.1989	0.2133	0.2262	0.2286	0.2101	-----	-----	0.217	5.90	1.00	1.00	5.4	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.3236	0.2619	0.3015	0.3243	0.3372	0.3058	-----	-----	0.309	5.56	1.00	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	Avg	0.0030	0.0021	0.0027	0.0032	0.0032	0.0026	-----	-----	0.00285	7.87	0.997	1.00	15	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.3330	0.2925	0.3144	0.3324	0.3346	0.2831	-----	-----	0.315	6.51	0.999	1.00	7.1	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.4366	0.3984	0.4241	0.4456	0.4541	0.4140	-----	-----	0.429	6.05	1.00	1.00	4.8*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2928	0.2931	0.2942	0.2942	0.3032	0.2788	0.2917	-----	0.293	6.26	-1	-1	2.4	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.1965	0.2025	0.1995	0.1942	0.1973	0.1931	0.2032	-----	0.198	6.68	-1	-1	2.0	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.4008	0.3729	0.3898	0.4020	0.3932	0.3352	-----	-----	0.382	6.78	0.999	1.00	6.6	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	Avg	0.1776	0.1519	0.1622	0.1781	0.1749	0.1367	-----	-----	0.164	5.60	0.997	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.3292	0.2754	0.3123	0.3364	0.3426	0.3113	-----	-----	0.318	6.28	1.00	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.2700	0.2240	0.2533	0.2748	0.2791	0.2389	-----	-----	0.257	6.51	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	Avg	0.5959	0.4721	0.5705	0.6205	0.5924	0.5483	-----	-----	0.567	4.88	1.00	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.3188	0.2765	0.3038	0.3437	0.3525	0.3285	-----	-----	0.321	8.01	1.00	1.00	8.6	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.1598	0.1363	0.1423	0.1589	0.1629	0.1362	-----	-----	0.149	7.84	0.998	1.00	8.4	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.2525	0.2332	0.2485	0.2556	0.2533	0.2236	-----	-----	0.244	7.72	0.999	1.00	5.3*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.2161	0.1962	0.2062	0.2219	0.2278	0.1958	-----	-----	0.211	7.50	0.999	1.00	6.4	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	0.8579	0.7659	0.8360	0.8545	0.8531	0.7364	0.6746	-----	0.797	6.76	0.999	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.3215	0.2475	0.2832	0.3387	0.3521	0.3325	-----	-----	0.313	9.45	1.00	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.2401	0.1912	0.2282	0.2448	0.2534	0.2320	-----	-----	0.232	8.30	1.00	1.00	9.4	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.5390	0.4285	0.5054	0.5548	0.5846	0.5467	-----	-----	0.527	8.43	1.00	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.5278	0.4041	0.4819	0.5509	0.5681	0.5380	-----	-----	0.512	8.93	1.00	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,2-Trichloroethane	1	0	Avg	0.3279	0.2934	0.3228	0.3135	0.3208	0.2799	-----	-----	0.310	9.10	0.999	1.00	6.1	20.00	5.00	10.00	50.00	100.0	500.0		

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.41
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0057

Form 6
Initial Calibration

Instrument: GCMS_6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	6M06085.	CAL @ 20 PPB	06/01/06 08:24	2	6M06087.	CAL @ 5 PPB	06/01/06 09:12
3	6M06086.	CAL @ 10 PPB	06/01/06 08:48	4	6M06084.	CAL @ 50 PPB	06/01/06 07:59
5	6M06083.	CAL @ 100 PPB	06/01/06 07:36	6	6M06082.	CAL @ 500 PPB	06/01/06 07:11
7	6M06088.	CAL @ 1 PPB	06/01/06 09:36				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1,2-Dibromoethane	1	0	Avg	0.3917	0.3238	0.3505	0.3827	0.3848	0.3496	-----	-----	0.364	9.54	1.00	1.00	7.3	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.6067	0.5783	0.6045	0.5811	0.5777	0.4625	-----	-----	0.569	9.24	0.998	1.00	9.4	20.00	5.00	10.00	50.00	100.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.5022	0.4314	0.5013	0.4836	0.4894	0.3931	-----	-----	0.467	8.58	0.998	1.00	9.5	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	Avg	0.3892	0.3086	0.3842	0.3883	0.3850	0.3005	-----	-----	0.359	9.31	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.2348	0.2097	0.2185	0.2264	0.2262	0.1896	-----	-----	0.218	9.24	0.999	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	0.9064	0.9045	0.9049	0.8762	0.8958	0.9266	0.8740	-----	0.898	8.69	-1	-1	2.0	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	0.7873	0.7078	0.7627	0.7591	0.7783	0.6733	0.6856	-----	0.736	8.75	0.999	1.00	6.3*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.2842	0.2422	0.2532	0.2907	0.2866	0.2528	-----	-----	0.268	10.02	0.999	1.00	7.9	20.00	5.00	10.00	50.00	100.0	500.0		
Chlorobenzene	1	0	Avg	0.8694	0.8000	0.8292	0.8602	0.8381	0.7368	-----	-----	0.822	9.95	0.999	1.00	5.9**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Lin	0.3483	0.2607	0.3118	0.4099	0.4594	0.4288	-----	-----	0.370	10.61	1.00	1.00	21**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.5546	0.4915	0.5175	0.5356	0.5485	0.4691	0.4070	-----	0.503	10.04	0.999	1.00	10*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	0.8918	0.7928	0.9075	0.9274	0.9333	0.7811	-----	-----	0.872	10.94	0.998	1.00	7.8**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.7555	0.7641	0.7405	0.7748	0.7992	0.8074	0.7618	-----	0.772	10.86	-1	-1	3.1	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	1.7096	1.4970	1.6408	1.7811	1.8419	1.4414	-----	-----	1.65	10.45	0.997	1.00	9.6	20.00	5.00	10.00	50.00	100.0	500.0		
m&p-Xylenes	1	0	Avg	1.0261	0.9796	1.0066	1.0137	1.0514	0.8174	0.8536	-----	0.964	10.13	0.997	1.00	9.4	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.0056	0.9247	0.9752	1.0272	1.0580	0.8397	0.7819	-----	0.945	10.44	0.997	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	Avg	0.3268	0.2746	0.3066	0.3467	0.3454	0.2579	-----	-----	0.310	10.97	0.995	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.1594	1.1419	1.1294	1.1283	1.0990	0.9005	-----	-----	1.09	11.68	0.998	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dichlorobenzene	1	0	Avg	1.1198	1.1314	1.1322	1.1579	1.1407	0.9806	-----	-----	1.11	11.74	0.999	1.00	5.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichlorobenzene	1	0	Avg	1.0961	1.0574	1.1050	1.1016	1.0995	0.9684	-----	-----	1.07	12.02	0.999	1.00	5.0	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	2.6176	2.4671	2.5538	2.6778	2.7429	2.3080	2.3371	-----	2.53	10.73	0.999	1.00	6.6	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	1.2504	1.0675	1.2317	1.2775	1.2718	0.9122	-----	-----	1.17	10.98	0.994	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chlorotoluene	1	0	Avg	1.2513	1.2320	1.2522	1.3164	1.3508	1.0491	-----	-----	1.24	11.12	0.997	1.00	8.4	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.3139	1.2925	1.3171	1.3880	1.4434	1.0783	-----	-----	1.31	11.19	0.995	1.00	9.6	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	3.3164	3.1136	3.2987	3.3656	3.4268	2.8784	3.0815	-----	3.21	11.04	0.998	1.00	6.0	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.6427	1.5638	1.6376	1.6611	1.6619	1.3017	-----	-----	1.58	10.97	0.997	1.00	8.9	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	2.2805	2.0810	2.2426	2.2746	2.2966	1.9100	1.9839	-----	2.15	11.16	0.998	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	1.9254	1.7376	1.8867	1.9455	1.9409	1.6466	1.5830	-----	1.81	11.42	0.999	1.00	8.4	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	2.3032	2.1556	2.2936	2.3238	2.3331	1.9404	2.2036	-----	2.22	11.45	0.998	1.00	6.3	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.3324	2.1856	2.3396	2.3535	2.4451	2.0954	2.0838	-----	2.26	11.57	0.999	1.00	6.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	1.9850	1.7840	1.9343	1.9834	1.9729	1.5565	1.7999	-----	1.86	11.67	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.9203	1.8096	1.9092	1.9534	1.9999	1.7407	1.7397	-----	1.87	11.97	0.999	1.00	5.6	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	LinF	0.1365	0.0917	0.1247	0.1498	0.1648	0.1534	-----	-----	0.137	12.58	1.00	1.00	19	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.1808	0.1410	0.1738	0.1782	0.1975	0.1809	-----	-----	0.175	13.28	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	0.6102	0.5567	0.6056	0.6087	0.6664	0.5691	-----	-----	0.603	13.17	0.999	1.00	6.4	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.5925	0.5420	0.5709	0.5857	0.6595	0.5445	-----	-----	0.583	13.53	0.998	1.00	7.4	20.00	5.00	10.00	50.00	100.0	500.0		
Naphthalene	1	0	Avg	2.0014	1.8173	2.0192	2.0790	2.3041	1.8146	1.8635	-----	1.99	13.36	0.997	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.41

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

8900

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M06016.D **Instrument:** GCMS_6

Cont Calibration Date/Time 5/30/06 12:58:00 PM **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.09	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.50	16.84	20			0.455	0.383	15.80	
Chloromethane	1	0	CP	1.68	17.10	20	0.1		0.320	0.273	14.50	
Bromomethane	1	0		2.09	14.23	20			0.288	0.205	28.85	
Vinyl Chloride	1	0	CC	1.77	17.32	20	20		0.340	0.294	13.40	
Chloroethane	1	0		2.20	19.02	20			0.184	0.175	4.90	
Trichlorofluoromethane	1	0		2.47	16.12	20			0.490	0.395	19.40	
Methylene Chloride	1	0		3.67	19.12	20			0.307	0.293	4.40	
Acrolein	1	0		2.92	18.38	100			0.025	0.005	81.62	
Acrylonitrile	1	0		4.01	19.67	20			0.125	0.123	1.65	
Iodomethane	1	0		3.22	16.44	20			0.450	0.370	17.80	
Acetone	1	0		3.10	124.87	100			0.184	0.230	24.87	
Carbon Disulfide	1	0		3.31	14.87	20			0.834	0.620	25.65	
t-Butyl Alcohol	1	0		3.88	90.65	100			0.040	0.036	9.35	
Di-isopropyl-ether	1	0		4.87	18.82	20			1.100	1.035	5.90	
1,1-Dichloroethene	1	0	CC	3.05	16.27	20	20		0.431	0.351	18.65	
Methyl-t-butyl ether	1	0		4.11	17.86	20			1.065	0.951	10.70	
N-Hexane	1	0		4.53	22.77	20			0.228	0.259	13.85	
1,1-Dichloroethane	1	0	CP	4.71	17.92	20	0.1		0.518	0.464	10.40	
trans-1,2-Dichloroethene	1	0		4.09	18.07	20			0.256	0.232	9.65	
cis-1,2-Dichloroethene	1	0		5.57	18.20	20			0.507	0.461	9.00	
Bromochloromethane	1	0		5.90	18.46	20			0.272	0.251	7.70	
2,2-Dichloropropane	1	0		5.57	21.93	20			0.341	0.374	9.65	
1,4-Dioxane	1	0		7.87	937.32	1000			0.004	0.003	6.27	
1,1-Dichloropropene	1	0		6.50	18.52	20			0.403	0.373	7.40	
Chloroform	1	0	CC	6.04	17.38	20	20		0.587	0.510	13.10	
Dibromofluoromethane	1	0	S	6.25	27.00	30			0.333	0.300	10.00	
1,2-Dichloroethane-d4	1	0	S	6.68	26.10	30			0.241	0.210	13.00	
1,2-Dichloroethane	1	0		6.77	15.83	20			0.604	0.478	20.85	
2-Butanone	1	0		5.59	23.74	20			0.205	0.243	18.70	
1,1,1-Trichloroethane	1	0		6.28	15.85	20			0.484	0.384	20.75	
Carbon Tetrachloride	1	0		6.50	15.67	20			0.388	0.304	21.65	
Vinyl Acetate	1	0		4.87	27.84	20			0.286	0.473	39.20	
Bromodichloromethane	1	0		8.00	15.10	20			0.455	0.344	24.50	
Dibromomethane	1	0		7.84	18.68	20			0.188	0.176	6.60	
1,2-Dichloropropane	1	0	CC	7.71	19.13	20	20		0.281	0.269	4.35	
Trichloroethene	1	0		7.50	17.14	20			0.292	0.250	14.30	
Benzene	1	0		6.76	19.56	20			0.969	0.948	2.20	
Chlorobenzene-d5	1	0	I	9.93	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.44	16.47	20			0.417	0.343	17.65	
2-Chloroethylvinylether	1	0		8.30	18.72	20			0.302	0.283	6.40	
cis-1,3-Dichloropropene	1	0		8.43	19.10	20			0.613	0.586	4.50	
trans-1,3-Dichloropropene	1	0		8.93	17.71	20			0.631	0.558	11.45	
1,1,2-Trichloroethane	1	0		9.10	19.77	20			0.364	0.360	1.15	
1,2-Dibromoethane	1	0		9.54	19.23	20			0.445	0.428	3.85	
1,3-Dichloropropane	1	0		9.24	19.53	20			0.677	0.661	2.35	
4-Methyl-2-Pentanone	1	0		8.58	20.55	20			0.575	0.591	2.75	
2-Hexanone	1	0		9.31	23.64	20			0.438	0.517	18.20	
Tetrachloroethene	1	0		9.24	19.99	20			0.252	0.252	0.05	
Toluene-d8	1	0	S	8.69	31.05	30			0.861	0.891	3.50	
Toluene	1	0	CC	8.75	20.53	20	20		0.851	0.873	2.65	
1,1,1,2-Tetrachloroethane	1	0		10.01	17.43	20			0.346	0.301	12.85	
Chlorobenzene	1	0	CP	9.95	19.63	20	0.3		0.953	0.935	1.85	
1,4-Dichlorobenzene-d4	1	0	I	11.71	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.61	16.46	20	0.1		0.472	0.378	17.70	
Ethylbenzene	1	0	CC	10.03	19.52	20	20		0.547	0.534	2.40	
1,1,2,2-Tetrachloroethane	1	0	CP	10.93	24.67	20	0.3		0.843	1.040	23.35	
Bromofluorobenzene	1	0	S	10.85	30.28	30			0.767	0.775	0.93	
Styrene	1	0		10.45	20.29	20			1.895	1.923	1.45	
m&p-Xylenes	1	0		10.13	42.23	40			1.086	1.147	5.57	
o-Xylene	1	0		10.44	21.50	20			1.058	1.137	7.50	
trans-1,4-Dichloro-2-butene	1	0		10.97	19.49	20			0.380	0.371	2.55	
1,3-Dichlorobenzene	1	0		11.67	20.37	20			1.264	1.287	1.85	
1,4-Dichlorobenzene	1	0		11.73	20.23	20			1.303	1.318	1.15	
1,2-Dichlorobenzene	1	0		12.02	20.29	20			1.234	1.252	1.45	
Isopropylbenzene	1	0		10.72	19.93	20			2.935	2.925	0.35	
1,2,3-Trichloropropane	1	0		10.97	20.68	20			1.402	1.449	3.40	
2-Chlorotoluene	1	0		11.11	19.78	20			1.494	1.478	1.10	
4-Chlorotoluene	1	0		11.19	19.89	20			1.619	1.611	0.55	
n-Propylbenzene	1	0		11.03	20.25	20			3.662	3.708	1.25	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M06016.D **Instrument:** GCMS_6

Cont Calibration Date/Time 5/30/06 12:58:00 PM **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		10.97	19.30	20			1.926	1.858	3.50	
1,3,5-Trimethylbenzene	1	0		11.16	19.15	20			2.639	2.526	4.25	
t-Butylbenzene	1	0		11.41	19.32	20			2.193	2.118	3.40	
1,2,4-Trimethylbenzene	1	0		11.44	19.36	20			2.727	2.640	3.20	
sec-Butylbenzene	1	0		11.58	19.49	20			2.656	2.588	2.55	
4-Isopropyltoluene	1	0		11.66	20.11	20			2.232	2.245	0.55	
n-Butylbenzene	1	0		11.97	19.69	20			2.186	2.152	1.55	
1,2-Dibromo-3-Chloropropane	1	0		12.57	19.99	20			0.169	0.168	0.05	
Hexachlorobutadiene	1	0		13.27	17.80	20			0.225	0.200	11.00	
1,2,4-Trichlorobenzene	1	0		13.16	20.10	20			0.703	0.707	0.50	
1,2,3-Trichlorobenzene	1	0		13.52	19.02	20			0.699	0.665	4.90	
Naphthalene	1	0		13.35	20.73	20			2.312	2.396	3.65	
1,2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	

0060

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M06203.D **Instrument:** GCMS_6

Cont Calibration Date/Time 6/5/06 8:41:00 AM **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.10	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.50	22.19	20			0.208	0.291	10.95	
Chloromethane	1	0	CP	1.68	20.93	20	0.1		0.199	0.245	4.65	
Bromomethane	1	0		2.11	19.11	20			0.167	0.174	4.45	
Vinyl Chloride	1	0	CC	1.79	22.79	20	20		0.210	0.240	13.95	
Chloroethane	1	0		2.21	21.03	20			0.128	0.134	5.15	
Trichlorofluoromethane	1	0		2.48	20.30	20			0.282	0.286	1.50	
Methylene Chloride	1	0		3.69	20.06	20			0.240	0.241	0.30	
Acrolein	1	0		2.93	128.52	100			0.003	0.005	28.52	
Acrylonitrile	1	0		4.03	21.56	20			0.103	0.111	7.80	
Iodomethane	1	0		3.25	18.96	20			0.315	0.298	5.20	
Acetone	1	0		3.12	124.92	100			0.125	0.156	24.92	
Carbon Disulfide	1	0		3.33	16.57	20			0.598	0.496	17.15	
t-Butyl Alcohol	1	0		3.89	109.92	100			0.025	0.027	9.92	
Di-isopropyl-ether	1	0		4.89	20.16	20			0.903	0.910	0.80	
1,1-Dichloroethene	1	0	CC	3.07	18.48	20	20		0.278	0.257	7.60	
Methyl-t-butyl ether	1	0		4.12	21.70	20			0.737	0.800	8.50	
N-Hexane	1	0		4.56	12.71	20			0.218	0.138	36.45	
1,1-Dichloroethane	1	0	CP	4.73	19.59	20	0.1		0.394	0.386	2.05	
trans-1,2-Dichloroethene	1	0		4.11	18.92	20			0.197	0.186	5.40	
cis-1,2-Dichloroethene	1	0		5.59	18.10	20			0.387	0.350	9.50	
Bromochloromethane	1	0		5.92	20.54	20			0.217	0.223	2.70	
2,2-Dichloropropane	1	0		5.58	6.19	20			0.309	0.096	69.05	
1,4-Dioxane	1	0		7.88	109.76	1000			0.003	0.003	10.98	
1,1-Dichloropropene	1	0		6.52	18.69	20			0.315	0.294	6.55	
Chloroform	1	0	CC	6.06	19.36	20	20		0.429	0.415	3.20	
Dibromofluoromethane	1	0	S	6.28	30.04	30			0.293	0.293	0.13	
1,2-Dichloroethane-d4	1	0	S	6.69	29.23	30			0.198	0.193	2.57	
1,2-Dichloroethane	1	0		6.79	20.53	20			0.382	0.392	2.65	
2-Butanone	1	0		5.62	22.95	20			0.164	0.188	14.75	
1,1,1-Trichloroethane	1	0		6.29	18.18	20			0.318	0.289	9.10	
Carbon Tetrachloride	1	0		6.52	18.02	20			0.257	0.231	9.90	
Vinyl Acetate	1	0		4.89	15.21	20			0.567	0.431	23.95	
Bromodichloromethane	1	0		8.02	19.36	20			0.321	0.310	3.20	
Dibromomethane	1	0		7.85	20.84	20			0.149	0.156	4.20	
1,2-Dichloropropane	1	0	CC	7.73	20.42	20	20		0.244	0.250	2.10	
Trichloroethene	1	0		7.51	23.76	20			0.211	0.250	18.80	
Benzene	1	0		6.77	20.23	20			0.797	0.806	1.15	
Chlorobenzene-d5	1	0	I	9.94	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.46	19.65	20			0.313	0.307	1.75	
2-Chloroethylvinylether	1	0		8.31	24.73	20			0.232	0.286	23.65	
cis-1,3-Dichloropropene	1	0		8.44	16.68	20			0.527	0.439	16.60	
trans-1,3-Dichloropropene	1	0		8.95	16.12	20			0.512	0.413	19.40	
1,1,2-Trichloroethane	1	0		9.11	21.46	20			0.310	0.332	7.30	
1,2-Dibromoethane	1	0		9.55	21.02	20			0.364	0.382	5.10	
1,3-Dichloropropane	1	0		9.25	21.78	20			0.569	0.619	8.90	
4-Methyl-2-Pentanone	1	0		8.59	23.21	20			0.467	0.542	16.05	
2-Hexanone	1	0		9.32	23.67	20			0.359	0.425	18.35	
Tetrachloroethene	1	0		9.25	18.15	20			0.218	0.197	9.25	
Toluene-d8	1	0	S	8.70	30.04	30			0.898	0.900	0.13	
Toluene	1	0	CC	8.76	19.70	20	20		0.736	0.725	1.50	
1,1,1,2-Tetrachloroethane	1	0		10.02	19.86	20			0.268	0.266	0.70	
Chlorobenzene	1	0	CP	9.96	20.00	20	0.3		0.822	0.822	0.00	
1,4-Dichlorobenzene-d4	1	0	I	11.73	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.62	18.36	20	0.1		0.370	0.371	8.20	
Ethylbenzene	1	0	CC	10.05	17.93	20	20		0.503	0.451	10.35	
1,1,2,2-Tetrachloroethane	1	0	CP	10.95	14.32	20	0.3		0.872	0.625	28.40	
Bromofluorobenzene	1	0	S	10.86	29.40	30			0.772	0.756	2.00	
Styrene	1	0		10.46	20.71	20			1.652	1.711	3.55	
m&p-Xylenes	1	0		10.14	40.09	40			0.964	0.966	0.23	
o-Xylene	1	0		10.45	20.90	20			0.945	0.987	4.50	
trans-1,4-Dichloro-2-butene	1	0		10.98	15.01	20			0.310	0.232	24.95	
1,3-Dichlorobenzene	1	0		11.68	18.91	20			1.093	1.034	5.45	
1,4-Dichlorobenzene	1	0		11.74	19.50	20			1.110	1.083	2.50	
1,2-Dichlorobenzene	1	0		12.03	19.41	20			1.071	1.040	2.95	
Isopropylbenzene	1	0		10.74	19.45	20			2.529	2.459	2.75	
1,2,3-Trichloropropane	1	0		10.98	20.72	20			1.169	1.211	3.60	
2-Chlorotoluene	1	0		11.12	19.52	20			1.242	1.212	2.40	
4-Chlorotoluene	1	0		11.20	20.17	20			1.306	1.317	0.85	
n-Propylbenzene	1	0		11.04	18.90	20			3.212	3.035	5.50	

CC - Continuing Calibration Check Compound *CP - System Performance Check Compound* *I - Internal Standard*

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 6M06203.D **Instrument:** GCMS_6

Cont Calibration Date/Time 6/5/06 8:41:00 AM **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		10.98	20.85	20			1.578	1.645	4.25	
1,3,5-Trimethylbenzene	1	0		11.17	19.49	20			2.153	2.098	2.55	
t-Butylbenzene	1	0		11.42	19.08	20			1.809	1.726	4.60	
1,2,4-Trimethylbenzene	1	0		11.46	19.33	20			2.222	2.148	3.35	
sec-Butylbenzene	1	0		11.59	18.32	20			2.262	2.072	8.40	
4-Isopropyltoluene	1	0		11.67	18.22	20			1.859	1.694	8.90	
n-Butylbenzene	1	0		11.98	17.34	20			1.868	1.620	13.30	
1,2-Dibromo-3-Chloropropane	1	0		12.58	17.93	20			0.137	0.138	10.35	
Hexachlorobutadiene	1	0		13.28	13.41	20			0.175	0.118	32.95	
1,2,4-Trichlorobenzene	1	0		13.17	17.34	20			0.603	0.523	13.30	
1,2,3-Trichlorobenzene	1	0		13.53	18.03	20			0.583	0.525	9.85	
Naphthalene	1	0		13.36	20.43	20			1.986	2.028	2.15	
1,2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M05067.D

Analysis Date/Time: 05/02/06 07:43

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	239783	7.09	184107	9.93	96507	11.72						
Eval File Area Limit:	119892-479566		92054-368214		48254-193014							
Eval File Rt Limit:	6.59-7.59		9.43-10.43		11.22-12.22							

Data File	Sample#						
6M05064	CAL @ 500 P	255622	7.09	188100	9.93	97539	11.72
6M05065	CAL @ 100 P	253785	7.09	193591	9.93	99743	11.72
6M05066	CAL @ 50 PP	251575	7.09	190435	9.93	100589	11.72
6M05067	CAL @ 20 PP	239783	7.09	184107	9.93	96507	11.72
6M05068	CAL @ 10 PP	232194	7.09	178211	9.93	93843	11.72
6M05069	CAL @ 5 PPB	224015	7.09	167849	9.93	89361	11.72
6M05070	CAL @ 1 PPB	210994	7.09	160634	9.93	84655	11.72
6M05071	DAILY BLANK	214550	7.09	161711	9.93	81767	11.72
6M05072	DAILY BLANK	212460	7.09	154583	9.93	74093	11.72
6M05073	AC23155-003	212472	7.09	158893	9.93	84845	11.72
6M05074	AC23155-004	209613	7.09	155783	9.93	81520	11.72
6M05075	MBS3443	205137	7.10	154143	9.95	83498	11.74
6M05076	AC23148-007	218475	7.10	169182	9.93	85334	11.72
6M05077	AC23148-009	231086	7.10	172115	9.93	88565	11.72
6M05078	AC23148-011	232819	7.10	174973	9.93	90896	11.72
6M05079	AC23148-013	229501	7.10	171843	9.94	92491	11.72
6M05080	AC23158-001	235249	7.09	171339	9.93	87046	11.73
6M05081	AC23158-002	238846	7.09	177173	9.94	88479	11.73
6M05082	AC23159-001	241474	7.09	180648	9.94	86440	11.73
6M05083	AC23147-002	250440	7.10	181659	9.94	89102	11.73
6M05084	AC23195-001	249536	7.10	182315	9.94	88702	11.73
6M05085	AC23195-002	251670	7.10	186129	9.94	89081	11.73
6M05086	AC23108-003	258582	7.10	186942	9.94	95692	11.73
6M05087	AC23158-003	259594	7.10	186344	9.94	121265	11.73
6M05088	AC23008-001	270943	7.10	194244	9.94	100770	11.73
6M05089	AC23189-006(	265694	7.10	200523	9.94	109579	11.73
6M05090	AC23227-001(	269273	7.10	204918	9.94	107104	11.73
6M05091	AC23227-001(	258189	7.11	196604	9.95	105361	11.74
6M05092	MBS3447	254948	7.10	195922	9.94	104971	11.73
6M05093	AC23229-015(	246677	7.10	188405	9.94	101198	11.73
6M05094	AC23229-015(	242056	7.10	185170	9.94	101251	11.73
6M05100	BLK	220582	7.10	168805	9.94	86396	11.73
6M05102	BLK	208701	7.10	158699	9.94	82857	11.73
6M05104	BLK	204431	7.11	154170	9.94	81553	11.73
6M05105	BLK	206941	7.10	151575	9.94	72660	11.73
6M05112	BLK	204310	7.11	155308	9.94	79683	11.73
6M05113	BLK	198123	7.11	146869	9.94	77546	11.73
6M05114	BLK	192752	7.11	148512	9.94	77380	11.73
6M05115	BLK	200376	7.11	148600	9.94	72285	11.74

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M06016.D

Analysis Date/Time: 05/30/06 12:58

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	287650	7.09	210635	9.93	107957	11.71						
Eval File Area Limit:	143825-575300		105318-421270		53978-215914							
Eval File Rt Limit:	6.59-7.59		9.43-10.43		11.21-12.21							

Data File	Sample#						
6M06017	DAILY BLANK	258631	7.08	186539	9.93	99277	11.72
6M06018	DAILY BLANK	248238	7.08	180216	9.93	86175	11.71
6M06019	AC23703-014	256727	7.08	179478	9.93	85382	11.72
6M06020	AC23703-001	254970	7.09	181739	9.93	85431	11.72
6M06021	AC23703-002	251723	7.09	177275	9.93	83879	11.72
6M06022	AC23703-003	254470	7.09	180530	9.93	85901	11.72
6M06023	AC23703-004	254758	7.09	177102	9.93	84030	11.72
6M06024	AC23703-005	250573	7.09	176416	9.93	83859	11.72
6M06025	AC23703-006	251741	7.09	178949	9.93	84050	11.72
6M06026	AC23703-007	256664	7.09	175726	9.93	84622	11.72
6M06027	AC23703-008	252377	7.09	176914	9.93	84085	11.72
6M06028	AC23703-009	257493	7.09	178905	9.93	85125	11.72
6M06029	AC23703-010	252556	7.09	178929	9.93	83546	11.72
6M06030	MBS3567	257142	7.09	182836	9.93	86726	11.72
6M06031	AC23695-014	259708	7.09	178186	9.93	85820	11.72
6M06032	AC23695-015	254217	7.09	178095	9.93	83573	11.72
6M06033	AC23695-016	251284	7.09	172839	9.93	85089	11.72
6M06034	AC23695-017	251768	7.09	178775	9.93	85429	11.72
6M06035	AC23703-010(	261100	7.09	182379	9.93	87529	11.72
6M06036	AC23703-010(	263316	7.08	185768	9.92	88985	11.71
6M06037	AC23691-001	259718	7.08	181873	9.92	87983	11.72
6M06038	AC23691-002	256224	7.08	179993	9.92	84001	11.71
6M06039	AC23691-003	260530	7.08	178561	9.93	85122	11.72
6M06040	AC23705-005	250619	7.09	180078	9.93	94013	11.72
6M06041	AC23695-018	236858	7.09	171058	9.93	89471	11.72
6M06042	AC23619-005	244469	7.09	172570	9.93	85633	11.72
6M06043	MBS3568	244810	7.09	177156	9.93	91914	11.72
6M06044	AC23609-003(	237403	7.09	175187	9.93	93611	11.72
6M06045	AC23609-003(	232638	7.09	171852	9.93	89969	11.72
6M06075	BLK	202783	7.09	148921	9.93	76880	11.71
6M06076	BLK	202450	7.09	145476	9.93	75313	11.72

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M06085.D

Analysis Date/Time: 06/01/06 08:24

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	289179	7.09	206322	9.93	109747	11.72						
Eval File Area Limit:	144590-578358		103161-412644		54874-219494							
Eval File Rt Limit:	6.59-7.59		9.43-10.43		11.22-12.22							

Data File	Sample#						
6M06082	CAL @ 500 P	303383	7.09	217410	9.93	107201	11.72
6M06083	CAL @ 100 P	306455	7.09	225456	9.93	109270	11.72
6M06084	CAL @ 50 PP	295447	7.09	219935	9.93	112655	11.72
6M06085	CAL @ 20 PP	289179	7.09	206322	9.93	109747	11.72
6M06086	CAL @ 10 PP	278117	7.09	199280	9.93	104391	11.72
6M06087	CAL @ 5 PPB	268106	7.09	198236	9.93	101529	11.72
6M06088	CAL @ 1 PPB	262101	7.09	194527	9.93	99134	11.72
6M06089	DAILY BLANK	258368	7.10	189383	9.93	96036	11.72
6M06090	DAILY BLANK	259807	7.09	184797	9.93	89689	11.72
6M06092	AC23705-001	254583	7.10	185515	9.94	98641	11.72
6M06093	MBS3572	268111	7.09	190248	9.93	90267	11.72
6M06094	AC23703-004(	267565	7.10	193228	9.94	92564	11.73
6M06095	AC23703-004(	272332	7.09	197760	9.93	96911	11.72
6M06096	AC23754-001	273065	7.09	190446	9.94	90703	11.72
6M06097	AC23754-002	285793	7.09	199174	9.94	95981	11.73
6M06098	AC23754-003	281971	7.10	197756	9.94	96195	11.73
6M06099	AC23754-004	283785	7.10	199903	9.94	98004	11.73
6M06100	EF-1V14501(0	275339	7.10	210623	9.94	106234	11.73
6M06101	AC23733-002(	263023	7.10	197523	9.94	101569	11.72
6M06102	AC23733-003(	259145	7.10	190229	9.94	101303	11.73
6M06103	MBS3573	249407	7.10	187971	9.94	98038	11.73
6M06104	AC23754-006	248418	7.10	187102	9.94	94904	11.73
6M06105	AC23670-002	263815	7.10	185968	9.94	96075	11.73
6M06106	AC23716-003(	260589	7.10	190927	9.94	99204	11.73
6M06107	AC23716-003(	260878	7.10	191242	9.94	100159	11.73
6M06136	BLK	191687	7.09	151036	9.93	76710	11.72

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention *time criteria.*

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 6M06203.D

Analysis Date/Time: 06/05/06 08:41

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	303379	7.10	218718	9.94	110773	11.73						
Eval File Area Limit:	151690-606758		109359-437436		55386-221546							
Eval File Rt Limit:	6.6-7.6		9.44-10.44		11.23-12.23							

Data File	Sample#						
6M06204	DAILY BLANK	289193	7.10	206758	9.93	106700	11.72
6M06205	DAILY BLANK	291143	7.10	204406	9.94	95339	11.73
6M06206	AC23808-005	276528	7.10	203145	9.94	101694	11.73
6M06207	AC23808-001	210323	7.12	155777	9.94	84605	11.73
6M06208	MBS3582	288430	7.10	207136	9.94	103093	11.73
6M06209	AC23808-002(	287134	7.10	206313	9.94	104861	11.73
6M06210	AC23808-006	295104	7.10	220949	9.94	114043	11.73
6M06211	AC23808-003(	310071	7.10	224467	9.94	118557	11.72
6M06212	AC23808-004(	319182	7.10	228381	9.94	117113	11.72
6M06214	AC23791-001	329384	7.10	228666	9.94	109318	11.73
6M06215	AC23791-003	329695	7.10	232962	9.94	109602	11.73
6M06216	AC23808-001(	321305	7.10	233536	9.93	118341	11.72
6M06217	AC23808-002(	308306	7.10	224953	9.94	118396	11.73
6M06218	AC23793-007	295908	7.10	215363	9.94	108789	11.72
6M06219	AC23791-004	310640	7.10	217849	9.94	102017	11.73
6M06220	AC23791-005	322642	7.10	223493	9.94	108493	11.73
6M06221	AC23791-019	320991	7.10	228626	9.94	105639	11.73
6M06222	AC23791-020	329675	7.10	223423	9.94	106436	11.73
6M06223	AC23791-021	325512	7.10	227995	9.94	106282	11.73
6M06224	AC23791-022	325519	7.10	226615	9.94	112012	11.73
6M06225	AC23817-001	335676	7.10	237108	9.94	112831	11.73
6M06226	AC23817-002	339345	7.10	241282	9.94	112202	11.73
6M06227	AC23817-003(	320793	7.10	236408	9.93	127391	11.72
6M06228	AC23827-001	340210	7.10	244205	9.94	121125	11.73
6M06229	AC23824-001	345961	7.10	239001	9.94	120102	11.73
6M06230	MBS3586	338291	7.10	255883	9.94	129834	11.73
6M06231	BLK	325076	7.10	235541	9.94	120386	11.72
6M06232	BLK	317178	7.10	237745	9.94	119323	11.72
6M06233	BLK	311657	7.10	229909	9.94	117945	11.73
6M06234	BLK	294478	7.10	224531	9.93	117311	11.72
6M06235	MBS3587	299586	7.10	222486	9.94	113465	11.72
6M06236	AC23795-001(	288502	7.10	211718	9.94	113761	11.72
6M06237	AC23795-001(	302196	7.10	223802	9.94	113369	11.72
6M06255	BLK	270832	7.10	194808	9.93	93927	11.72
6M06256	BLK	263529	7.10	192040	9.93	95623	11.72
6M06257	BLK	256992	7.10	191625	9.93	99438	11.72
6M06258	BLK	254028	7.10	185270	9.93	93609	11.72

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_6				
	Effective Date:>	3/16/2006				
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,1,1-Trichloroethane		0.43458				
1,1,2,2-Tetrachloroethane		0.37374				
1,1,2-Trichloroethane		0.24877				
1,1-Dichloroethane		0.28326				
1,1-Dichloroethene		0.40086				
1,2-Dichloroethane		0.42064				
1,2-Dichloropropane		0.47619				
2-Butanone		0.92179				
2-Chloroethylvinylether		0.33307				
2-Hexanone		0.57868				
4-Methyl-2-Pentanone		0.55256				
Acetone		2.45076				
Acrolein		5.94856				
Acrylonitrile		0.47102				
Benzene		0.15281				
Bromodichloromethane		0.19947				
Bromoform		0.35813				
Bromomethane		0.61188				
Carbon disulfide		0.62073				
Carbon tetrachloride		0.43738				
Chlorobenzene		0.28574				
Chloroethane		0.59809				
Chloroform		0.24448				
Chloromethane		0.64255				
Cis-1,2-Dichloroethene		0.42239				
Cis-1,3-Dichloropropene		0.45451				
Dibromochloromethane		0.38724				
Ethylbenzene		0.66536				
M&p-Xylenes		0.70633				
Methylene chloride		0.91236				
O-Xylene		0.44612				
Styrene		0.37254				
Tetrachloroethene		0.35209				
Toluene		0.30897				
Trans-1,2-Dichloroethene		0.44103				
Trans-1,3-Dichloropropene		0.22363				
Trichloroethene		0.30532				
Vinyl chloride		0.70518				

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
5M19784	SMB2925	Soil	1		78	76	79	89	97	111
5M19819	AC23817-002	Soil	1		78	75	78	88	95	105
5M19785	SMB2925(MS)	Soil	1		82	84	82	92	99	110
5M19786	AC24023-011(MS:AC	Soil	1		68	70	72	82	82	86
5M19787	AC24023-012(MSD:A	Soil	1		69	70	73	81	91	90

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM 3
Spike Recovery

Batch Number: SMB2925
Mbs Name: SMB2925(MS)
Ns Name: AC24023-001
Ms Name: AC24023-011(MS:
Msd Name: AC24023-012(MS

Mbs File: 5M19785.D
Non Spk'd File: 5M19788.D
Spike File: 5M19786.D
Spike Dup File: 5M19787.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	1	0	200	26	90	35	175.59	0.00	140.10	137.82	88	70	69	1.6
2-Chlorophenol	1	0	200	25	102	50	167.76	0.00	137.75	139.17	84	69	70	1
1,4-Dichlorobenzene	1	0	100	28	104	27	78.71	0.00	65.45	66.05	79	65	66	0.91
N-Nitroso-di-n-propyla	1	0	100	41	126	38	83.58	0.00	67.97	70.53	84	68	71	3.7
1,2,4-Trichlorobenzene	1	0	100	38	107	23	82.34	0.00	73.30	80.25	82	73	80	9.1
4-Chloro-3-methylphen	1	0	200	26	103	33	180.22	0.00	150.09	151.71	90	75	76	1.1
Acenaphthene	1	0	100	31	137	19	71.12	0.00	60.96	60.51	71	61	61	0.74
2,4-Dinitrotoluene	1	0	100	28	89	47	95.91	0.00	78.76	81.78	96 Mo	79	82	3.8
4-Nitrophenol	1	0	200	11	114	50	164.10	0.00	142.39	155.68	82	71	78	8.9
Pentachlorophenol	1	0	200	17	109	47	193.21	0.00	145.84	172.18	97	73	86	17
Pyrene	1	0	100	35	142	36	82.52	0.00	82.76	85.73	83	83	86	3.5

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2925
Blank Data File: 5M19784.D
Matrix: Soil

Blank Analysis Date: 06/16/06 15:51
Blank Extraction Date: 06/16/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23817-002	5M19819.D	06/19/06 08:49
AC24023-012(MS	5M19787.D	06/16/06 16:54
AC24023-011(MS:	5M19786.D	06/16/06 16:33
SMB2925(MS)	5M19785.D	06/16/06 16:12

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19408.D
Instrument: GCMS_5 **Analysis Date:** 06/07/06 07:57

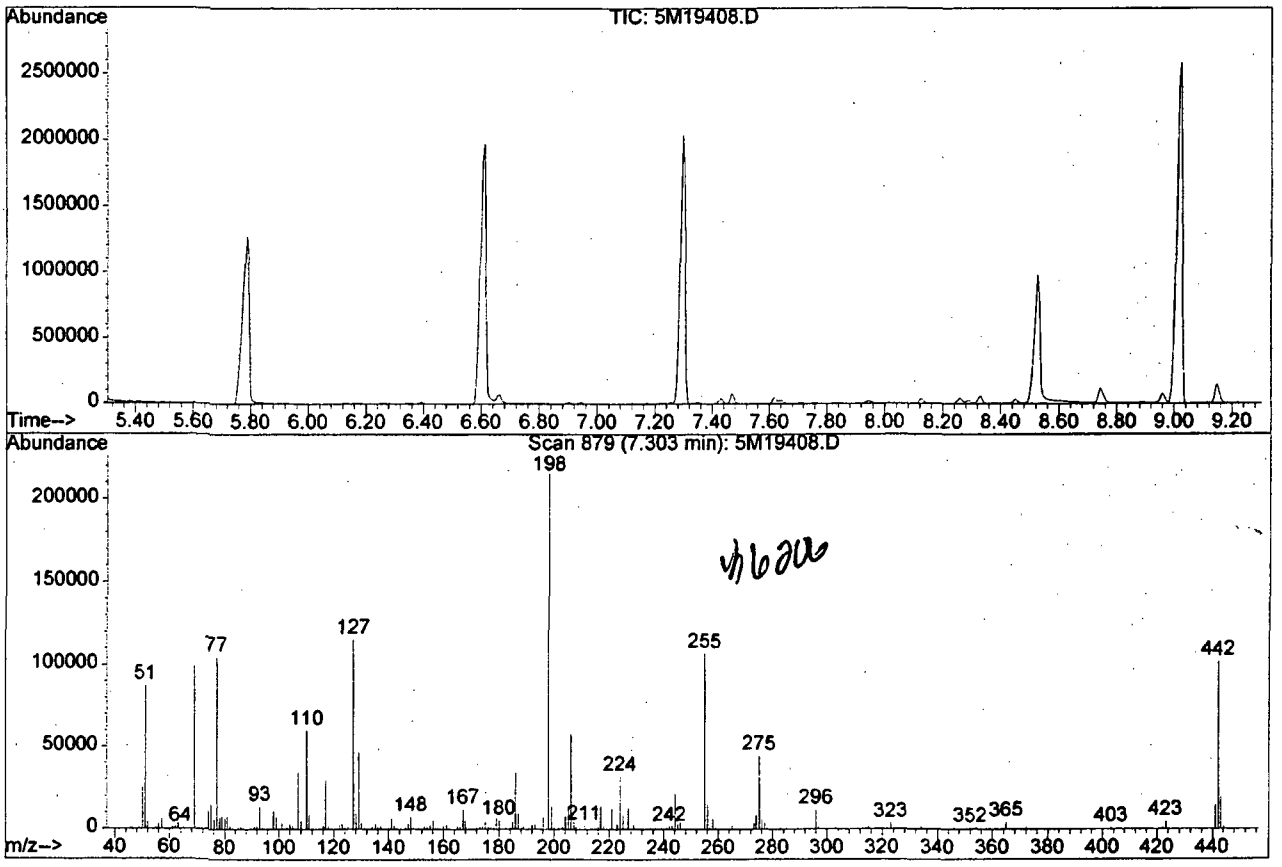
Tune Scan/Time Range: Scan 879

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Data File	Sample Number	Analysis Date:
5M19409.D	CAL BNA@50PPM	06/07/06 09:05
5M19410.D	CAL BNA@50PPM	06/07/06 09:29
5M19411.D	CAL BNA@10PPM	06/07/06 09:51
5M19412.D	CAL BNA@25PPM	06/07/06 10:12
5M19413.D	CAL BNA@80PPM	06/07/06 10:34
5M19414.D	CAL BNA@120PP	06/07/06 10:56
5M19415.D	CAL BNA@160PP	06/07/06 11:39
5M19416.D	CAL BNA@200PP	06/07/06 12:01
5M19417.D	SMB2909(MS)	06/07/06 12:22

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-07-06\5M19408.D Vial: 1
Acq On : 7 Jun 2006 7:57 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 879

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

5M19408.D 5M_0526.M Tue Jun 20 14:07:58 2006 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19767.D
Instrument: GCMS_5 **Analysis Date:** 06/16/06 08:54

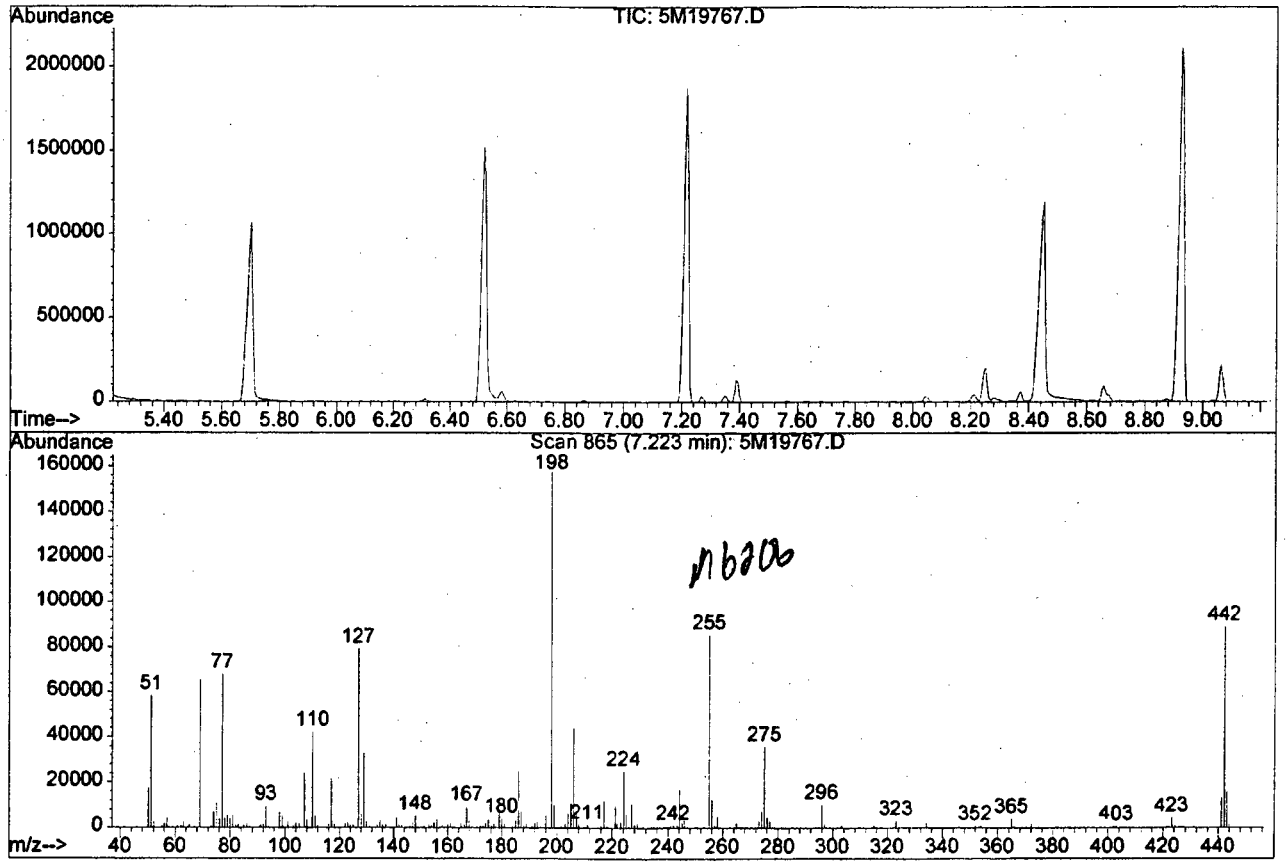
Tune Scan/Time Range: Scan 865

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	37.1	58544	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	41.5	65472	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.3	79392	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	157696	PASS
199	198	5	9	6.5	10190	PASS
275	198	10	30	22.7	35800	PASS
365	198	1	100	2.5	4015	PASS
441	443	0.01	100	84.5	13481	PASS
442	198	40	100	56.5	89152	PASS
443	442	17	23	17.9	15959	PASS

Data File	Sample Number	Analysis Date:
5M19768.D	CAL BNA@50PPM	06/16/06 09:11
5M19769.D	WMB2928	06/16/06 09:33
5M19770.D	WMB2928(MS)	06/16/06 09:54
5M19771.D	AC24019-005	06/16/06 10:15
5M19772.D	AC24019-005(MS)	06/16/06 10:36
5M19773.D	AC24019-005(MS	06/16/06 10:58
5M19774.D	AC24023-010	06/16/06 11:19
5M19775.D	WMB2929(MS)	06/16/06 11:41
5M19776.D	WMB2929	06/16/06 12:51
5M19777.D	SMB2923	06/16/06 13:13
5M19778.D	AC23994-018(MS)	06/16/06 13:34
5M19779.D	AC23994-018(MS	06/16/06 13:55
5M19780.D	AC24024-033	06/16/06 14:17
5M19781.D	AC24035-001	06/16/06 14:38
5M19782.D	AC24024-005	06/16/06 14:59
5M19783.D	AC24024-012	06/16/06 15:21
5M19784.D	SMB2925	06/16/06 15:51
5M19785.D	SMB2925(MS)	06/16/06 16:12
5M19786.D	AC24023-011(MS:	06/16/06 16:33
5M19787.D	AC24023-012(MS	06/16/06 16:54
5M19788.D	AC24023-001	06/16/06 17:16
5M19789.D	AC24044-005	06/16/06 17:37
5M19790.D	AC24035-002	06/16/06 17:59
5M19791.D	AC24035-003	06/16/06 18:20
5M19792.D	AC24035-004	06/16/06 18:42
5M19793.D	AC24035-005	06/16/06 19:04
5M19794.D	AC24035-006	06/16/06 19:25
5M19795.D	AC24024-013	06/16/06 19:46
5M19796.D	AC24024-015	06/16/06 20:07
5M19797.D	AC24024-016	06/16/06 20:29
5M19798.D	AC24024-017	06/16/06 20:50
5M19799.D	AC24038-001	06/16/06 21:11
5M19800.D	AC24039-002	06/16/06 21:32
5M19801.D	AC24039-003	06/16/06 21:53
5M19802.D	AC24042-001	06/16/06 22:14
5M19803.D	AC24021-002	06/16/06 22:35
5M19804.D	AC24028-001	06/16/06 22:56
5M19805.D	AC24028-002	06/16/06 23:17
5M19806.D	AC24033-002	06/16/06 23:38
5M19807.D	AC24033-003	06/16/06 23:59
5M19808.D	AC24033-004	06/17/06 00:20
5M19809.D	AC24033-005	06/17/06 00:41
5M19810.D	AC24021-001(20X)	06/17/06 01:03

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-16-06\5M19767.D Vial: 1
Acq On : 16 Jun 2006 8:54 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 865

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.1	58544	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	41.5	65472	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.3	79392	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	157696	PASS
199	198	5	9	6.5	10190	PASS
275	198	10	30	22.7	35800	PASS
365	198	1	100	2.5	4015	PASS
441	443	0.01	100	84.5	13481	PASS
442	198	40	100	56.5	89152	PASS
443	442	17	23	17.9	15959	PASS

Form 5

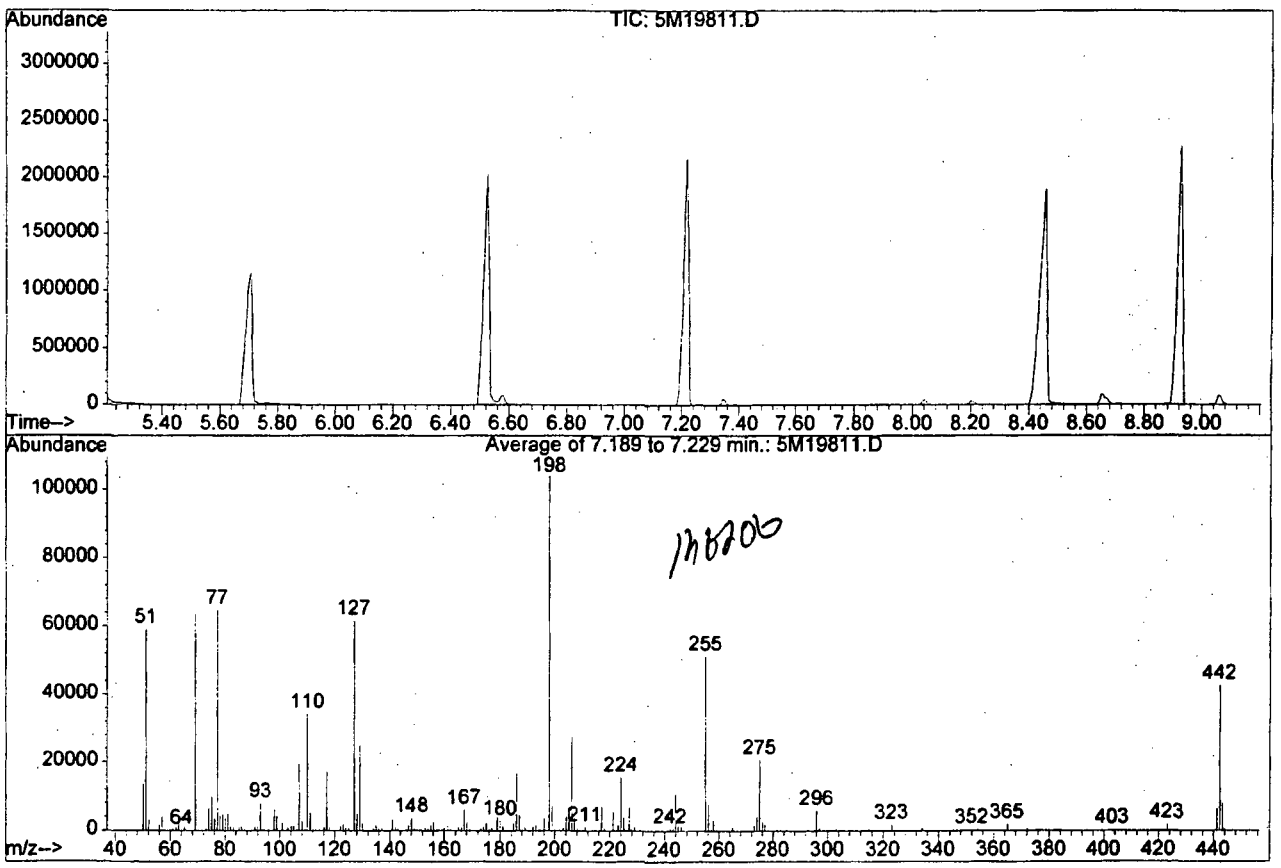
Tune Name: CAL DFTPP **Data File:** 5M19811.D
Instrument: GCMS_5 **Analysis Date:** 06/19/06 05:24
Tune Scan/Time Range: Average of 7.189 to 7.229 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.9	59300	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	61.1	63699	PASS
70	69	0.00	2	0.4	283	PASS
127	198	40	60	59.3	61803	PASS
197	198	0.00	1	0.1	57	PASS
198	198	100	100	100.0	104284	PASS
199	198	5	9	6.9	7172	PASS
275	198	10	30	20.1	20954	PASS
365	198	1	100	1.9	1944	PASS
441	443	0.01	100	77.0	6411	PASS
442	198	40	100	41.1	42909	PASS
443	442	17	23	19.4	8325	PASS

Data File	Sample Number	Analysis Date:
5M19812.D	CAL BNA@50PPM	06/19/06 05:42
5M19813.D	SMB2926	06/19/06 06:37
5M19814.D	WMB2930	06/19/06 06:59
5M19815.D	WMB2930(MS)	06/19/06 07:21
5M19816.D	AC24026-001(MS)	06/19/06 07:43
5M19817.D	AC24026-001(MS	06/19/06 08:05
5M19818.D	AC24026-001	06/19/06 08:27
5M19819.D	AC23817-002	06/19/06 08:49
5M19820.D	AC24024-032	06/19/06 09:11
5M19821.D	AC23993-006	06/19/06 09:32
5M19822.D	AC23993-008	06/19/06 09:54
5M19823.D	AC23993-009	06/19/06 10:15
5M19824.D	AC23993-010	06/19/06 10:37
5M19825.D	AC23993-011	06/19/06 10:59
5M19826.D	AC23993-012	06/19/06 11:20
5M19827.D	AC23994-005	06/19/06 11:41
5M19828.D	AC23994-007	06/19/06 12:03
5M19829.D	AC24023-004	06/19/06 12:25
5M19830.D	SMB2924	06/19/06 12:46
5M19831.D	AC24023-013	06/19/06 13:08
5M19832.D	AC24026-002(T)	06/19/06 13:30
5M19833.D	AC24026-003(T)	06/19/06 13:52
5M19834.D	WMB2931	06/19/06 14:14
5M19835.D	WMB2931(MS)	06/19/06 14:35
5M19836.D	AC24026-004(T)	06/19/06 14:57
5M19837.D	AC24026-005(T)	06/19/06 15:19
5M19838.D	AC24024-022	06/19/06 15:41
5M19839.D	AC24024-023	06/19/06 16:02
5M19840.D	AC24024-024	06/19/06 16:24
5M19841.D	AC24044-005(5X)	06/19/06 16:46
5M19842.D	23988-005(15X)	06/19/06 17:08
5M19843.D	AC24038-001(3X)	06/19/06 17:30
5M19844.D	AC24072-001	06/19/06 17:52
5M19845.D	AC24057-001	06/19/06 18:14
5M19846.D	AC24057-002	06/19/06 18:35
5M19847.D	AC24064-001	06/19/06 18:57
5M19848.D	AC24064-002	06/19/06 19:18
5M19849.D	AC24071-001	06/19/06 19:40
5M19850.D	AC24071-002	06/19/06 20:01
5M19851.D	AC24073-001	06/19/06 20:23
5M19852.D	AC24073-002	06/19/06 20:44

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-19-06\5M19811.D Vial: 1
Acq On : 19 Jun 2006 5:24 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.189 to 7.229 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.9	59300	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	61.1	63699	PASS
70	69	0.00	2	0.4	283	PASS
127	198	40	60	59.3	61803	PASS
197	198	0.00	1	0.1	57	PASS
198	198	100	100	100.0	104284	PASS
199	198	5	9	6.9	7172	PASS
275	198	10	30	20.1	20954	PASS
365	198	1	100	1.9	1944	PASS
441	443	0.01	100	77.0	6411	PASS
442	198	40	100	41.1	42909	PASS
443	442	17	23	19.4	8325	PASS

5M19811.D 5M_0607.M Tue Jun 20 14:08:01 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.5701	1.5042	1.3686	1.5204	1.6285	1.7846	1.7774	----	1.59	1.47	0.996	0.999	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9098	0.7257	0.8089	0.9629	0.9957	0.9676	1.1440	----	0.931	1.43	0.987	0.994	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1884	0.9907	1.0974	1.2574	1.3088	1.3360	1.4831	----	1.24	3.17	0.993	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8056	1.8732	1.8776	1.9893	2.0339	2.0078	1.9359	----	1.93	4.37	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5426	0.4883	0.4913	0.5361	0.5498	0.5523	0.5938	----	0.536	4.39	0.997	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3408	1.2419	1.2854	1.4004	1.3991	1.3886	1.5127	----	1.37	4.46	0.996	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7484	1.5565	1.6398	1.8658	1.9663	1.9523	2.1298	----	1.84	4.41	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.7675	1.6807	1.7012	1.8095	1.8963	1.8626	2.0460	----	1.82	4.42	0.995	0.998	6.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4506	1.3737	1.4402	1.5315	1.5830	1.5475	1.7278	----	1.52	4.48	0.994	0.998	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5111	1.4583	1.4434	1.5241	1.5589	1.5600	1.6369	----	1.53	4.61	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5526	1.4776	1.5413	1.5144	1.5863	1.5884	1.7059	----	1.57	4.69	0.997	0.999	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4566	1.3688	1.4592	1.4667	1.5252	1.5403	1.6531	----	1.50	4.82	0.996	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9212	0.8159	0.9150	1.0340	1.0122	0.9998	1.0621	----	0.966	4.84	0.998	0.999	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.7380	1.6690	1.7399	1.8273	1.8987	1.8734	2.1034	----	1.84	4.97	0.993	0.998	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2860	1.1948	1.3380	1.3528	1.4382	1.4560	1.6707	----	1.39	4.97	0.988	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7219	0.6728	0.7219	0.7560	0.7719	0.7894	0.8018	----	0.748	5.11	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2265	1.1280	1.3021	1.3499	1.3465	1.3463	1.4725	----	1.31	5.07	0.995	0.998	8.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4151	1.2524	1.4058	1.4832	1.6114	1.6342	1.7366	----	1.51	5.10	0.997	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1629	0.1314	0.1532	0.1656	0.1693	0.1654	0.1705	----	0.160	5.18	1.00	1.00	8.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4796	0.4415	0.4691	0.5065	0.4964	0.5078	0.5169	----	0.488	5.20	1.00	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8084	0.7325	0.7388	0.8343	0.8441	0.8457	0.8682	----	0.810	5.40	1.00	1.00	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1937	0.1810	0.1857	0.2098	0.2077	0.2088	0.2233	----	0.201	5.46	0.997	0.999	7.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4240	0.3274	0.3667	0.4338	0.4537	0.4620	0.4914	----	0.423	5.53	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1528	----	0.1483	0.1480	0.1194	0.1337	0.1018	----	0.134	5.66	0.933	0.966	15	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4071	0.3791	0.4017	0.4363	0.4318	0.4347	0.4635	----	0.422	5.59	0.998	0.999	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3038	0.2742	0.2619	0.2966	0.3075	0.3245	0.3533	----	0.303	5.66	0.993	0.999	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3209	0.3147	0.2959	0.3274	0.3361	0.3482	0.3618	----	0.329	5.70	0.998	1.00	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.4348	1.2766	1.3239	1.4618	1.5429	1.6214	1.7607	----	1.49	5.76	0.994	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4214	0.4049	0.4055	0.4314	0.4111	0.4162	0.3807	----	0.410	5.82	0.994	0.998	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1975	0.1833	0.1826	0.1977	0.2021	0.2089	0.2101	----	0.198	5.86	0.999	1.00	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3807	0.3447	0.3561	0.3962	0.4133	0.4248	0.4542	----	0.396	6.21	0.996	1.00	9.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5446	0.5008	0.5294	0.5546	0.5729	0.5954	0.5655	----	0.552	6.41	0.998	0.998	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1785	0.0861	0.1286	0.1981	0.2327	0.2399	0.1845	----	0.178	6.40	0.957	0.974	31**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3759	0.3220	0.3311	0.3850	0.3874	0.4095	0.3860	----	0.371	6.50	0.998	0.998	8.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4004	0.3757	0.3739	0.4270	0.4097	0.4235	0.4074	----	0.403	6.54	0.999	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2350	1.1848	1.1481	1.2469	1.2640	1.2632	1.2219	----	1.22	6.56	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1342	1.0662	1.0693	1.1624	1.1796	1.2384	1.2086	----	1.15	6.63	0.999	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7603	0.7050	0.7072	0.7913	0.7873	0.8415	0.7929	----	0.769	6.70	0.998	0.998	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

LL00

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.5131	0.4682	0.4934	0.5329	0.5321	0.5484	0.5040	----	0.513	6.72	0.996	0.998	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.4938	2.3298	2.3817	2.6417	2.7039	2.8039	2.7122	----	2.58	6.93	0.999	0.999	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3458	1.3414	1.3073	1.4325	1.4314	1.5050	1.5197	----	1.41	6.86	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2929	0.2684	0.2748	0.3116	0.3071	0.3024	0.2884	----	0.292	6.91	0.997	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5193	1.4474	1.4617	1.6021	1.6618	1.7333	1.6957	----	1.59	7.07	0.999	0.999	7.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3427	0.3395	0.3348	0.3586	0.3431	0.3313	0.2725	----	0.332	7.03	0.968	0.994	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1338	----	0.1006	0.1641	0.1688	0.1943	0.1968	----	0.160	7.13	0.996	0.998	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6256	1.5298	1.5384	1.7464	1.7299	1.8202	1.8267	----	1.69	7.20	0.999	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4041	0.3696	0.3975	0.4399	0.4271	0.4250	0.4016	----	0.409	7.22	0.997	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3991	0.3304	0.3638	0.4305	0.4134	0.4387	0.4595	----	0.405	7.20	0.998	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2925	0.2542	0.2524	0.3123	0.3129	0.3271	0.3213	----	0.296	7.32	0.999	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8197	1.6832	1.7143	1.9328	2.0337	2.1974	2.1647	----	1.94	7.48	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6273	0.6326	0.6164	0.6803	0.6972	0.7472	0.7463	----	0.678	7.49	0.998	0.999	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5301	1.4786	1.4444	1.6003	1.5580	1.6235	1.5610	----	1.54	7.42	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3493	0.3054	0.3249	0.3679	0.3314	0.3492	0.3195	----	0.335	7.52	0.994	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1414	----	0.1226	0.1452	0.1532	0.1556	0.1661	----	0.147	7.56	0.998	0.999	10	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5755	0.5216	0.5501	0.5778	0.5968	0.6139	0.6349	----	0.582	7.60	0.999	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0704	0.0654	0.0613	0.0725	0.0765	0.0765	0.0813	----	0.0720	7.69	0.998	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0529	1.0071	1.0006	1.0492	1.0692	1.0760	1.1777	----	1.06	7.63	0.995	0.999	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2073	0.1997	0.1876	0.2104	0.2174	0.2248	0.2291	----	0.211	7.92	0.999	1.00	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1952	0.1843	0.1880	0.1955	0.2046	0.2066	0.2089	----	0.198	7.96	0.999	1.00	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1776	0.1464	0.1463	0.1584	0.1704	0.1679	0.1685	----	0.162	8.20	0.999	0.999	7.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1103	----	0.0791	0.1079	0.1216	0.1295	0.1423	----	0.115	8.16	0.993	0.999	19*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5882	1.4347	1.5213	1.6222	1.7439	1.8489	1.9524	----	1.67	8.35	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6186	1.4906	1.5368	1.6448	1.7309	1.8247	1.9021	----	1.68	8.40	0.997	1.00	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1116	0.9961	1.0380	1.1229	1.1481	1.1953	1.2623	----	1.12	8.58	0.997	1.00	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1746	0.1392	0.1608	0.1743	0.1764	0.1824	0.1844	----	0.170	8.82	1.00	1.00	9.2	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5835	1.4383	1.4567	1.5850	1.6529	1.6883	1.7751	----	1.60	8.98	0.998	1.00	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1492	----	0.1453	0.1615	0.1718	0.1773	0.1738	----	0.163	9.48	0.999	0.999	8.2	10.00		5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8069	1.6091	1.6427	1.8077	1.8917	2.0142	2.1086	----	1.84	9.59	0.996	1.00	9.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.8098	1.7763	1.7623	1.7523	1.8668	1.8542	1.8674	----	1.81	9.83	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1460	0.3898	0.1620	0.1306	0.1701	----	----	----	0.200	9.78	0.936	0.994	54	50.00	10.00	25.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	0.8214	0.8088	0.7967	0.7992	0.8120	0.8056	0.8120	----	0.808	10.06	1.00	1.00	1.0	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0899	0.0867	0.0875	0.1021	0.0956	0.1003	0.0926	----	0.0935	10.26	0.995	0.997	6.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.7194	0.6932	0.6842	0.6876	0.7189	0.7092	0.7355	----	0.707	10.67	0.999	1.00	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.7068	1.5663	1.6589	1.6803	1.7142	1.7646	1.7469	----	1.69	11.23	1.00	1.00	3.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4664	0.4566	0.4597	0.4508	0.4210	0.4129	----	----	0.445	11.24	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0		
Benzo[a]anthracene	1	0	Avg	1.7648	1.7126	1.7209	1.7400	1.7515	1.8152	1.8468	----	1.76	11.23	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6134	1.5586	1.5484	1.5721	1.5431	1.5195	1.5524	----	1.56	11.27	1.00	1.00	1.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9754	0.9391	0.9642	0.9253	0.9525	0.9621	0.9911	----	0.959	11.39	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3949	2.1173	2.2553	2.4050	2.6300	2.8374	3.0899	----	2.53	12.13	0.989	1.00	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2491	2.0364	2.1102	2.2641	2.3365	2.5468	2.7520	----	2.33	12.42	0.992	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

8L00

Form 6

Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.2109	2.1113	2.2096	2.2694	2.3092	2.4341	2.4669	----	2.29	12.46	0.998	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0747	1.9526	2.0188	2.1572	2.1905	2.3574	2.4242	----	2.17	12.75	0.997	1.00	8.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.1651	1.9911	2.0746	2.2593	2.2932	2.3919	2.3922	----	2.22	13.81	0.999	1.00	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7641	1.6378	1.7362	1.8788	1.8574	1.9966	2.0291	----	1.84	13.83	0.998	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8031	1.7376	1.8521	1.9181	1.8215	1.9501	1.8961	----	1.85	14.03	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

6200

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19768.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/16/2006 9:11:00 A **Method:** 8270

0080

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.61	40.00	40				0.000	0.00	
Pyridine	1	0		1.39	45.36	50			1.593	1.446	9.28	
N-Nitrosodimethylamine	1	0		1.37	49.23	50			0.931	0.916	1.54	
2-Fluorophenol	1	0	S	3.03	48.63	50			1.237	1.204	2.74	
Aniline	1	0		4.31	44.54	50			1.932	1.721	10.92	
Pentachloroethane	1	0		4.33	48.70	50			0.536	0.522	2.60	
bis(2-Chloroethyl)ether	1	0		4.41	50.14	50			1.367	1.371	0.28	
Phenol-d5	1	0	S	4.35	48.17	50			1.837	1.770	3.66	
Phenol	1	0	CC	4.36	49.52	50	20		1.823	1.806	0.96	
2-Chlorophenol	1	0		4.42	49.32	50			1.522	1.501	1.36	
1,3-Dichlorobenzene	1	0		4.55	48.65	50			1.528	1.486	2.70	
1,4-Dichlorobenzene	1	0	CC	4.63	49.25	50	20		1.567	1.543	1.50	
1,2-Dichlorobenzene	1	0		4.76	50.59	50			1.496	1.513	1.18	
Benzyl alcohol	1	0		4.79	49.20	50			0.966	0.950	1.60	
bis(2-chloroisopropyl)ether	1	0		4.91	49.33	50			1.836	1.811	1.34	
2-Methylphenol	1	0		4.91	48.30	50			1.391	1.344	3.40	
Hexachloroethane	1	0		5.05	49.92	50			0.748	0.747	0.16	
N-Nitroso-di-n-propylamine	1	0	CP	5.02	49.75	50	0.05		1.310	1.304	0.50	
3&4-Methylphenol	1	0		5.06	46.71	50			1.506	1.406	6.58	
Naphthalene-d8	1	0	I	5.69	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.12	25.15	25			0.160	0.161	0.60	
Nitrobenzene	1	0		5.14	47.72	50			0.488	0.466	4.56	
Isophorone	1	0		5.35	49.54	50			0.810	0.803	0.92	
2-Nitrophenol	1	0	CC	5.41	49.89	50	20		0.201	0.201	0.22	
2,4-Dimethylphenol	1	0		5.48	47.38	50			0.423	0.401	5.24	
Benzoic Acid	1	0		5.62	53.28	50			0.134	0.143	6.56	
bis(2-Chloroethoxy)methane	1	0		5.54	49.62	50			0.422	0.419	0.76	
2,4-Dichlorophenol	1	0	CC	5.61	47.89	50	20		0.303	0.290	4.22	
1,2,4-Trichlorobenzene	1	0		5.65	48.26	50			0.329	0.318	3.48	
Naphthalene	1	0		5.70	48.07	50			1.489	1.431	3.86	
4-Chloroaniline	1	0		5.77	47.68	50			0.410	0.391	4.64	
Hexachlorobutadiene	1	0	CC	5.81	47.32	50	20		0.198	0.187	5.36	
4-Chloro-3-methylphenol	1	0	CC	6.16	47.24	50	20		0.396	0.374	5.52	
2-Methylnaphthalene	1	0		6.23	46.20	50			0.774	0.716	7.60	
Methylnaphthalenes	1	0		6.23	46.20							
Acenaphthene-d10	1	0	I	6.99	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.36	50.74	50			0.552	0.560	1.48	
Hexachlorocyclopentadiene	1	0	CP	6.35	47.52	50	0.05		0.178	0.170	4.96	
2,4,6-Trichlorophenol	1	0	CC	6.45	51.09	50	20		0.371	0.379	2.18	
2,4,5-Trichlorophenol	1	0		6.48	48.30	50			0.403	0.389	3.40	
2-Fluorobiphenyl	1	0	S	6.51	25.93	25			1.223	1.269	3.72	
2-Chloronaphthalene	1	0		6.58	49.83	50			1.151	1.147	0.34	
1,4-Dimethylnaphthalene	1	0		6.82	50.50	50			0.952	0.962	1.00	
Dimethylnaphthalenes	1	0		6.82	50.50							
Diphenyl Ether	1	0		6.65	51.20	50			0.769	0.788	2.40	
2-Nitroaniline	1	0		6.68	49.86	50			0.513	0.512	0.28	
Acenaphthylene	1	0		6.88	50.53	50			2.581	2.608	1.06	
Dimethylphthalate	1	0		6.81	50.10	50			1.412	1.415	0.20	
2,6-Dinitrotoluene	1	0		6.86	50.97	50			0.292	0.298	1.94	
Acenaphthene	1	0	CC	7.01	50.14	50	20		1.589	1.593	0.28	
3-Nitroaniline	1	0		6.98	51.88	50			0.332	0.344	3.76	
2,4-Dinitrophenol	1	0	CP	7.08	44.58	50	0.05		0.160	0.142	10.84	
Dibenzofuran	1	0		7.14	49.02	50			1.688	1.655	1.96	
2,4-Dinitrotoluene	1	0		7.16	51.71	50			0.409	0.423	3.42	
4-Nitrophenol	1	0	CP	7.15	46.92	50	0.05		0.405	0.380	6.16	
2,3,4,6-Tetrachlorophenol	1	0		7.26	46.09	50			0.296	0.273	7.82	
Fluorene	1	0		7.42	48.69	50			1.935	1.884	2.62	
4-Chlorophenyl-phenylether	1	0		7.43	47.28	50			0.678	0.641	5.44	
Diethylphthalate	1	0		7.36	50.12	50			1.542	1.546	0.24	
4-Nitroaniline	1	0		7.47	51.68	50			0.335	0.347	3.36	
Phenanthrene-d10	1	0	I	8.25	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.50	46.10	50			0.147	0.136	7.80	
n-Nitrosodiphenylamine	1	0	CC	7.54	48.67	50	20		0.582	0.566	2.66	
2,4,6-Tribromophenol	1	0	S	7.63	49.97	50			0.072	0.072	0.06	
1,2-Diphenylhydrazine	1	0		7.56	48.80	50			1.062	1.036	2.40	
4-Bromophenyl-phenylether	1	0		7.85	45.53	50			0.211	0.192	8.94	
Hexachlorobenzene	1	0		7.89	48.54	50			0.198	0.192	2.92	
gamma-BHC	1	0		8.13	9.99	10			0.162	0.162	0.10	
Pentachlorophenol	1	0	CC	8.10	41.05	50	20		0.115	0.095	17.90	
Phenanthrene	1	0		8.28	49.04	50			1.673	1.641	1.92	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19768.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/16/2006 9:11:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.33	48.07	50			1.678	1.614	3.86	
Carbazole	1	0		8.51	48.70	50			1.125	1.096	2.60	
Heptachlor	1	0		8.74	9.75	10			0.170	0.166	2.50	
Di-n-butylphthalate	1	0		8.91	49.17	50			1.597	1.571	1.66	
Heptachlor epoxide	1	0		9.40	10.47	10			0.163	0.171	4.70	
Fluoranthene	1	0	CC	9.51	49.33	50	20		1.840	1.815	1.34	
Chrysene-d12	1	0	I	11.16	40.00	40				0.000	0.00	
Pyrene	1	0		9.75	49.09	50			1.813	1.780	1.82	
Benzidine	1	0		9.71	23.74	50			0.200	0.095	52.52	
Terphenyl-d14	1	0	S	9.98	25.18	25			0.808	0.814	0.72	
Endrin	1	0		10.17	11.75	10			0.094	0.110	17.50	
Butylbenzylphthalate	1	0		10.59	51.00	50			0.707	0.721	2.00	
Methoxychlor	1	0		11.14	10.07	10			1.691	1.704	0.70	
3,3'-Dichlorobenzidine	1	0		11.16	55.46	50			0.445	0.493	10.92	
Benzo[a]anthracene	1	0		11.15	50.90	50			1.765	1.796	1.80	
Chrysene	1	0		11.19	51.20	50			1.558	1.596	2.40	
bis(2-Ethylhexyl)phthalate	1	0		11.30	52.18	50			0.959	1.000	4.36	
Perylene-d12	1	0	I	12.72	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.05	50.34	50	20		2.533	2.550	0.68	
Benzo[b]fluoranthene	1	0		12.34	50.61	50			2.328	2.356	1.22	
Benzo[k]fluoranthene	1	0		12.37	50.18	50			2.287	2.296	0.36	
Benzo[a]pyrene	1	0	CC	12.67	50.11	50	20		2.168	2.173	0.22	
Indeno[1,2,3-cd]pyrene	1	0		13.73	49.78	50			2.224	2.214	0.44	
Dibenzo[a,h]anthracene	1	0		13.75	50.28	50			1.843	1.853	0.56	
Benzo[g,h,i]perylene	1	0		13.95	50.81	50			1.854	1.884	1.62	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19812.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/19/2006 5:42:00 A ***Method:*** 8270

0082

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.61	40.00	40				0.000	0.00	
Pyridine	1	0		1.39	42.16	50			1.593	1.343	15.68	
N-Nitrosodimethylamine	1	0		1.36	45.06	50			0.931	0.839	9.88	
2-Fluorophenol	1	0	S	3.03	47.05	50			1.237	1.164	5.90	
Aniline	1	0		4.31	42.16	50			1.932	1.629	15.68	
Pentachloroethane	1	0		4.33	46.36	50			0.536	0.497	7.28	
bis(2-Chloroethyl)ether	1	0		4.40	46.74	50			1.367	1.278	6.52	
Phenol-d5	1	0	S	4.35	47.50	50			1.837	1.745	5.00	
Phenol	1	0	CC	4.36	49.22	50	20		1.823	1.795	1.56	
2-Chlorophenol	1	0		4.42	45.90	50			1.522	1.397	8.20	
1,3-Dichlorobenzene	1	0		4.55	46.78	50			1.528	1.429	6.44	
1,4-Dichlorobenzene	1	0	CC	4.63	46.17	50	20		1.567	1.447	7.66	
1,2-Dichlorobenzene	1	0		4.76	47.19	50			1.496	1.412	5.62	
Benzyl alcohol	1	0		4.79	42.86	50			0.966	0.828	14.28	
bis(2-chloroisopropyl)ether	1	0		4.90	44.56	50			1.836	1.636	10.88	
2-Methylphenol	1	0		4.91	44.28	50			1.391	1.232	11.44	
Hexachloroethane	1	0		5.05	45.62	50			0.748	0.682	8.76	
N-Nitroso-di-n-propylamine	1	0	CP	5.02	45.41	50	0.05		1.310	1.190	9.18	
3&4-Methylphenol	1	0		5.05	43.31	50			1.506	1.304	13.38	
Naphthalene-d8	1	0	I	5.68	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.12	24.28	25			0.160	0.155	2.88	
Nitrobenzene	1	0		5.14	48.04	50			0.488	0.469	3.92	
Isophorone	1	0		5.34	46.79	50			0.810	0.758	6.42	
2-Nitrophenol	1	0	CC	5.40	48.70	50	20		0.201	0.196	2.60	
2,4-Dimethylphenol	1	0		5.48	46.42	50			0.423	0.393	7.16	
Benzoic Acid	1	0		5.62	42.76	50			0.134	0.115	14.48	
bis(2-Chloroethoxy)methane	1	0		5.54	46.43	50			0.422	0.392	7.14	
2,4-Dichlorophenol	1	0	CC	5.61	47.11	50	20		0.303	0.286	5.78	
1,2,4-Trichlorobenzene	1	0		5.65	48.85	50			0.329	0.322	2.30	
Naphthalene	1	0		5.70	46.79	50			1.489	1.393	6.42	
4-Chloroaniline	1	0		5.77	48.36	50			0.410	0.397	3.28	
Hexachlorobutadiene	1	0	CC	5.81	48.69	50	20		0.198	0.192	2.62	
4-Chloro-3-methylphenol	1	0	CC	6.16	45.92	50	20		0.396	0.363	8.16	
2-Methylnaphthalene	1	0		6.23	46.78	50			0.774	0.724	6.44	
Methylnaphthalenes	1	0		6.23	46.78							
Acenaphthene-d10	1	0	I	6.98	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.35	47.53	50			0.552	0.525	4.94	
Hexachlorocyclopentadiene	1	0	CP	6.34	46.29	50	0.05		0.178	0.165	7.42	
2,4,6-Trichlorophenol	1	0	CC	6.45	47.57	50	20		0.371	0.353	4.86	
2,4,5-Trichlorophenol	1	0		6.48	42.72	50			0.403	0.344	14.56	
2-Fluorobiphenyl	1	0	S	6.51	25.29	25			1.223	1.238	1.16	
2-Chloronaphthalene	1	0		6.58	49.30	50			1.151	1.135	1.40	
1,4-Dimethylnaphthalene	1	0		6.82	48.39	50			0.952	0.921	3.22	
Dimethylnaphthalenes	1	0		6.82	48.39							
Diphenyl Ether	1	0		6.65	47.60	50			0.769	0.732	4.80	
2-Nitroaniline	1	0		6.67	50.17	50			0.513	0.515	0.34	
Acenaphthylene	1	0		6.87	47.84	50			2.581	2.469	4.32	
Dimethylphthalate	1	0		6.81	46.99	50			1.412	1.327	6.02	
2,6-Dinitrotoluene	1	0		6.86	49.10	50			0.292	0.287	1.80	
Acenaphthene	1	0	CC	7.01	47.99	50	20		1.589	1.525	4.02	
3-Nitroaniline	1	0		6.98	51.98	50			0.332	0.345	3.96	
2,4-Dinitrophenol	1	0	CP	7.08	41.09	50	0.05		0.160	0.131	17.82	
Dibenzofuran	1	0		7.14	46.25	50			1.688	1.562	7.50	
2,4-Dinitrotoluene	1	0		7.16	49.30	50			0.409	0.404	1.40	
4-Nitrophenol	1	0	CP	7.15	44.06	50	0.05		0.405	0.357	11.88	
2,3,4,6-Tetrachlorophenol	1	0		7.25	44.43	50			0.296	0.263	11.14	
Fluorene	1	0		7.42	46.77	50			1.935	1.810	6.46	
4-Chlorophenyl-phenylether	1	0		7.42	45.40	50			0.678	0.616	9.20	
Diethylphthalate	1	0		7.36	47.80	50			1.542	1.475	4.40	
4-Nitroaniline	1	0		7.47	47.61	50			0.335	0.319	4.78	
Phenanthrene-d10	1	0	I	8.25	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.50	46.37	50			0.147	0.137	7.26	
n-Nitrosodiphenylamine	1	0	CC	7.53	48.76	50	20		0.582	0.567	2.48	
2,4,6-Tribromophenol	1	0	S	7.63	46.95	50			0.072	0.068	6.10	
1,2-Diphenylhydrazine	1	0		7.56	47.74	50			1.062	1.014	4.52	
4-Bromophenyl-phenylether	1	0		7.85	46.67	50			0.211	0.197	6.66	
Hexachlorobenzene	1	0		7.89	47.95	50			0.198	0.190	4.10	
gamma-BHC	1	0		8.13	9.67	10			0.162	0.157	3.30	
Pentachlorophenol	1	0	CC	8.09	40.36	50	20		0.115	0.093	19.28	
Phenanthrene	1	0		8.27	48.03	50			1.673	1.607	3.94	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19812.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/19/2006 5:42:00 A **Method:** 8270

0083

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.33	47.07	50			1.678	1.580	5.86	
Carbazole	1	0		8.50	47.29	50			1.125	1.064	5.42	
Heptachlor	1	0		8.74	9.71	10			0.170	0.165	2.90	
Di-n-butylphthalate	1	0		8.91	48.54	50			1.597	1.550	2.92	
Heptachlor epoxide	1	0		9.40	9.95	10			0.163	0.162	0.50	
Fluoranthene	1	0	CC	9.51	47.28	50	20		1.840	1.740	5.44	
Chrysene-d12	1	0	I	11.15	40.00	40				0.000	0.00	
Pyrene	1	0		9.75	49.33	50			1.813	1.788	1.34	
Benzidine	1	0		9.71	12.34	50			0.200	0.049	75.32	
Terphenyl-d14	1	0	S	9.98	25.23	25			0.808	0.815	0.92	
Endrin	1	0		10.17	11.13	10			0.094	0.104	11.30	
Butylbenzylphthalate	1	0		10.59	49.39	50			0.707	0.698	1.22	
Methoxychlor	1	0		11.14	9.91	10			1.691	1.677	0.90	
3,3'-Dichlorobenzidine	1	0		11.15	54.61	50			0.445	0.486	9.22	
Benzo[a]anthracene	1	0		11.14	50.23	50			1.765	1.773	0.46	
Chrysene	1	0		11.19	49.28	50			1.558	1.536	1.44	
bis(2-Ethylhexyl)phthalate	1	0		11.30	51.19	50			0.959	0.981	2.38	
Perylene-d12	1	0	I	12.72	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.05	51.38	50	20		2.533	2.603	2.76	
Benzo[b]fluoranthene	1	0		12.34	51.20	50			2.328	2.384	2.40	
Benzo[k]fluoranthene	1	0		12.37	47.78	50			2.287	2.186	4.44	
Benzo[a]pyrene	1	0	CC	12.67	50.30	50	20		2.168	2.181	0.60	
Indeno[1,2,3-cd]pyrene	1	0		13.73	49.18	50			2.224	2.188	1.64	
Dibenzo[a,h]anthracene	1	0		13.74	48.90	50			1.843	1.802	2.20	
Benzo[g,h,i]perylene	1	0		13.95	50.14	50			1.854	1.859	0.28	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19410.D

Analysis Date/Time: 06/07/06 09:29

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
Eval File Area Limit:	8745-34980		34166-136666		20398-81590		35113-140452		37184-148736		27538-110154	
Eval File Rt Limit:	4.18-5.18		5.24-6.24		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19410	CAL BNA@50	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
5M19411	CAL BNA@10	28654	4.68	114779	5.74	67538	7.04	118957	8.33	116414	11.24	89556	12.81
5M19412	CAL BNA@25	17071	4.68	72243	5.74	42647	7.04	73319	8.33	73909	11.24	54822	12.81
5M19413	CAL BNA@80	13817	4.68	55442	5.74	33285	7.04	59823	8.33	66030	11.24	46876	12.81
5M19414	CAL BNA@12	14848	4.68	59991	5.74	36895	7.04	62803	8.33	68325	11.24	45301	12.81
5M19415	CAL BNA@16	15548	4.68	60854	5.75	36702	7.04	63560	8.33	71152	11.25	44592	12.81
5M19416	CAL BNA@20	18156	4.68	74558	5.75	50562	7.04	81313	8.33	94705	11.25	57314	12.82
5M19417	SMB2909(MS	5881	4.67	25875	5.74	16203	7.04	30129	8.33	28680	11.23	25157	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19768.D

Analysis Date/Time: 06/16/06 09:11

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	16655	4.61	67740	5.69	38614	6.99	67545	8.25	71991	11.16	51033	12.72
Eval File Area Limit:	8328-33310		33870-135480		19307-77228		33772-135090		35996-143982		25516-102066	
Eval File Rt Limit:	4.11-5.11		5.19-6.19		6.49-7.49		7.75-8.75		10.66-11.66		12.22-13.22	

Data File	Sample#											
5M19769	WMB2928	14597	4.61	57127	5.69	32872	6.98	55121	8.25	49063	11.15	38129	12.72
5M19770	WMB2928(MS	16244	4.61	61384	5.69	34123	6.99	63292	8.25	65748	11.16	43922	12.72
5M19771	AC24019-005	15620	4.61	66161	5.69	35308	6.98	62207	8.25	57134	11.15	44528	12.72
5M19772	AC24019-005(	14945	4.61	65848	5.69	36934	6.99	69418	8.26	62761	11.16	46915	12.73
5M19773	AC24019-005(	13464	4.61	55387	5.69	30061	6.98	54220	8.25	51049	11.16	41005	12.73
5M19774	AC24023-010	10661	4.61	41543	5.69	25584	6.98	44589	8.25	41087	11.15	32805	12.72
5M19775	WMB2929(MS	14470	4.61	55670	5.69	31154	6.98	55763	8.25	55804	11.15	39604	12.72
5M19776	WMB2929	10087	4.61	38674	5.69	22264	6.99	38635	8.25	36224	11.15	28086	12.72
5M19777	SMB2923	10763	4.61	42556	5.69	24639	6.98	41925	8.25	38855	11.15	30593	12.72
5M19778	AC23994-018(	13772	4.61	68827	5.69	55621	7.01	78882	8.29	55343	11.16	42528	12.72
5M19779	AC23994-018(	12787	4.61	54666	5.69	42539	7.00	58084	8.27	45677	11.15	34190	12.72
5M19780	AC24024-033	9694	4.61	36311	5.69	21033	6.98	35252	8.25	32251	11.15	24636	12.72
5M19781	AC24035-001	10987	4.61	43887	5.69	25789	6.98	43479	8.25	39618	11.15	29089	12.72
5M19782	AC24024-005	14843	4.61	58371	5.69	32709	6.98	54751	8.25	51499	11.15	39778	12.72
5M19783	AC24024-012	13418	4.61	53166	5.69	30895	6.98	52341	8.25	48487	11.15	38155	12.72
5M19784	SMB2925	11745	4.61	44947	5.69	26641	6.99	43882	8.25	38590	11.15	30864	12.72
5M19785	SMB2925(MS	12890	4.61	53231	5.69	30437	6.98	53120	8.25	48440	11.15	38641	12.72
5M19786	AC24023-011(	10769	4.61	40812	5.69	23018	6.98	40212	8.25	37303	11.15	28957	12.72
5M19787	AC24023-012(	11255	4.61	43074	5.69	24950	6.98	42552	8.25	38571	11.15	29083	12.72
5M19788	AC24023-001	12296	4.61	50969	5.69	29894	6.98	51714	8.25	47477	11.15	36273	12.72
5M19789	AC24044-005	14823	4.62	68611	5.69	36568	6.98	64974	8.25	56450	11.15	45306	12.72
5M19790	AC24035-002	11249	4.61	43583	5.69	25333	6.98	42284	8.25	37910	11.15	29334	12.72
5M19791	AC24035-003	8292	4.61	33993	5.69	20001	6.98	34004	8.25	29382	11.15	22014	12.72
5M19792	AC24035-004	10600	4.61	41244	5.69	25039	6.98	43295	8.25	39402	11.15	31383	12.72
5M19793	AC24035-005	11676	4.61	45124	5.69	26166	6.98	45731	8.25	41516	11.15	33091	12.72
5M19794	AC24035-006	13828	4.61	52860	5.69	30948	6.98	52788	8.25	48265	11.15	37061	12.72
5M19795	AC24024-013	13232	4.61	54525	5.69	33697	6.98	57269	8.25	52646	11.15	40181	12.72
5M19796	AC24024-015	11306	4.61	43906	5.68	25686	6.98	44125	8.25	40617	11.15	31703	12.72
5M19797	AC24024-016	11074	4.61	44705	5.68	25119	6.98	44376	8.25	40832	11.15	31416	12.72
5M19798	AC24024-017	10611	4.61	40960	5.69	23604	6.98	40011	8.25	36329	11.15	29130	12.72

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19812.D

Analysis Date/Time: 06/19/06 05:42

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	22114	4.61	85068	5.68	50248	6.98	86107	8.25	88643	11.15	59554	12.72
Eval File Area Limit:	11057-44228		42534-170136		25124-100496		43054-172214		44322-177286		29777-119108	
Eval File Rt Limit:	4.11-5.11		5.18-6.18		6.48-7.48		7.75-8.75		10.65-11.65		12.22-13.22	

Data File	Sample#											
5M19813	SMB2926	15496	4.61	65093	5.69	37276	6.98	63593	8.25	56831	11.15	43226	12.72
5M19814	WMB2930	14041	4.61	56275	5.68	34310	6.98	61231	8.25	58536	11.15	47289	12.72
5M19815	WMB2930(MS	13242	4.61	51019	5.68	29176	6.98	52994	8.25	55641	11.15	38348	12.72
5M19816	AC24026-001(	13734	4.61	53414	5.68	31950	6.98	56193	8.25	60869	11.15	42088	12.72
5M19817	AC24026-001(	13568	4.61	52705	5.69	31152	6.98	55045	8.25	58058	11.15	39335	12.72
5M19818	AC24026-001	13650	4.61	52075	5.68	31596	6.98	54590	8.25	53259	11.15	43653	12.72
5M19819	AC23817-002	19272	4.61	75338	5.68	43817	6.98	72285	8.25	61634	11.15	42721	12.72
5M19820	AC24024-032	17322	4.61	67615	5.68	39156	6.98	65374	8.25	56600	11.15	44983	12.72
5M19821	AC23993-006	15747	4.61	65976	5.68	38928	6.98	66339	8.25	56896	11.15	44541	12.72
5M19822	AC23993-008	17046	4.61	67581	5.68	38758	6.98	67130	8.25	56330	11.15	41443	12.72
5M19823	AC23993-009	15509	4.61	62218	5.68	35940	6.98	60301	8.25	52071	11.15	40951	12.72
5M19824	AC23993-010	16196	4.61	66050	5.68	38133	6.98	62983	8.25	53248	11.15	40987	12.72
5M19825	AC23993-011	13846	4.61	54563	5.68	32289	6.98	55834	8.25	53334	11.15	42476	12.72
5M19826	AC23993-012	15722	4.61	64248	5.68	37421	6.98	63853	8.25	53823	11.15	39777	12.72
5M19827	AC23994-005	16112	4.61	65718	5.68	40494	6.98	65183	8.25	58954	11.15	45107	12.72
5M19828	AC23994-007	15625	4.61	62254	5.68	33963	6.98	58652	8.25	53455	11.15	42219	12.72
5M19829	AC24023-004	14282	4.61	56701	5.68	35540	6.98	57975	8.25	50174	11.15	38826	12.72
5M19830	SMB2924	15949	4.61	65725	5.68	39109	6.98	64796	8.25	58258	11.15	42773	12.72
5M19831	AC24023-013	15300	4.61	59156	5.68	33073	6.98	56673	8.25	51265	11.15	39086	12.72
5M19832	AC24026-002(	11955	4.61	47936	5.68	29650	6.98	51651	8.25	50393	11.15	38019	12.72
5M19833	AC24026-003(	13659	4.61	53765	5.68	32693	6.98	55665	8.25	54165	11.15	40706	12.72
5M19834	WMB2931	13203	4.61	51628	5.68	31296	6.98	54839	8.25	55190	11.15	41938	12.72
5M19835	WMB2931(MS	12800	4.61	49960	5.68	30033	6.98	53883	8.25	58066	11.15	37331	12.72
5M19836	AC24026-004(	12335	4.61	51715	5.68	30907	6.98	55517	8.25	51229	11.15	37651	12.72
5M19837	AC24026-005(	12789	4.61	50568	5.68	30313	6.98	50874	8.25	51951	11.15	40394	12.72
5M19838	AC24024-022	16244	4.61	63347	5.68	36071	6.98	63055	8.25	54237	11.15	41128	12.72
5M19839	AC24024-023	17184	4.61	67100	5.68	38836	6.98	65847	8.25	51493	11.15	38741	12.72
5M19840	AC24024-024	15681	4.61	62707	5.68	35256	6.98	60464	8.25	49755	11.15	37487	12.72
5M19841	AC24044-005(	13250	4.61	57461	5.68	34355	6.98	60483	8.25	55617	11.15	40769	12.72
5M19842	23988-005(15	12866	4.61	52633	5.68	32004	6.98	54813	8.25	54645	11.15	40612	12.72
5M19852	AC24073-002	13784	4.61	56912	5.68	34889	6.98	60321	8.25	56504	11.15	41683	12.72

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

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Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

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MDL STUDY

Compound:	Instrument ID:> GCMS_5 Effective Date:> 4/2/2006 All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,2,4-Trichlorobenzene		0.48112				
1,2-Dichlorobenzene		0.57279				
1,2-Diphenylhydrazine		0.13540				
1,3-Dichlorobenzene		0.69872				
1,4-Dichlorobenzene		0.75395				
2,4,5-Trichlorophenol		1.90731				
2,4,6-Trichlorophenol		0.87575				
2,4-Dichlorophenol		1.25173				
2,4-Dimethylphenol		1.97831				
2,4-Dinitrophenol		0.63290				
2,4-Dinitrotoluene		0.36300				
2,6-Dinitrotoluene		0.33223				
2-Chloronaphthalene		0.40753				
2-Chlorophenol		1.46616				
2-Methylnaphthalene		3.48860				
2-Methylphenol		3.86613				
2-Nitroaniline		1.65875				
2-Nitrophenol		0.80906				
3&4-Methylphenol		4.09777				
3,3'-Dichlorobenzidine		0.80149				
3-Nitroaniline		2.59053				
4,6-Dinitro-2-methylphenol		0.81217				
4-Bromophenyl-phenylether		0.52577				
4-Chloro-3-methylphenol		1.09820				
4-Chloroaniline		3.02427				
4-Chlorophenyl-phenylether		0.37938				
4-Nitroaniline		1.55789				
4-Nitrophenol		1.08192				
Acenaphthene		0.25458				
Acenaphthylene		0.24445				
Anthracene		0.18512				
Benzidine		8.60950				
Benzo[a]anthracene		0.22437				
Benzo[a]pyrene		0.16153				
Benzo[b]fluoranthene		0.21330				
Benzo[g,h,i]perylene		0.28685				
Benzo[k]fluoranthene		0.31492				
Bis(2-Chloroethoxy)methane		0.18830				
Bis(2-Chloroethyl)Ether		0.42979				
Bis(2-Chloroisopropyl)ether		0.22670				
Bis(2-Ethylhexyl)phthalate		0.37409				
Butylbenzylphthalate		0.23168				
Carbazole		0.16304				
Chrysene		0.18768				
Di-n-butylphthalate		0.32056				
Di-n-octylphthalate		0.18990				
Dibenzo[a,h]Anthracene		0.24805				
Dibenzofuran		1.56826				
Diethylphthalate		0.28485				
Dimethylphthalate		0.17556				
Fluoranthene		0.15490				
Fluorene		0.14916				
Hexachlorobenzene		0.27359				
Hexachlorobutadiene		0.62499				
Hexachlorocyclopentadiene		4.61625				
Hexachloroethane		0.68089				
Indeno[1,2,3-cd]pyrene		0.18027				
Isophorone		0.14122				
N-Nitroso-Di-N-Propylamine		0.25554				
N-Nitrosodimethylamine		8.76284				
N-Nitrosodiphenylamine		0.15460				
Naphthalene		0.44300				
Nitrobenzene		0.23616				
Pentachlorophenol		0.76064				
Phenanthrene		0.22941				
Phenol		1.45724				
Pyrene		0.14695				

Analysis Type: SOLIDS

Batch Number: SOLIDS-3917 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23837-001	NA	NA	20	84.68468	NA	0.73	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tam Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23837-001	DUP		85		100	84.685	1	12.1	10.4			06/05/06	ns
AC23837-001	Sample		84		100	84.071	1	12.3	10.5			06/05/06	ns
AC23837-002	Sample		96		100	95.726	1	12.7	12.2			06/05/06	ns
AC23837-003	Sample		95		100	94.737	1	12.4	11.8			06/05/06	ns
AC23837-004	Sample		95		100	94.69	1	12.3	11.7			06/05/06	ns
AC23837-005	Sample		90		100	90.351	1	12.4	11.3			06/05/06	ns
AC23837-006	Sample		96		100	95.614	1	12.4	11.9			06/05/06	ns
AC23837-007	Sample		94		100	93.913	1	12.5	11.8			06/05/06	ns
AC23837-008	Sample		94		100	93.75	1	12.2	11.5			06/05/06	ns
AC23837-009	Sample		97		100	97.414	1	12.6	12.3			06/05/06	ns
AC23837-010	Sample		96		100	95.69	1	12.6	12.1			06/05/06	ns
AC23837-011	Sample		95		100	94.872	1	12.7	12.1			06/05/06	ns
AC23837-012	Sample		96		100	95.614	1	12.4	11.9			06/05/06	ns
AC23837-013	Sample		96		100	96.429	1	12.2	11.8			06/05/06	ns
AC23837-014	Sample		98		100	98.182	1	12.0	11.8			06/05/06	ns
AC23837-015	Sample		88		100	88.496	1	12.3	11.0			06/05/06	ns
AC23837-016	Sample		89		100	88.983	1	12.8	11.5			06/05/06	ns
AC23837-017	Sample		95		100	94.595	1	12.1	11.5			06/05/06	ns
AC23817-001	Sample		80		100	79.825	1	12.4	10.1			06/05/06	ns
AC23817-002	Sample		77		100	77.119	1	12.8	10.1			06/05/06	ns
AC23817-003	Sample		88		100	88.288	1	12.1	10.8			06/05/06	ns

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

NELAP Accredited

Environ International Corp.

Format: NJDEP-R
Project: Promenade Edgewater

PO Number:

Samples submitted on: 6/5/2006

AC23848-001
AC23848-002
AC23848-003
AC23848-004

Date: 6/22/2006
HCI Project: 6060512

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director Or Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

Veritech Sample Key

22-Jun-06

Lab#	SampleID
AC23848-001	SS13E19502000
AC23848-002	SS13E15001550
AC23848-003	SS13E11501200
AC23848-004	SS13E17001800

0003

Veritech/Division of Hampton-Clarke
175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

CHAIN OF CUSTODY RECORD

Project#(Lab Use Only): 6060512

Page 1 of 1

Customer Information

1a) Customer: Environ International Corporation
Address: 214 College Str. Princeton, NJ
1b) Email/Cell/Fax/Ph:
1c) Send Invoice To: JSomerer@environcorp.com - Joe Somerer
1d) Send Report To: JSomerer@environcorp.com

Project Information

2a) Project: Promenade @ Edgewater
2b) Project Manager: Joe Somerer
2c) Location (City/State): Princeton, NJ
2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENVIRON

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC23848

Check if Contingent===>

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	BN+15	VOA+10	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	SS13E19502000	S	6/5/06	1230		X	X	X			X						
-002	SS13E15001550	S	6/5/06	1156		X	X	X			X						
-003	SS13E11501200	S	6/5/06	1124		X	X	X			X						
-004	SS13E17001800	S	6/5/06	1207		X	X	X			X						

<<<Check if Contingent

10) Relinquished By:	Accepted By	Date	Time
		6/5/06	15:00
		6-5	16:01

Comments, Notes, Special Requirements, HAZARDS

Cooler Tmp: 3.6°C

11) Sampler: Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Methanol Bottle Report

Lab#:	Bottle Number	Client Sample ID	Date Shipped	Empty Bottle Wght	Returned Bottle Wght	Wght Difference
AC23848-001	28864	SS13E19502000	06/05/06	32	37.94	5.94
AC23848-002	28868	SS13E15001550	06/05/06	32.35	38.42	6.07
AC23848-003	28856	SS13E11501200	06/05/06	31.26	37.69	6.43
AC23848-004	28860	SS13E17001800	06/05/06	32.47	37.6	5.13

CONDITION UPON RECEIPT

Batch Number AC23848

Entered By: frantz

Date Entered 6/5/2006 4:48:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container 3.6
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC23848-001	06/06/06 09:35	WP	1	M	VOA
AC23848-001	06/06/06 10:19	R3	1	M	NONE
AC23848-001	06/06/06 09:03	PM	2	A	BN
AC23848-001	06/06/06 09:11	NA	2	A	%SOLIDS
AC23848-001	06/06/06 10:53	NA	2	A	%SOLIDS
AC23848-001	06/06/06 10:53	R12	2	M	NONE
AC23848-002	06/06/06 09:35	WP	1	M	VOA
AC23848-002	06/06/06 10:19	R3	1	M	NONE
AC23848-002	06/06/06 09:03	PM	2	A	BN
AC23848-002	06/06/06 09:11	NA	2	A	%SOLIDS
AC23848-002	06/06/06 10:53	R12	2	M	NONE
AC23848-002	06/06/06 10:53	NA	2	A	%SOLIDS
AC23848-003	06/06/06 09:35	WP	1	M	VOA
AC23848-003	06/06/06 10:19	R3	1	M	NONE
AC23848-003	06/06/06 09:03	PM	2	A	BN
AC23848-003	06/06/06 09:11	NA	2	A	%SOLIDS
AC23848-003	06/06/06 10:53	NA	2	A	%SOLIDS
AC23848-003	06/06/06 10:53	R12	2	M	NONE
AC23848-004	06/06/06 09:35	WP	1	M	VOA
AC23848-004	06/06/06 10:19	R3	1	M	NONE
AC23848-004	06/06/06 09:03	PM	2	A	BN
AC23848-004	06/06/06 09:11	NA	2	A	%SOLIDS
AC23848-004	06/06/06 10:53	R12	2	M	NONE
AC23848-004	06/06/06 10:53	NA	2	A	%SOLIDS

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Laboratory Chronicle

veritech

Lab Number	Sample Description
AC23848-001	SS13E19502000

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/6/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chloronaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylnaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3&4-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Butylbenzylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Carbazole	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzofuran	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Diethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dimethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-butylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-octylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobutadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachloroethane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

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Isophorone	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Nitrobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pentachlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/6/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/6/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/6/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/6/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/6/2006	DB	EPA 8260
M&p-Xylenes			EPA5030/5035	6/6/2006	DB	EPA 8260
Methylene chloride			EPA5030/5035	6/6/2006	DB	EPA 8260
O-Xylene			EPA5030/5035	6/6/2006	DB	EPA 8260
Styrene			EPA5030/5035	6/6/2006	DB	EPA 8260
Tetrachloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Toluene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,2-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,3-Dichloropropene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Vinyl chloride			EPA5030/5035	6/6/2006	DB	EPA 8260

Lab Number AC23848-002 **Sample Description** SS13E15001550

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/6/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

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2,4,6-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chloronaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylnaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3&4-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Butylbenzylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Carbazole	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzofuran	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Diethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dimethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-butylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-octylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobutadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachloroethane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Isophorone	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Nitrobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pentachlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260

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1,1-Dichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloroethane	EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloropropane	EPA5030/5035	6/6/2006	DB	EPA 8260
2-Butanone	EPA5030/5035	6/6/2006	DB	EPA 8260
2-Chloroethylvinylether	EPA5030/5035	6/6/2006	DB	EPA 8260
2-Hexanone	EPA5030/5035	6/6/2006	DB	EPA 8260
4-Methyl-2-Pentanone	EPA5030/5035	6/6/2006	DB	EPA 8260
Acetone	EPA5030/5035	6/6/2006	DB	EPA 8260
Acrolein	EPA5030/5035	6/6/2006	DB	EPA 8260
Acrylonitrile	EPA5030/5035	6/6/2006	DB	EPA 8260
Benzene	EPA5030/5035	6/6/2006	DB	EPA 8260
Bromodichloromethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Bromoform	EPA5030/5035	6/6/2006	DB	EPA 8260
Bromomethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon disulfide	EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon tetrachloride	EPA5030/5035	6/6/2006	DB	EPA 8260
Chlorobenzene	EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroform	EPA5030/5035	6/6/2006	DB	EPA 8260
Chloromethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,2-Dichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,3-Dichloropropene	EPA5030/5035	6/6/2006	DB	EPA 8260
Dibromochloromethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Ethylbenzene	EPA5030/5035	6/6/2006	DB	EPA 8260
M&p-Xylenes	EPA5030/5035	6/6/2006	DB	EPA 8260
Methylene chloride	EPA5030/5035	6/6/2006	DB	EPA 8260
O-Xylene	EPA5030/5035	6/6/2006	DB	EPA 8260
Styrene	EPA5030/5035	6/6/2006	DB	EPA 8260
Tetrachloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Toluene	EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,2-Dichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,3-Dichloropropene	EPA5030/5035	6/6/2006	DB	EPA 8260
Trichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Vinyl chloride	EPA5030/5035	6/6/2006	DB	EPA 8260

Lab Number AC23848-003

Sample Description SS13E11501200

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/6/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chloronaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylnaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3&4-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

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4-Chloro-3-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Butylbenzylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Carbazole	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzofuran	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Diethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dimethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-butylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-octylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobutediene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachloroethane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Isophorone	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Nitrobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pentachlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/6/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/6/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/6/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/6/2006	DB	EPA 8260

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Chloroethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroform	EPA5030/5035	6/6/2006	DB	EPA 8260
Chloromethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,2-Dichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,3-Dichloropropene	EPA5030/5035	6/6/2006	DB	EPA 8260
Dibromochloromethane	EPA5030/5035	6/6/2006	DB	EPA 8260
Ethylbenzene	EPA5030/5035	6/6/2006	DB	EPA 8260
M&p-Xylenes	EPA5030/5035	6/6/2006	DB	EPA 8260
Methylene chloride	EPA5030/5035	6/6/2006	DB	EPA 8260
O-Xylene	EPA5030/5035	6/6/2006	DB	EPA 8260
Styrene	EPA5030/5035	6/6/2006	DB	EPA 8260
Tetrachloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Toluene	EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,2-Dichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,3-Dichloropropene	EPA5030/5035	6/6/2006	DB	EPA 8260
Trichloroethene	EPA5030/5035	6/6/2006	DB	EPA 8260
Vinyl chloride	EPA5030/5035	6/6/2006	DB	EPA 8260

Lab Number AC23848-004 **Sample Description** SS13E17001800

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/6/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chloronaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Chlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylnaphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
2-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3&4-Methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
3-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chloroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitroaniline	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
4-Nitrophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Acenaphthylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzidine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[a]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

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Bis(2-Ethylhexyl)phthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Butylbenzylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Carbazole	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Chrysene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dibenzofuran	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Diethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Dimethylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-butylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Di-n-octylphthalate	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluoranthene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Fluorene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorobutadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Hexachloroethane	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Isophorone	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Naphthalene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Nitrobenzene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pentachlorophenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenanthrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Phenol	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270
Pyrene	6/6/2006	pm	EPA3510/3550	6/6/2006	AHD	EPA 8270

Volatile Organics + 10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Butanone			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/6/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/6/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/6/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/6/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/6/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/6/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/6/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/6/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/6/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/6/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/6/2006	DB	EPA 8260
M&p-Xylenes			EPA5030/5035	6/6/2006	DB	EPA 8260
Methylene chloride			EPA5030/5035	6/6/2006	DB	EPA 8260
O-Xylene			EPA5030/5035	6/6/2006	DB	EPA 8260
Styrene			EPA5030/5035	6/6/2006	DB	EPA 8260
Tetrachloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Toluene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,2-Dichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trans-1,3-Dichloropropene			EPA5030/5035	6/6/2006	DB	EPA 8260
Trichloroethene			EPA5030/5035	6/6/2006	DB	EPA 8260
Vinyl chloride			EPA5030/5035	6/6/2006	DB	EPA 8260

Volatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File Compound Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	Yes
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Organics Director: _____ 6/7/06

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File Compound Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	NO
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

A few compounds exceeded the recovery criteria in the MBS for batch SMB2909. One compound exceeded the recovery criteria in the MS and MSD for batch SMB2908, but all QC criteria for this batch was met based on the MBS.

Organics Director: _____ 6/7/06

METHOD REFERENCES

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals–semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O.G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sonorer
Project: Promenade Edgewater

Date Submitted: 6/5/2006
Date Reported: 6/22/2006

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte	DF	Units	RL	Result		TestGroup/Analyte	DF	Units	RL	Result	
AC23848-001	SS13E19502000	6/5/2006				AC23848-001	SS13E19502000	6/5/2006			
% Solids SM2540G						**Semivolatile Organics + 25 (8270)**					
% Solids	1	percent		87		1,2,4-Trichlorobenzene	1	mg/kg	0.38	ND	
						1,2-Dichlorobenzene	1	mg/kg	0.38	ND	
						1,2-Diphenylhydrazine	1	mg/kg	0.38	ND	
						1,3-Dichlorobenzene	1	mg/kg	0.38	ND	
						1,4-Dichlorobenzene	1	mg/kg	0.38	ND	
						2,4,5-Trichlorophenol	1	mg/kg	0.38	ND	
						2,4,6-Trichlorophenol	1	mg/kg	0.38	ND	
						2,4-Dichlorophenol	1	mg/kg	0.38	ND	
						2,4-Dimethylphenol	1	mg/kg	0.38	0.048J	
						2,4-Dinitrophenol	1	mg/kg	0.96	ND	
						2,4-Dinitrotoluene	1	mg/kg	0.38	ND	
						2,6-Dinitrotoluene	1	mg/kg	0.38	ND	
						2-Chloronaphthalene	1	mg/kg	0.38	ND	
						2-Chlorophenol	1	mg/kg	0.38	ND	
						2-Methylnaphthalene	1	mg/kg	0.38	ND	
						2-Methylphenol	1	mg/kg	0.38	ND	
						2-Nitroaniline	1	mg/kg	0.38	ND	
						2-Nitrophenol	1	mg/kg	0.38	ND	
						3&4-Methylphenol	1	mg/kg	0.38	ND	
						3,3'-Dichlorobenzidine	1	mg/kg	0.38	ND	
						3-Nitroaniline	1	mg/kg	0.38	ND	
						4,6-Dinitro-2-methylphenol	1	mg/kg	0.96	ND	
						4-Bromophenyl-phenylether	1	mg/kg	0.38	ND	
						4-Chloro-3-methylphenol	1	mg/kg	0.38	ND	
						4-Chloroaniline	1	mg/kg	0.38	ND	
						4-Chlorophenyl-phenylether	1	mg/kg	0.38	ND	
						4-Nitroaniline	1	mg/kg	0.38	ND	
						4-Nitrophenol	1	mg/kg	0.38	ND	
						Acenaphthene	1	mg/kg	0.38	ND	
						Acenaphthylene	1	mg/kg	0.38	ND	
						Anthracene	1	mg/kg	0.38	ND	
						Benzidine	1	mg/kg	0.96	ND	
						Benzo[a]anthracene	1	mg/kg	0.38	ND	
						Benzo[a]pyrene	1	mg/kg	0.38	ND	
						Benzo[b]fluoranthene	1	mg/kg	0.38	ND	
						Benzo[g,h,i]perylene	1	mg/kg	0.38	ND	
						Benzo[k]fluoranthene	1	mg/kg	0.38	ND	
						Bis(2-Chloroethoxy)methane	1	mg/kg	0.38	ND	
						Bis(2-Chloroethyl)Ether	1	mg/kg	0.38	ND	
						Bis(2-Chloroisopropyl)ether	1	mg/kg	0.38	ND	
						Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.38	ND	
						Butylbenzylphthalate	1	mg/kg	0.38	ND	
						Carbazole	1	mg/kg	0.38	ND	
						Chrysene	1	mg/kg	0.38	ND	
						Dibenzo[a,h]Anthracene	1	mg/kg	0.38	ND	
						Dibenzofuran	1	mg/kg	0.38	ND	
						Diethylphthalate	1	mg/kg	0.38	ND	
						Dimethylphthalate	1	mg/kg	0.38	ND	
						Di-n-butylphthalate	1	mg/kg	0.38	ND	
						Di-n-octylphthalate	1	mg/kg	0.38	ND	
						Fluoranthene	1	mg/kg	0.38	ND	
						Fluorene	1	mg/kg	0.38	ND	
						Hexachlorobenzene	1	mg/kg	0.38	ND	
						Hexachlorobutadiene	1	mg/kg	0.38	ND	

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23848-001	**SS13E19502000**	**6/5/2006**			**AC23848-002**	**SS13E15001550**	**6/5/2006**		
Hexachlorocyclopentadiene	1	mg/kg	0.96	ND	**% Solids SM2540G**				
Hexachloroethane	1	mg/kg	0.38	ND	% Solids	1	percent		79
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.38	ND					
Isophorone	1	mg/kg	0.38	ND					
Naphthalene	1	mg/kg	0.38	ND					
Nitrobenzene	1	mg/kg	0.38	ND					
N-Nitrosodimethylamine	1	mg/kg	0.96	ND					
N-Nitroso-Di-N-Propylamine	1	mg/kg	0.38	ND					
N-Nitrosodiphenylamine	1	mg/kg	0.38	ND					
Pentachlorophenol	1	mg/kg	1.9	ND					
Phenanthrene	1	mg/kg	0.38	0.048J					
Phenol	1	mg/kg	0.38	ND					
Pyrene	1	mg/kg	0.38	0.043J					
Volatile Organics + 10 (8260)									
1,1,1-Trichloroethane	84.2	mg/kg	0.48	ND					
1,1,2,2-Tetrachloroethane	84.2	mg/kg	0.48	ND					
1,1,2-Trichloroethane	84.2	mg/kg	0.48	ND					
1,1-Dichloroethane	84.2	mg/kg	0.48	ND					
1,1-Dichloroethene	84.2	mg/kg	0.48	ND					
1,2-Dichloroethane	84.2	mg/kg	0.48	ND					
1,2-Dichloropropane	84.2	mg/kg	0.48	ND					
2-Butanone	84.2	mg/kg	0.48	ND					
2-Chloroethylvinylether	84.2	mg/kg	0.48	ND					
2-Hexanone	84.2	mg/kg	0.97	ND					
4-Methyl-2-Pentanone	84.2	mg/kg	0.48	ND					
Acetone	84.2	mg/kg	2.4	ND					
Acrolein	84.2	mg/kg	2.4	ND					
Acrylonitrile	84.2	mg/kg	0.48	ND					
Benzene	84.2	mg/kg	0.097	ND					
Bromodichloromethane	84.2	mg/kg	0.48	ND					
Bromoform	84.2	mg/kg	0.48	ND					
Bromomethane	84.2	mg/kg	0.48	ND					
Carbon disulfide	84.2	mg/kg	0.48	ND					
Carbon tetrachloride	84.2	mg/kg	0.48	ND					
Chlorobenzene	84.2	mg/kg	0.48	ND					
Chloroethane	84.2	mg/kg	0.48	ND					
Chloroform	84.2	mg/kg	0.48	ND					
Chloromethane	84.2	mg/kg	0.48	ND					
Cis-1,2-Dichloroethene	84.2	mg/kg	0.48	ND					
Cis-1,3-Dichloropropene	84.2	mg/kg	0.48	ND					
Dibromochloromethane	84.2	mg/kg	0.48	ND					
Ethylbenzene	84.2	mg/kg	0.097	ND					
M&p-Xylenes	84.2	mg/kg	0.19	ND					
Methylene chloride	84.2	mg/kg	0.48	ND					
O-Xylene	84.2	mg/kg	0.097	ND					
Styrene	84.2	mg/kg	0.48	ND					
Tetrachloroethene	84.2	mg/kg	0.48	ND					
Toluene	84.2	mg/kg	0.097	ND					
Trans-1,2-Dichloroethene	84.2	mg/kg	0.48	ND					
Trans-1,3-Dichloropropene	84.2	mg/kg	0.48	ND					
Trichloroethene	84.2	mg/kg	0.48	ND					
Vinyl chloride	84.2	mg/kg	0.48	ND					

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte	DF	Units	RL	Result		TestGroup/Analyte	DF	Units	RL	Result	
AC23848-002	SS13E15001550	6/5/2006				AC23848-002	SS13E15001550	6/5/2006			
Semivolatile Organics + 25 (8270)						**Volatile Organics + 10 (8260)**					
1,2,4-Trichlorobenzene	1	mg/kg	0.42	ND		1,1,1-Trichloroethane	82.4	mg/kg	0.52	ND	
1,2-Dichlorobenzene	1	mg/kg	0.42	ND		1,1,2,2-Tetrachloroethane	82.4	mg/kg	0.52	ND	
1,2-Diphenylhydrazine	1	mg/kg	0.42	ND		1,1,2-Trichloroethane	82.4	mg/kg	0.52	ND	
1,3-Dichlorobenzene	1	mg/kg	0.42	ND		1,1-Dichloroethane	82.4	mg/kg	0.52	ND	
1,4-Dichlorobenzene	1	mg/kg	0.42	ND		1,1-Dichloroethene	82.4	mg/kg	0.52	ND	
2,4,5-Trichlorophenol	1	mg/kg	0.42	ND		1,2-Dichloroethane	82.4	mg/kg	0.52	ND	
2,4,6-Trichlorophenol	1	mg/kg	0.42	ND		1,2-Dichloropropane	82.4	mg/kg	0.52	ND	
2,4-Dichlorophenol	1	mg/kg	0.42	ND		2-Butanone	82.4	mg/kg	0.52	ND	
2,4-Dimethylphenol	1	mg/kg	0.42	ND		2-Chloroethylvinylether	82.4	mg/kg	0.52	ND	
2,4-Dinitrophenol	1	mg/kg	1.1	ND		2-Hexanone	82.4	mg/kg	1.0	ND	
2,4-Dinitrotoluene	1	mg/kg	0.42	ND		4-Methyl-2-Pentanone	82.4	mg/kg	0.52	ND	
2,6-Dinitrotoluene	1	mg/kg	0.42	ND		Acetone	82.4	mg/kg	2.6	ND	
2-Chloronaphthalene	1	mg/kg	0.42	ND		Acrolein	82.4	mg/kg	2.6	ND	
2-Chlorophenol	1	mg/kg	0.42	ND		Acrylonitrile	82.4	mg/kg	0.52	ND	
2-Methylnaphthalene	1	mg/kg	0.42	ND		Benzene	82.4	mg/kg	0.10	ND	
2-Methylphenol	1	mg/kg	0.42	ND		Bromodichloromethane	82.4	mg/kg	0.52	ND	
2-Nitroaniline	1	mg/kg	0.42	ND		Bromoform	82.4	mg/kg	0.52	ND	
2-Nitrophenol	1	mg/kg	0.42	ND		Bromomethane	82.4	mg/kg	0.52	ND	
3&4-Methylphenol	1	mg/kg	0.42	ND		Carbon disulfide	82.4	mg/kg	0.52	ND	
3,3'-Dichlorobenzidine	1	mg/kg	0.42	ND		Carbon tetrachloride	82.4	mg/kg	0.52	ND	
3-Nitroaniline	1	mg/kg	0.42	ND		Chlorobenzene	82.4	mg/kg	0.52	ND	
4,6-Dinitro-2-methylphenol	1	mg/kg	1.1	ND		Chloroethane	82.4	mg/kg	0.52	ND	
4-Bromophenyl-phenylether	1	mg/kg	0.42	ND		Chloroform	82.4	mg/kg	0.52	ND	
4-Chloro-3-methylphenol	1	mg/kg	0.42	ND		Chloromethane	82.4	mg/kg	0.52	ND	
4-Chloroaniline	1	mg/kg	0.42	ND		Cis-1,2-Dichloroethene	82.4	mg/kg	0.52	ND	
4-Chlorophenyl-phenylether	1	mg/kg	0.42	ND		Cis-1,3-Dichloropropene	82.4	mg/kg	0.52	ND	
4-Nitroaniline	1	mg/kg	0.42	ND		Dibromochloromethane	82.4	mg/kg	0.52	ND	
4-Nitrophenol	1	mg/kg	0.42	ND		Ethylbenzene	82.4	mg/kg	0.10	ND	
Acenaphthene	1	mg/kg	0.42	ND		M&p-Xylenes	82.4	mg/kg	0.21	ND	
Acenaphthylene	1	mg/kg	0.42	0.22J		Methylene chloride	82.4	mg/kg	0.52	ND	
Anthracene	1	mg/kg	0.42	0.32J		O-Xylene	82.4	mg/kg	0.10	ND	
Benzidine	1	mg/kg	1.1	ND		Styrene	82.4	mg/kg	0.52	ND	
Benzo[a]anthracene	1	mg/kg	0.42	1.9		Tetrachloroethene	82.4	mg/kg	0.52	ND	
Benzo[a]pyrene	1	mg/kg	0.42	1.0		Toluene	82.4	mg/kg	0.10	ND	
Benzo[b]fluoranthene	1	mg/kg	0.42	1.4		Trans-1,2-Dichloroethene	82.4	mg/kg	0.52	ND	
Benzo[g,h,i]perylene	1	mg/kg	0.42	0.62		Trans-1,3-Dichloropropene	82.4	mg/kg	0.52	ND	
Benzo[k]fluoranthene	1	mg/kg	0.42	0.56		Trichloroethene	82.4	mg/kg	0.52	ND	
Bis(2-Chloroethoxy)methane	1	mg/kg	0.42	ND		Vinyl chloride	82.4	mg/kg	0.52	ND	
Bis(2-Chloroethyl)Ether	1	mg/kg	0.42	ND							
Bis(2-Chloroisopropyl)ether	1	mg/kg	0.42	ND							
Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.42	0.18J							
Butylbenzylphthalate	1	mg/kg	0.42	ND							
Carbazole	1	mg/kg	0.42	0.11J							
Chrysene	1	mg/kg	0.42	1.9							
Dibenzo[a,h]Anthracene	1	mg/kg	0.42	0.18J							
Dibenzofuran	1	mg/kg	0.42	ND							
Diethylphthalate	1	mg/kg	0.42	ND							
Dimethylphthalate	1	mg/kg	0.42	ND							
Di-n-butylphthalate	1	mg/kg	0.42	ND							
Di-n-octylphthalate	1	mg/kg	0.42	ND							
Fluoranthene	1	mg/kg	0.42	2.9							
Fluorene	1	mg/kg	0.42	0.13J							
Hexachlorobenzene	1	mg/kg	0.42	ND							
Hexachlorobutadiene	1	mg/kg	0.42	ND							
Hexachlorocyclopentadiene	1	mg/kg	1.1	ND							
Hexachloroethane	1	mg/kg	0.42	ND							
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.42	0.55							
Isophorone	1	mg/kg	0.42	ND							
Naphthalene	1	mg/kg	0.42	ND							
Nitrobenzene	1	mg/kg	0.42	ND							
N-Nitrosodimethylamine	1	mg/kg	1.1	ND							
N-Nitroso-Di-N-Propylamine	1	mg/kg	0.42	ND							
N-Nitrosodiphenylamine	1	mg/kg	0.42	ND							
Pentachlorophenol	1	mg/kg	2.1	ND							
Phenanthrene	1	mg/kg	0.42	0.30J							
Phenol	1	mg/kg	0.42	ND							
Pyrene	1	mg/kg	0.42	5.4							

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23848-003	**SS13E11501200**	**6/5/2006**			**AC23848-003**	**SS13E11501200**	**6/5/2006**		
% Solids SM2540G					**Semivolatile Organics + 25 (8270)**				
% Solids	1	percent		83	1,2,4-Trichlorobenzene	1	mg/kg	0.40	ND
					1,2-Dichlorobenzene	1	mg/kg	0.40	ND
					1,2-Diphenylhydrazine	1	mg/kg	0.40	ND
					1,3-Dichlorobenzene	1	mg/kg	0.40	ND
					1,4-Dichlorobenzene	1	mg/kg	0.40	ND
					2,4,5-Trichlorophenol	1	mg/kg	0.40	ND
					2,4,6-Trichlorophenol	1	mg/kg	0.40	ND
					2,4-Dichlorophenol	1	mg/kg	0.40	ND
					2,4-Dimethylphenol	1	mg/kg	0.40	ND
					2,4-Dinitrophenol	1	mg/kg	1.0	ND
					2,4-Dinitrotoluene	1	mg/kg	0.40	ND
					2,6-Dinitrotoluene	1	mg/kg	0.40	ND
					2-Chloronaphthalene	1	mg/kg	0.40	ND
					2-Chlorophenol	1	mg/kg	0.40	ND
					2-Methylnaphthalene	1	mg/kg	0.40	ND
					2-Methylphenol	1	mg/kg	0.40	ND
					2-Nitroaniline	1	mg/kg	0.40	ND
					2-Nitrophenol	1	mg/kg	0.40	ND
					3&4-Methylphenol	1	mg/kg	0.40	ND
					3,3'-Dichlorobenzidine	1	mg/kg	0.40	ND
					3-Nitroaniline	1	mg/kg	0.40	ND
					4,6-Dinitro-2-methylphenol	1	mg/kg	1.0	ND
					4-Bromophenyl-phenylether	1	mg/kg	0.40	ND
					4-Chloro-3-methylphenol	1	mg/kg	0.40	ND
					4-Chloroaniline	1	mg/kg	0.40	ND
					4-Chlorophenyl-phenylether	1	mg/kg	0.40	ND
					4-Nitroaniline	1	mg/kg	0.40	ND
					4-Nitrophenol	1	mg/kg	0.40	ND
					Acenaphthene	1	mg/kg	0.40	ND
					Acenaphthylene	1	mg/kg	0.40	ND
					Anthracene	1	mg/kg	0.40	ND
					Benzidine	1	mg/kg	1.0	ND
					Benzo[a]anthracene	1	mg/kg	0.40	ND
					Benzo[a]pyrene	1	mg/kg	0.40	ND
					Benzo[b]fluoranthene	1	mg/kg	0.40	ND
					Benzo[g,h,i]perylene	1	mg/kg	0.40	ND
					Benzo[k]fluoranthene	1	mg/kg	0.40	ND
					Bis(2-Chloroethoxy)methane	1	mg/kg	0.40	ND
					Bis(2-Chloroethyl)Ether	1	mg/kg	0.40	ND
					Bis(2-Chloroisopropyl)ether	1	mg/kg	0.40	ND
					Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.40	0.040J
					Butylbenzylphthalate	1	mg/kg	0.40	ND
					Carbazole	1	mg/kg	0.40	ND
					Chrysene	1	mg/kg	0.40	ND
					Dibenzo[a,h]Anthracene	1	mg/kg	0.40	ND
					Dibenzofuran	1	mg/kg	0.40	ND
					Diethylphthalate	1	mg/kg	0.40	ND
					Dimethylphthalate	1	mg/kg	0.40	ND
					Di-n-butylphthalate	1	mg/kg	0.40	ND
					Di-n-octylphthalate	1	mg/kg	0.40	ND
					Fluoranthene	1	mg/kg	0.40	ND
					Fluorene	1	mg/kg	0.40	ND
					Hexachlorobenzene	1	mg/kg	0.40	ND
					Hexachlorobutadiene	1	mg/kg	0.40	ND
					Hexachlorocyclopentadiene	1	mg/kg	1.0	ND
					Hexachloroethane	1	mg/kg	0.40	ND
					Indeno[1,2,3-cd]pyrene	1	mg/kg	0.40	ND
					Isophorone	1	mg/kg	0.40	ND
					Naphthalene	1	mg/kg	0.40	ND
					Nitrobenzene	1	mg/kg	0.40	ND
					N-Nitrosodimethylamine	1	mg/kg	1.0	ND
					N-Nitroso-Di-N-Propylamine	1	mg/kg	0.40	ND
					N-Nitrosodiphenylamine	1	mg/kg	0.40	ND
					Pentachlorophenol	1	mg/kg	2.0	ND
					Phenanthrene	1	mg/kg	0.40	ND
					Phenol	1	mg/kg	0.40	ND
					Pyrene	1	mg/kg	0.40	ND

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte		DF	Units	RL	Result	TestGroup/Analyte		DF	Units	RL	Result
AC23848-003	SS13E11501200		6/5/2006			AC23848-004	SS13E17001800		6/5/2006		
Volatile Organics + 10 (8260)						**% Solids SM2540G**					
1,1,1-Trichloroethane		77.8	mg/kg	0.47	ND	% Solids		1	percent		77
1,1,2,2-Tetrachloroethane		77.8	mg/kg	0.47	ND						
1,1,2-Trichloroethane		77.8	mg/kg	0.47	ND						
1,1-Dichloroethene		77.8	mg/kg	0.47	ND						
1,1-Dichloroethene		77.8	mg/kg	0.47	ND						
1,2-Dichloroethane		77.8	mg/kg	0.47	ND						
1,2-Dichloropropane		77.8	mg/kg	0.47	ND						
2-Butanone		77.8	mg/kg	0.47	ND						
2-Chloroethylvinylether		77.8	mg/kg	0.47	ND						
2-Hexanone		77.8	mg/kg	0.94	ND						
4-Methyl-2-Pentanone		77.8	mg/kg	0.47	ND						
Acetone		77.8	mg/kg	2.3	ND						
Acrolein		77.8	mg/kg	2.3	ND						
Acrylonitrile		77.8	mg/kg	0.47	ND						
Benzene		77.8	mg/kg	0.094	ND						
Bromodichloromethane		77.8	mg/kg	0.47	ND						
Bromoform		77.8	mg/kg	0.47	ND						
Bromomethane		77.8	mg/kg	0.47	ND						
Carbon disulfide		77.8	mg/kg	0.47	ND						
Carbon tetrachloride		77.8	mg/kg	0.47	ND						
Chlorobenzene		77.8	mg/kg	0.47	ND						
Chloroethane		77.8	mg/kg	0.47	ND						
Chloroform		77.8	mg/kg	0.47	ND						
Chloromethane		77.8	mg/kg	0.47	ND						
Cis-1,2-Dichloroethene		77.8	mg/kg	0.47	ND						
Cis-1,3-Dichloropropene		77.8	mg/kg	0.47	ND						
Dibromochloromethane		77.8	mg/kg	0.47	ND						
Ethylbenzene		77.8	mg/kg	0.094	ND						
M&p-Xylenes		77.8	mg/kg	0.19	ND						
Methylene chloride		77.8	mg/kg	0.47	ND						
O-Xylene		77.8	mg/kg	0.094	ND						
Styrene		77.8	mg/kg	0.47	ND						
Tetrachloroethene		77.8	mg/kg	0.47	ND						
Toluene		77.8	mg/kg	0.094	ND						
Trans-1,2-Dichloroethene		77.8	mg/kg	0.47	ND						
Trans-1,3-Dichloropropene		77.8	mg/kg	0.47	ND						
Trichloroethene		77.8	mg/kg	0.47	ND						
Vinyl chloride		77.8	mg/kg	0.47	ND						

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result
AC23848-004	**SS13E17001800**	**6/5/2006**			**AC23848-004**	**SS13E17001800**	**6/5/2006**		
Semivolatile Organics + 25 (8270)					**Volatile Organics + 10 (8260)**				
1,2,4-Trichlorobenzene	1	mg/kg	0.43	ND	1,1,1-Trichloroethane	97.5	mg/kg	0.63	ND
1,2-Dichlorobenzene	1	mg/kg	0.43	ND	1,1,2,2-Tetrachloroethane	97.5	mg/kg	0.63	ND
1,2-Diphenylhydrazine	1	mg/kg	0.43	ND	1,1,2-Trichloroethane	97.5	mg/kg	0.63	ND
1,3-Dichlorobenzene	1	mg/kg	0.43	ND	1,1-Dichloroethane	97.5	mg/kg	0.63	ND
1,4-Dichlorobenzene	1	mg/kg	0.43	ND	1,1-Dichloroethene	97.5	mg/kg	0.63	ND
2,4,5-Trichlorophenol	1	mg/kg	0.43	ND	1,2-Dichloroethane	97.5	mg/kg	0.63	ND
2,4,6-Trichlorophenol	1	mg/kg	0.43	ND	1,2-Dichloropropane	97.5	mg/kg	0.63	ND
2,4-Dichlorophenol	1	mg/kg	0.43	ND	2-Butanone	97.5	mg/kg	0.63	ND
2,4-Dimethylphenol	1	mg/kg	0.43	ND	2-Chloroethylvinylether	97.5	mg/kg	0.63	ND
2,4-Dinitrophenol	1	mg/kg	1.1	ND	2-Hexanone	97.5	mg/kg	1.3	ND
2,4-Dinitrotoluene	1	mg/kg	0.43	ND	4-Methyl-2-Pentanone	97.5	mg/kg	0.63	ND
2,6-Dinitrotoluene	1	mg/kg	0.43	ND	Acetone	97.5	mg/kg	3.2	ND
2-Chloronaphthalene	1	mg/kg	0.43	ND	Acrolein	97.5	mg/kg	3.2	ND
2-Chlorophenol	1	mg/kg	0.43	ND	Acrylonitrile	97.5	mg/kg	0.63	ND
2-Methylnaphthalene	1	mg/kg	0.43	ND	Benzene	97.5	mg/kg	0.13	ND
2-Methylphenol	1	mg/kg	0.43	ND	Bromodichloromethane	97.5	mg/kg	0.63	ND
2-Nitroaniline	1	mg/kg	0.43	ND	Bromoform	97.5	mg/kg	0.63	ND
2-Nitrophenol	1	mg/kg	0.43	ND	Bromomethane	97.5	mg/kg	0.63	ND
3&4-Methylphenol	1	mg/kg	0.43	ND	Carbon disulfide	97.5	mg/kg	0.63	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.43	ND	Carbon tetrachloride	97.5	mg/kg	0.63	ND
3-Nitroaniline	1	mg/kg	0.43	ND	Chlorobenzene	97.5	mg/kg	0.63	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	1.1	ND	Chloroethane	97.5	mg/kg	0.63	ND
4-Bromophenyl-phenylether	1	mg/kg	0.43	ND	Chloroform	97.5	mg/kg	0.63	ND
4-Chloro-3-methylphenol	1	mg/kg	0.43	ND	Chloromethane	97.5	mg/kg	0.63	ND
4-Chloroaniline	1	mg/kg	0.43	ND	Cis-1,2-Dichloroethene	97.5	mg/kg	0.63	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.43	ND	Cis-1,3-Dichloropropene	97.5	mg/kg	0.63	ND
4-Nitroaniline	1	mg/kg	0.43	ND	Dibromochloromethane	97.5	mg/kg	0.63	ND
4-Nitrophenol	1	mg/kg	0.43	ND	Ethylbenzene	97.5	mg/kg	0.13	ND
Acenaphthene	1	mg/kg	0.43	ND	M&p-Xylenes	97.5	mg/kg	0.25	ND
Acenaphthylene	1	mg/kg	0.43	ND	Methylene chloride	97.5	mg/kg	0.63	ND
Anthracene	1	mg/kg	0.43	ND	O-Xylene	97.5	mg/kg	0.13	ND
Benzidine	1	mg/kg	1.1	ND	Styrene	97.5	mg/kg	0.63	ND
Benzo[a]anthracene	1	mg/kg	0.43	ND	Tetrachloroethene	97.5	mg/kg	0.63	ND
Benzo[a]pyrene	1	mg/kg	0.43	ND	Toluene	97.5	mg/kg	0.13	ND
Benzo[b]fluoranthene	1	mg/kg	0.43	ND	Trans-1,2-Dichloroethene	97.5	mg/kg	0.63	ND
Benzo[g,h,i]perylene	1	mg/kg	0.43	ND	Trans-1,3-Dichloropropene	97.5	mg/kg	0.63	ND
Benzo[k]fluoranthene	1	mg/kg	0.43	ND	Trichloroethene	97.5	mg/kg	0.63	ND
Bis(2-Chloroethoxy)methane	1	mg/kg	0.43	ND	Vinyl chloride	97.5	mg/kg	0.63	ND
Bis(2-Chloroethyl)Ether	1	mg/kg	0.43	ND					
Bis(2-Chloroisopropyl)ether	1	mg/kg	0.43	ND					
Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.43	ND					
Butylbenzylphthalate	1	mg/kg	0.43	ND					
Carbazole	1	mg/kg	0.43	ND					
Chrysene	1	mg/kg	0.43	ND					
Dibenzo[a,h]Anthracene	1	mg/kg	0.43	ND					
Dibenzofuran	1	mg/kg	0.43	ND					
Diethylphthalate	1	mg/kg	0.43	ND					
Dimethylphthalate	1	mg/kg	0.43	ND					
Di-n-butylphthalate	1	mg/kg	0.43	ND					
Di-n-octylphthalate	1	mg/kg	0.43	ND					
Fluoranthene	1	mg/kg	0.43	ND					
Fluorene	1	mg/kg	0.43	ND					
Hexachlorobenzene	1	mg/kg	0.43	ND					
Hexachlorobutadiene	1	mg/kg	0.43	ND					
Hexachlorocyclopentadiene	1	mg/kg	1.1	ND					
Hexachloroethane	1	mg/kg	0.43	ND					
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.43	ND					
Isophorone	1	mg/kg	0.43	ND					
Naphthalene	1	mg/kg	0.43	ND					
Nitrobenzene	1	mg/kg	0.43	ND					
N-Nitrosodimethylamine	1	mg/kg	1.1	ND					
N-Nitroso-Di-N-Propylamine	1	mg/kg	0.43	ND					
N-Nitrosodiphenylamine	1	mg/kg	0.43	ND					
Pentachlorophenol	1	mg/kg	2.2	ND					
Phenanthrene	1	mg/kg	0.43	ND					
Phenol	1	mg/kg	0.43	ND					
Pyrene	1	mg/kg	0.43	ND					

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M23102.D
Analysis Date: 06/06/06 11:02
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.62	U	56-23-5	Carbon Tetrachloride	0.62	U
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	108-90-7	Chlorobenzene	0.62	U
79-00-5	1,1,2-Trichloroethane	0.62	U	75-00-3	Chloroethane	0.62	U
75-34-3	1,1-Dichloroethane	0.62	U	67-66-3	Chloroform	0.62	U
75-35-4	1,1-Dichloroethene	0.62	U	74-87-3	Chloromethane	0.62	U
107-06-2	1,2-Dichloroethane	0.62	U	156-59-2	cis-1,2-Dichloroethene	0.62	U
78-87-5	1,2-Dichloropropane	0.62	U	10061-01-5	cis-1,3-Dichloropropene	0.62	U
78-93-3	2-Butanone	0.62	U	124-48-1	Dibromochloromethane	0.62	U
110-75-8	2-Chloroethylvinylether	0.62	U	100-41-4	Ethylbenzene	0.12	U
591-78-6	2-Hexanone	1.2	U	1330-20-7	m&p-Xylenes	0.25	U
108-10-1	4-Methyl-2-Pentanone	0.62	U	75-09-2	Methylene Chloride	0.62	U
67-64-1	Acetone	3.1	U	95-47-6	o-Xylene	0.12	U
107-02-8	Acrolein	3.1	U	100-42-5	Styrene	0.62	U
107-13-1	Acrylonitrile	0.62	U	127-18-4	Tetrachloroethene	0.62	U
71-43-2	Benzene	0.12	U	108-88-3	Toluene	0.12	U
75-27-4	Bromodichloromethane	0.62	U	156-60-5	trans-1,2-Dichloroethene	0.62	U
75-25-2	Bromoform	0.62	U	10061-02-6	trans-1,3-Dichloropropene	0.62	U
74-83-9	Bromomethane	0.62	U	79-01-6	Trichloroethene	0.62	U
75-15-0	Carbon Disulfide	0.62	U	75-01-4	Vinyl Chloride	0.62	U

Worksheet #: 28680

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 3M23102.D
Analysis Date: 06/06/06 11:02
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		column bleed	2.39	0.42 J

Worksheet #: 28680

Total Tentatively Identified Concentration 0.42

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23102.D Vial: 4
Acq On : 6 Jun 2006 11:02 Operator: DB
Sample : DAILY BLANK Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:28 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.26	96	275681	30.00	ug/l	0.00
39) Chlorobenzene-d5	10.07	117	205212	30.00	ug/l	0.00
54) 1,4-Dichlorobenzene-d4	11.87	152	98080	30.00	ug/l	0.00
System Monitoring Compounds						
27) Dibromofluoromethane	6.46	111	94315	31.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.50%			
28) 1,2-Dichloroethane-d4	6.86	67	62081	32.00	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.67%			
50) Toluene-d8	8.83	100	176407	28.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.43%			
58) Bromofluorobenzene	11.00	174	78781	28.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.53%			

Target Compounds Qvalue

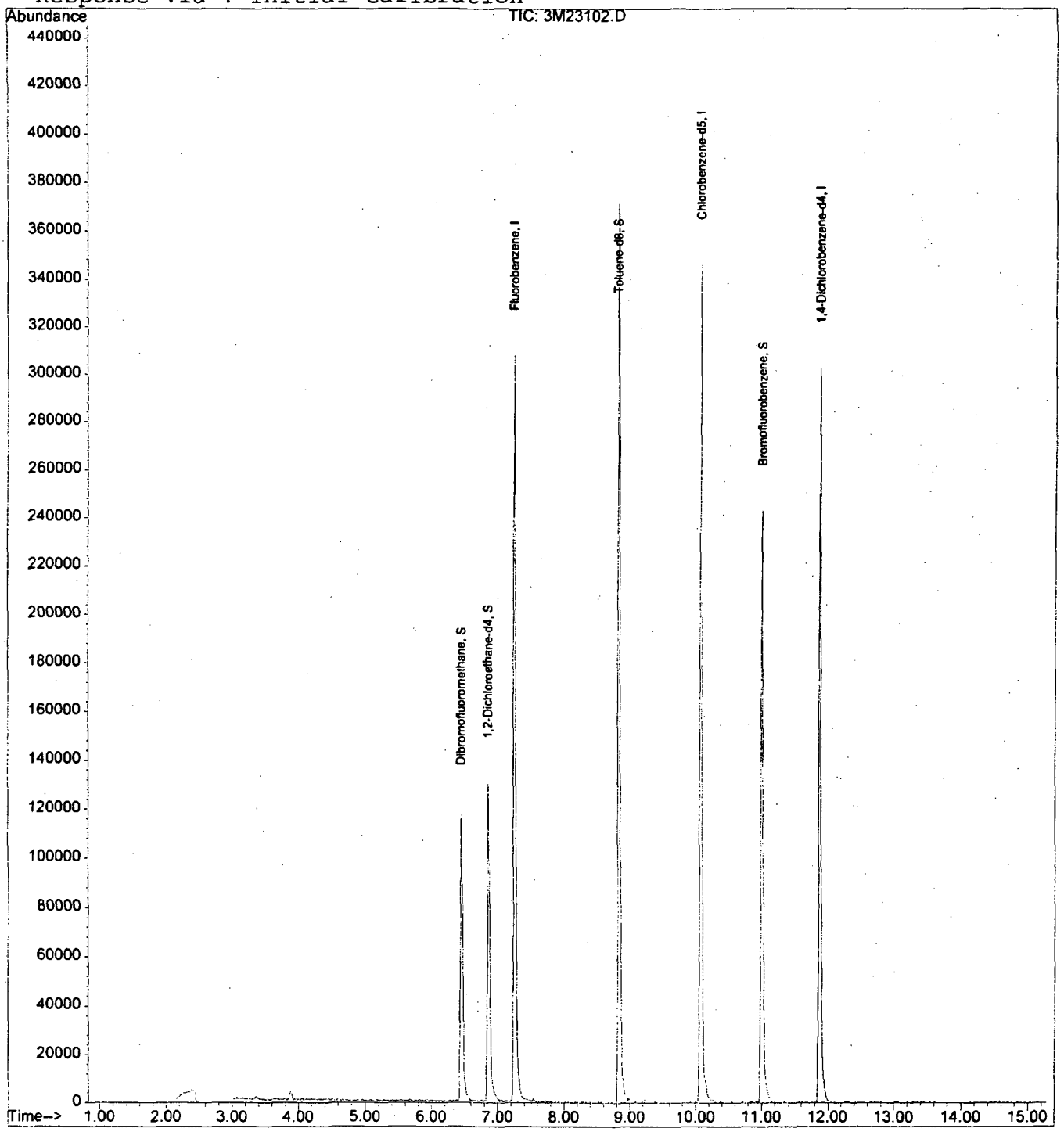
JHW

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23102.D Vial: 4
Acq On : 6 Jun 2006 11:02 Operator: DB
Sample : DAILY BLANK Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:28 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23848-001
Client Id: SS13E19502000
Data File: 3M23120.D
Analysis Date: 06/06/06 18:21
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 5.94g:10ml
Final Vol: NA
Dilution: 84.2
Solids: 87

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.48	U	56-23-5	Carbon Tetrachloride	0.48	U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	108-90-7	Chlorobenzene	0.48	U
79-00-5	1,1,2-Trichloroethane	0.48	U	75-00-3	Chloroethane	0.48	U
75-34-3	1,1-Dichloroethane	0.48	U	67-66-3	Chloroform	0.48	U
75-35-4	1,1-Dichloroethene	0.48	U	74-87-3	Chloromethane	0.48	U
107-06-2	1,2-Dichloroethane	0.48	U	156-59-2	cis-1,2-Dichloroethene	0.48	U
78-87-5	1,2-Dichloropropane	0.48	U	10061-01-5	cis-1,3-Dichloropropene	0.48	U
78-93-3	2-Butanone	0.48	U	124-48-1	Dibromochloromethane	0.48	U
110-75-8	2-Chloroethylvinylether	0.48	U	100-41-4	Ethylbenzene	0.097	U
591-78-6	2-Hexanone	0.97	U	1330-20-7	m&p-Xylenes	0.19	U
108-10-1	4-Methyl-2-Pentanone	0.48	U	75-09-2	Methylene Chloride	0.48	U
67-64-1	Acetone	2.4	U	95-47-6	o-Xylene	0.097	U
107-02-8	Acrolein	2.4	U	100-42-5	Styrene	0.48	U
107-13-1	Acrylonitrile	0.48	U	127-18-4	Tetrachloroethene	0.48	U
71-43-2	Benzene	0.097	U	108-88-3	Toluene	0.097	U
75-27-4	Bromodichloromethane	0.48	U	156-60-5	trans-1,2-Dichloroethene	0.48	U
75-25-2	Bromoform	0.48	U	10061-02-6	trans-1,3-Dichloropropene	0.48	U
74-83-9	Bromomethane	0.48	U	79-01-6	Trichloroethene	0.48	U
75-15-0	Carbon Disulfide	0.48	U	75-01-4	Vinyl Chloride	0.48	U

Worksheet #: 28680

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-001
Client Id: SS13E19502000
Data File: 3M23120.D
Analysis Date: 06/06/06 18:21
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 5.94g:10ml
Final Vol: NA
Dilution: 84.2
Solids: 87

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		column bleed	2.49	0.43 JB

Worksheet #: 28680

Total Tentatively Identified Concentration 0.43

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23120.D Vial: 22
Acq On : 6 Jun 2006 18:21 Operator: DB
Sample : AC23848-001 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:30 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	280622	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	217737	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.89	152	117820	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.48	111	87273	28.77	ug/l	0.02
Spiked Amount 30.000			Recovery =	95.90%		
28) 1,2-Dichloroethane-d4	6.88	67	59225	29.99	ug/l	0.02
Spiked Amount 30.000			Recovery =	99.97%		
50) Toluene-d8	8.85	100	175225	26.80	ug/l	0.02
Spiked Amount 30.000			Recovery =	89.33%		
58) Bromofluorobenzene	11.01	174	90769	27.20	ug/l	0.01
Spiked Amount 30.000			Recovery =	90.67%		

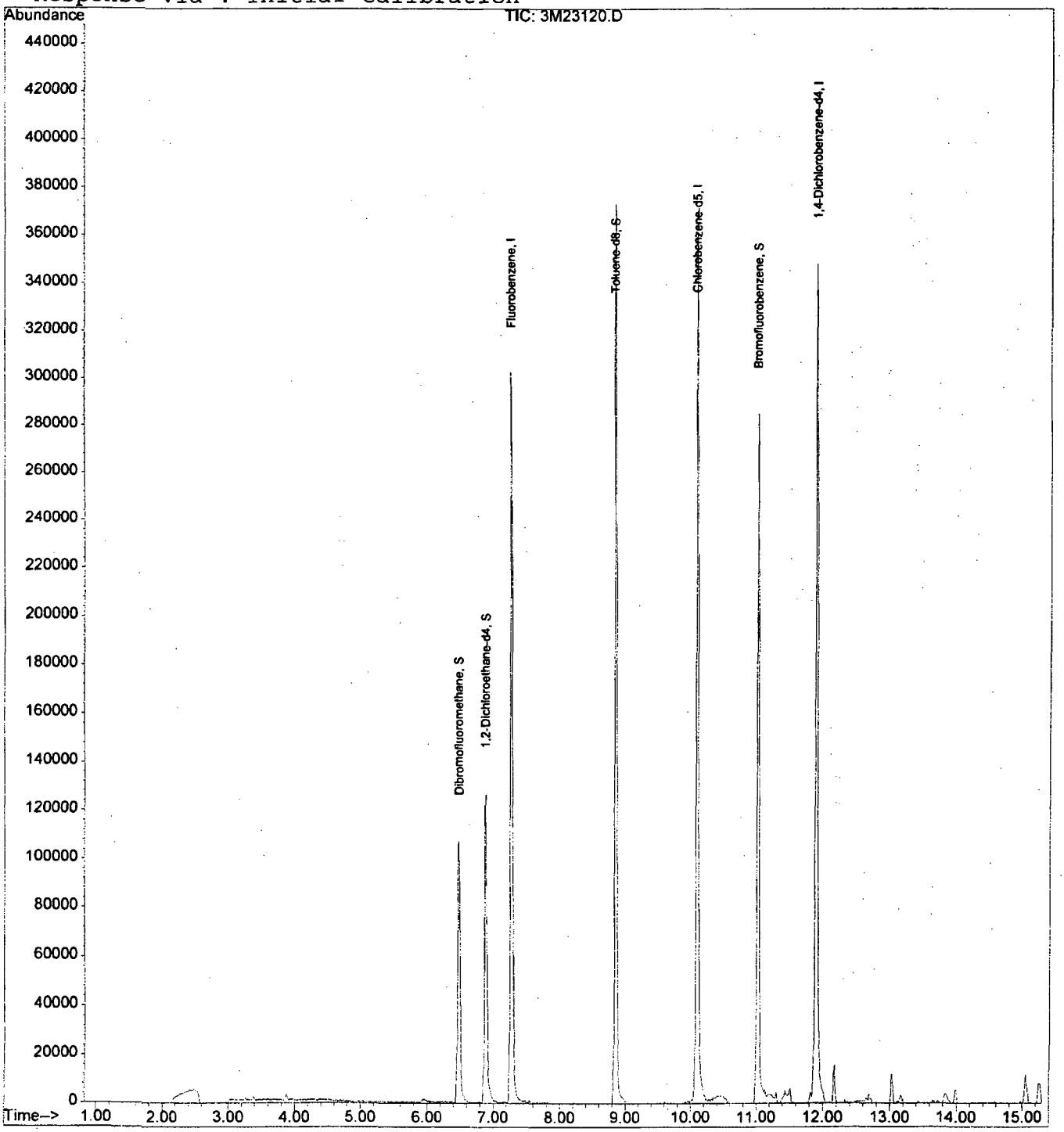
Target Compounds Qvalue

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23120.D Vial: 22
Acq On : 6 Jun 2006 18:21 Operator: DB
Sample : AC23848-001 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:30 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23848-002
Client Id: SS13E15001550
Data File: 3M23121.D
Analysis Date: 06/06/06 18:46
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 6.07g:10ml
Final Vol: NA
Dilution: 82.4
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.52	U	56-23-5	Carbon Tetrachloride	0.52	U
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	108-90-7	Chlorobenzene	0.52	U
79-00-5	1,1,2-Trichloroethane	0.52	U	75-00-3	Chloroethane	0.52	U
75-34-3	1,1-Dichloroethane	0.52	U	67-66-3	Chloroform	0.52	U
75-35-4	1,1-Dichloroethene	0.52	U	74-87-3	Chloromethane	0.52	U
107-06-2	1,2-Dichloroethane	0.52	U	156-59-2	cis-1,2-Dichloroethene	0.52	U
78-87-5	1,2-Dichloropropane	0.52	U	10061-01-5	cis-1,3-Dichloropropene	0.52	U
78-93-3	2-Butanone	0.52	U	124-48-1	Dibromochloromethane	0.52	U
110-75-8	2-Chloroethylvinylether	0.52	U	100-41-4	Ethylbenzene	0.10	U
591-78-6	2-Hexanone	1.0	U	1330-20-7	m&p-Xylenes	0.21	U
108-10-1	4-Methyl-2-Pentanone	0.52	U	75-09-2	Methylene Chloride	0.52	U
67-64-1	Acetone	2.6	U	95-47-6	o-Xylene	0.10	U
107-02-8	Acrolein	2.6	U	100-42-5	Styrene	0.52	U
107-13-1	Acrylonitrile	0.52	U	127-18-4	Tetrachloroethene	0.52	U
71-43-2	Benzene	0.10	U	108-88-3	Toluene	0.10	U
75-27-4	Bromodichloromethane	0.52	U	156-60-5	trans-1,2-Dichloroethene	0.52	U
75-25-2	Bromoform	0.52	U	10061-02-6	trans-1,3-Dichloropropene	0.52	U
74-83-9	Bromomethane	0.52	U	79-01-6	Trichloroethene	0.52	U
75-15-0	Carbon Disulfide	0.52	U	75-01-4	Vinyl Chloride	0.52	U

Worksheet #: 28680

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-002
Client Id: SS13E15001550
Data File: 3M23121.D
Analysis Date: 06/06/06 18:46
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 6.07g:10ml
Final Vol: NA
Dilution: 82.4
Solids: 79

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	2847-72-5	Decane, 4-methyl-	11.51	0.65 J
2		unknown	12.17	1.5 J
3		unknown	12.36	0.69 J
4		unknown	12.56	0.59 J
5	2958-76-1	2-METHYLDECALIN (PROBABLY TRA	12.68	0.90 J
6		unknown	12.87	0.55 J
7	629-59-4	Tetradecane	13.03	1.5 J
8		unknown	13.17	1.4 J
9		unknown	13.28	0.57 J
10	629-78-7	Heptadecane	13.98	0.52 J

Worksheet #: 28680

Total Tentatively Identified Concentration 8.87

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23121.D Vial: 23
Acq On : 6 Jun 2006 18:46 Operator: DB
Sample : AC23848-002 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:30 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	299260	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	196409	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.88	152	112560	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.47	111	94385	29.18	ug/l	0.01
Spiked Amount 30.000			Recovery =	97.27%		
28) 1,2-Dichloroethane-d4	6.87	67	63262	30.04	ug/l	0.01
Spiked Amount 30.000			Recovery =	100.13%		
50) Toluene-d8	8.84	100	175860	29.82	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.40%		
58) Bromofluorobenzene	11.01	174	87444	27.43	ug/l	0.01
Spiked Amount 30.000			Recovery =	91.43%		

Target Compounds Qvalue

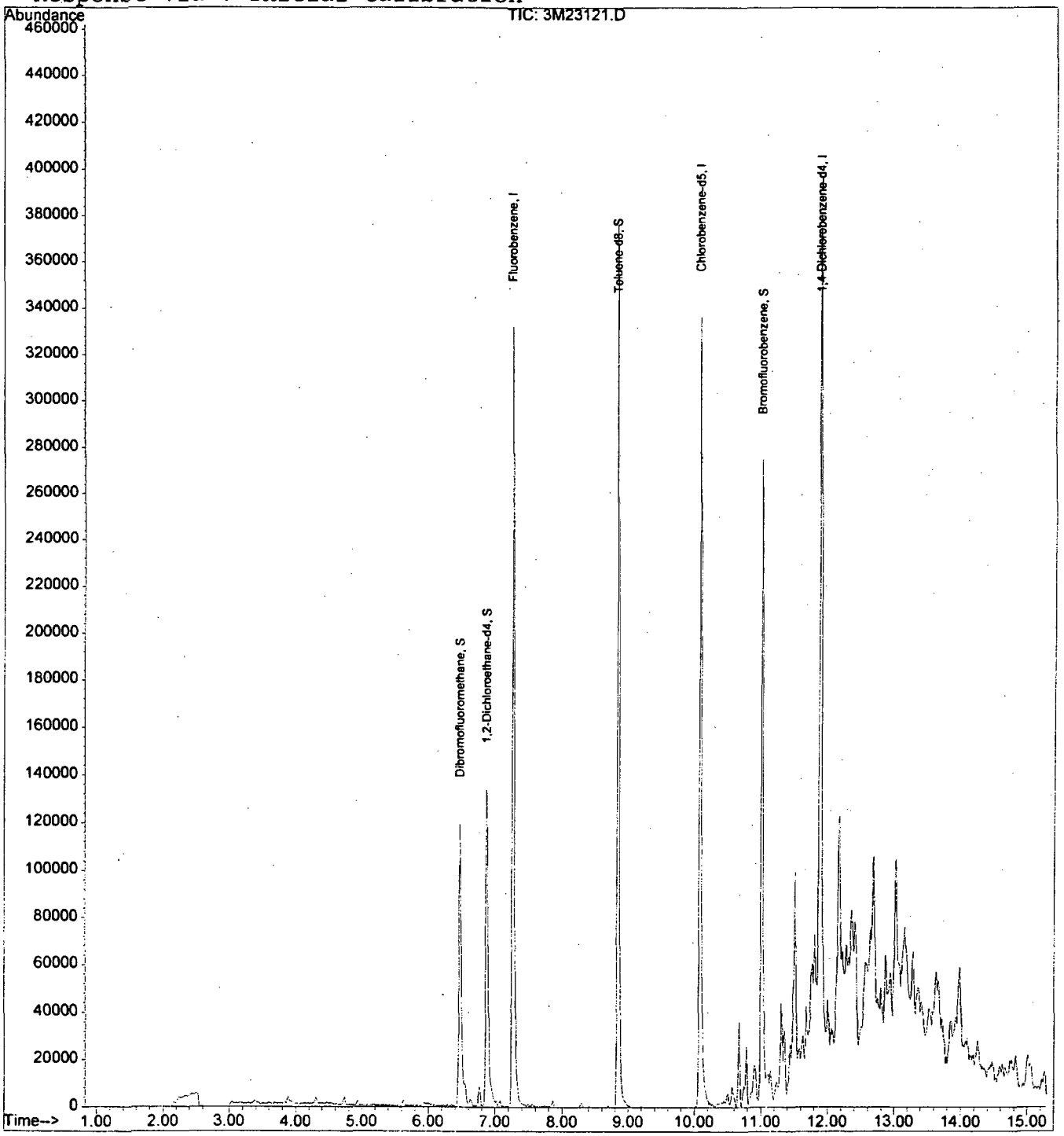
6/7/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23121.D Vial: 23
Acq On : 6 Jun 2006 18:46 Operator: DB
Sample : AC23848-002 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:30 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23848-003
Client Id: SS13E11501200
Data File: 3M23122.D
Analysis Date: 06/06/06 19:10
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 6.43g:10ml
Final Vol: NA
Dilution: 77.8
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.47	U	56-23-5	Carbon Tetrachloride	0.47	U
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	108-90-7	Chlorobenzene	0.47	U
79-00-5	1,1,2-Trichloroethane	0.47	U	75-00-3	Chloroethane	0.47	U
75-34-3	1,1-Dichloroethane	0.47	U	67-66-3	Chloroform	0.47	U
75-35-4	1,1-Dichloroethene	0.47	U	74-87-3	Chloromethane	0.47	U
107-06-2	1,2-Dichloroethane	0.47	U	156-59-2	cis-1,2-Dichloroethene	0.47	U
78-87-5	1,2-Dichloropropane	0.47	U	10061-01-5	cis-1,3-Dichloropropene	0.47	U
78-93-3	2-Butanone	0.47	U	124-48-1	Dibromochloromethane	0.47	U
110-75-8	2-Chloroethylvinylether	0.47	U	100-41-4	Ethylbenzene	0.094	U
591-78-6	2-Hexanone	0.94	U	1330-20-7	m&p-Xylenes	0.19	U
108-10-1	4-Methyl-2-Pentanone	0.47	U	75-09-2	Methylene Chloride	0.47	U
67-64-1	Acetone	2.3	U	95-47-6	o-Xylene	0.094	U
107-02-8	Acrolein	2.3	U	100-42-5	Styrene	0.47	U
107-13-1	Acrylonitrile	0.47	U	127-18-4	Tetrachloroethene	0.47	U
71-43-2	Benzene	0.094	U	108-88-3	Toluene	0.094	U
75-27-4	Bromodichloromethane	0.47	U	156-60-5	trans-1,2-Dichloroethene	0.47	U
75-25-2	Bromoform	0.47	U	10061-02-6	trans-1,3-Dichloropropene	0.47	U
74-83-9	Bromomethane	0.47	U	79-01-6	Trichloroethene	0.47	U
75-15-0	Carbon Disulfide	0.47	U	75-01-4	Vinyl Chloride	0.47	U

Worksheet #: 28680

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-003
Client Id: SS13E11501200
Data File: 3M23122.D
Analysis Date: 06/06/06 19:10
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 6.43g:10ml
Final Vol: NA
Dilution: 77.8
Solids: 83

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 28680

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23122.D Vial: 24
Acq On : 6 Jun 2006 19:10 Operator: DB
Sample : AC23848-003 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:30 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	291574	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	218764	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.89	152	118459	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.48	111	86465	27.44	ug/l	0.02
Spiked Amount 30.000			Recovery =	91.47%		
28) 1,2-Dichloroethane-d4	6.87	67	57458	28.00	ug/l	0.01
Spiked Amount 30.000			Recovery =	93.33%		
50) Toluene-d8	8.85	100	185287	28.21	ug/l	0.02
Spiked Amount 30.000			Recovery =	94.03%		
58) Bromofluorobenzene	11.01	174	90059	26.84	ug/l	0.01
Spiked Amount 30.000			Recovery =	89.47%		

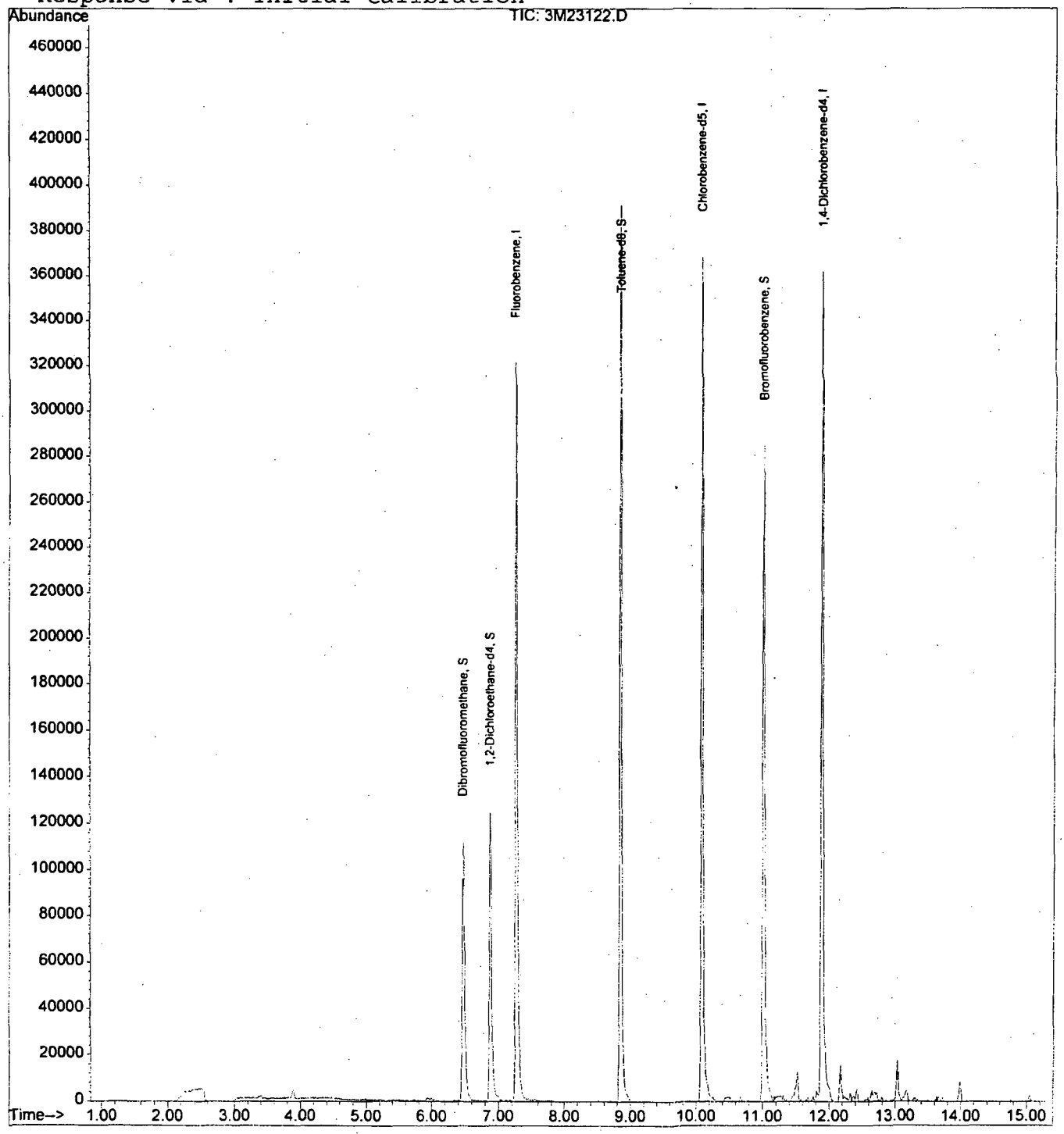
Target Compounds Qvalue

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23122.D Vial: 24
Acq On : 6 Jun 2006 19:10 Operator: DB
Sample : AC23848-003 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:30 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23848-004
Client Id: SS13E17001800
Data File: 3M23123.D
Analysis Date: 06/06/06 19:35
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 5.13g:10ml
Final Vol: NA
Dilution: 97.5
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.63	U	56-23-5	Carbon Tetrachloride	0.63	U
79-34-5	1,1,2,2-Tetrachloroethane	0.63	U	108-90-7	Chlorobenzene	0.63	U
79-00-5	1,1,2-Trichloroethane	0.63	U	75-00-3	Chloroethane	0.63	U
75-34-3	1,1-Dichloroethane	0.63	U	67-66-3	Chloroform	0.63	U
75-35-4	1,1-Dichloroethene	0.63	U	74-87-3	Chloromethane	0.63	U
107-06-2	1,2-Dichloroethane	0.63	U	156-59-2	cis-1,2-Dichloroethene	0.63	U
78-87-5	1,2-Dichloropropane	0.63	U	10061-01-5	cis-1,3-Dichloropropene	0.63	U
78-93-3	2-Butanone	0.63	U	124-48-1	Dibromochloromethane	0.63	U
110-75-8	2-Chloroethylvinylether	0.63	U	100-41-4	Ethylbenzene	0.13	U
591-78-6	2-Hexanone	1.3	U	1330-20-7	m&p-Xylenes	0.25	U
108-10-1	4-Methyl-2-Pentanone	0.63	U	75-09-2	Methylene Chloride	0.63	U
67-64-1	Acetone	3.2	U	95-47-6	o-Xylene	0.13	U
107-02-8	Acrolein	3.2	U	100-42-5	Styrene	0.63	U
107-13-1	Acrylonitrile	0.63	U	127-18-4	Tetrachloroethene	0.63	U
71-43-2	Benzene	0.13	U	108-88-3	Toluene	0.13	U
75-27-4	Bromodichloromethane	0.63	U	156-60-5	trans-1,2-Dichloroethene	0.63	U
75-25-2	Bromoform	0.63	U	10061-02-6	trans-1,3-Dichloropropene	0.63	U
74-83-9	Bromomethane	0.63	U	79-01-6	Trichloroethene	0.63	U
75-15-0	Carbon Disulfide	0.63	U	75-01-4	Vinyl Chloride	0.63	U

Worksheet #: 28680

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-004
Client Id: SS13E17001800
Data File: 3M23123.D
Analysis Date: 06/06/06 19:35
Date Rec/Extracted: 06/05/06-NA

Matrix: Methanol
Extraction Ratio: 5.13g:10ml
Final Vol: NA
Dilution: 97.5
Solids: 77

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		column bleed	2.42	0.38 JB

Worksheet #: 28680

Total Tentatively Identified Concentration 0.38

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23123.D Vial: 25
Acq On : 6 Jun 2006 19:35 Operator: DB
Sample : AC23848-004 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:31 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.27	96	287982	30.00	ug/l	0.01
39) Chlorobenzene-d5	10.08	117	198635	30.00	ug/l	0.01
54) 1,4-Dichlorobenzene-d4	11.89	152	109798	30.00	ug/l	0.01
System Monitoring Compounds						
27) Dibromofluoromethane	6.47	111	95280	30.61	ug/l	0.01
Spiked Amount 30.000			Recovery =	102.03%		
28) 1,2-Dichloroethane-d4	6.87	67	61984	30.59	ug/l	0.01
Spiked Amount 30.000			Recovery =	101.97%		
50) Toluene-d8	8.84	100	167896	28.15	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.83%		
58) Bromofluorobenzene	11.01	174	84636	27.22	ug/l	0.01
Spiked Amount 30.000			Recovery =	90.73%		

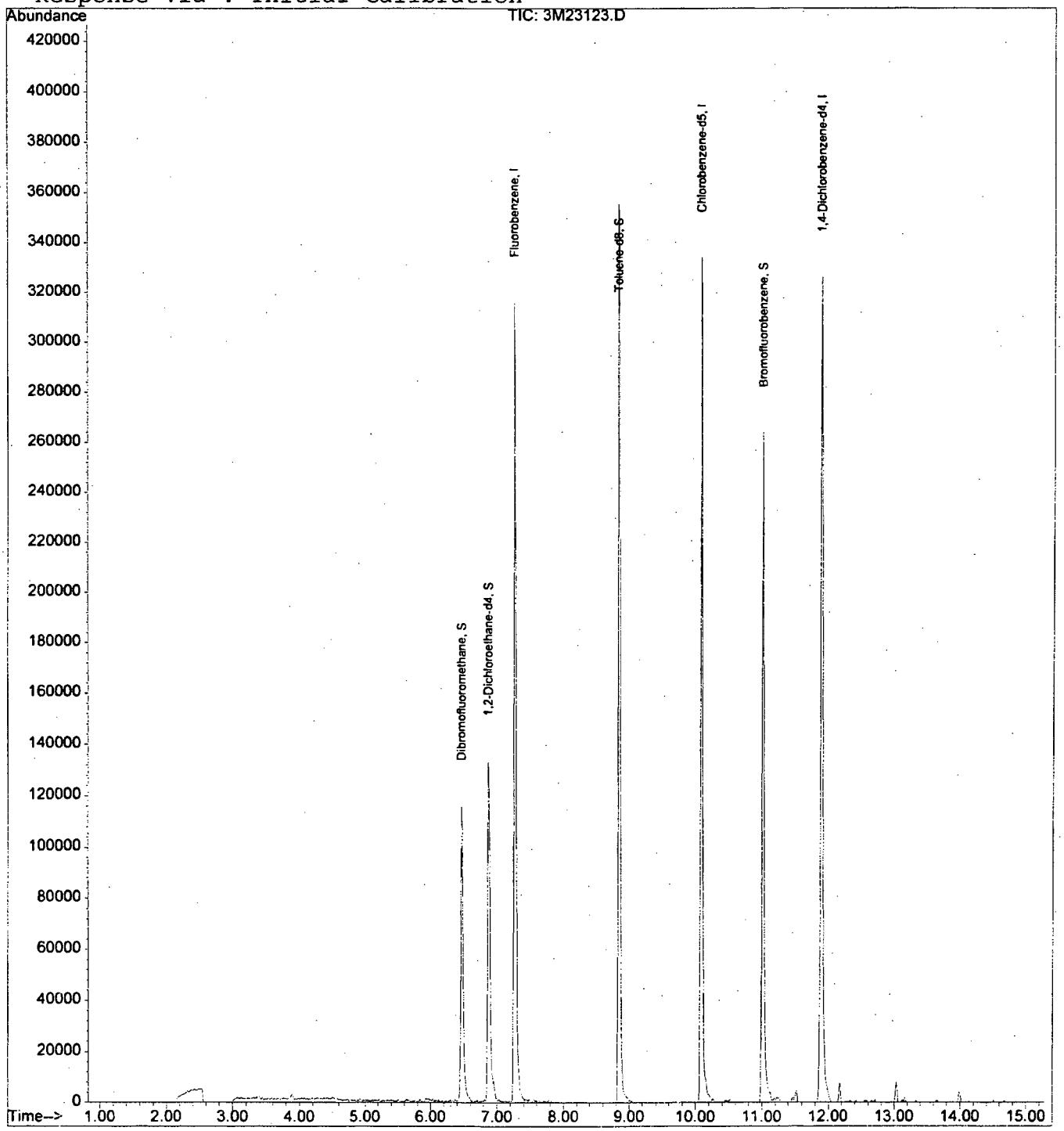
Target Compounds Qvalue

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23123.D Vial: 25
Acq On : 6 Jun 2006 19:35 Operator: DB
Sample : AC23848-004 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:31 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2909
Client Id:
Data File: 5M19383.D
Analysis Date: 06/06/06 12:58
Date Rec/Extracted: NA-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.33	U	108-60-1	bis(2-chloroisopropyl)ether	0.33	U
95-50-1	1,2-Dichlorobenzene	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.33	U
122-66-7	1,2-Diphenylhydrazine	0.33	U	85-68-7	Butylbenzylphthalate	0.33	U
541-73-1	1,3-Dichlorobenzene	0.33	U	86-74-8	Carbazole	0.33	U
106-46-7	1,4-Dichlorobenzene	0.33	U	218-01-9	Chrysene	0.33	U
121-14-2	2,4-Dinitrotoluene	0.33	U	84-74-2	Di-n-butylphthalate	0.33	U
606-20-2	2,6-Dinitrotoluene	0.33	U	117-84-0	Di-n-octylphthalate	0.33	U
91-58-7	2-Chloronaphthalene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
91-57-6	2-Methylnaphthalene	0.33	U	132-64-9	Dibenzofuran	0.33	U
88-74-4	2-Nitroaniline	0.33	U	84-66-2	Diethylphthalate	0.33	U
91-94-1	3,3'-Dichlorobenzidine	0.33	U	131-11-3	Dimethylphthalate	0.33	U
99-09-2	3-Nitroaniline	0.33	U	206-44-0	Fluoranthene	0.33	U
101-55-3	4-Bromophenyl-phenylether	0.33	U	86-73-7	Fluorene	0.33	U
106-47-8	4-Chloroaniline	0.33	U	118-74-1	Hexachlorobenzene	0.33	U
7005-72-3	4-Chlorophenyl-phenylether	0.33	U	87-68-3	Hexachlorobutadiene	0.33	U
100-01-6	4-Nitroaniline	0.33	U	77-47-4	Hexachlorocyclopentadiene	0.83	U
83-32-9	Acenaphthene	0.33	U	67-72-1	Hexachloroethane	0.33	U
208-96-8	Acenaphthylene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
120-12-7	Anthracene	0.33	U	78-59-1	Isophorone	0.33	U
92-87-5	Benzidine	0.83	U	621-64-7	N-Nitroso-di-n-propylamine	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	62-75-9	N-Nitrosodimethylamine	0.83	U
50-32-8	Benzo[a]pyrene	0.33	U	86-30-6	n-Nitrosodiphenylamine	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	98-95-3	Nitrobenzene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	85-01-8	Phenanthrene	0.33	U
111-91-1	bis(2-Chloroethoxy)methan	0.33	U	129-00-0	Pyrene	0.33	U
111-44-4	bis(2-Chloroethyl)ether	0.33	U				

Worksheet #: 28663

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB2909
Client Id:
Data File: 5M19383.D
Analysis Date: 06/06/06 12:58
Date Rec/Extracted: NA-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.49	0.87 J
2	141-79-7	3-Penten-2-one, 4-methyl-	1.95	62 J
3	2213-23-2	Heptane, 2,4-dimethyl-	2.20	0.37 J
4	3221-61-2	Octane, 2-methyl-	2.31	0.68 J
5	2216-30-0	Heptane, 2,5-dimethyl-	2.40	1.7 J
6	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.55	16 JA
7		unknown	6.85	0.21 J

Worksheet #: 28663

Total Tentatively Identified Concentration 81.83

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19383.D Vial: 15
Acq On : 6 Jun 2006 12:58 Operator: AHD
Sample : SMB2909 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 14:38 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	12739	40.00	ng	-0.09
20) Naphthalene-d8	5.75	136	51657	40.00	ng	-0.08
36) Acenaphthene-d10	7.04	164	30220	40.00	ng	-0.09
61) Phenanthrene-d10	8.33	188	53134	40.00	ng	-0.11
77) Chrysene-d12	11.24	240	46702	40.00	ng	-0.13
88) Perylene-d12	12.81	264	34690	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.17	112	73063	181.96	ng	-0.14
Spiked Amount 200.000			Recovery = 90.98%			
8) Phenol-d5	4.41	99	106738	174.77	ng	-0.08
Spiked Amount 200.000			Recovery = 87.39%			
21) Nitrobenzene-d5	5.18	128	18406	89.26	ng	-0.08
Spiked Amount 100.000			Recovery = 89.26%			
41) 2-Fluorobiphenyl	6.56	172	92500	98.40	ng	-0.08
Spiked Amount 100.000			Recovery = 98.40%			
64) 2,4,6-Tribromophenol	7.70	330	19315	219.20	ng	-0.09
Spiked Amount 200.000			Recovery = 109.60%			
80) Terphenyl-d14	10.06	244	114330	117.66	ng	-0.11
Spiked Amount 100.000			Recovery = 117.66%			

Target Compounds Qvalue

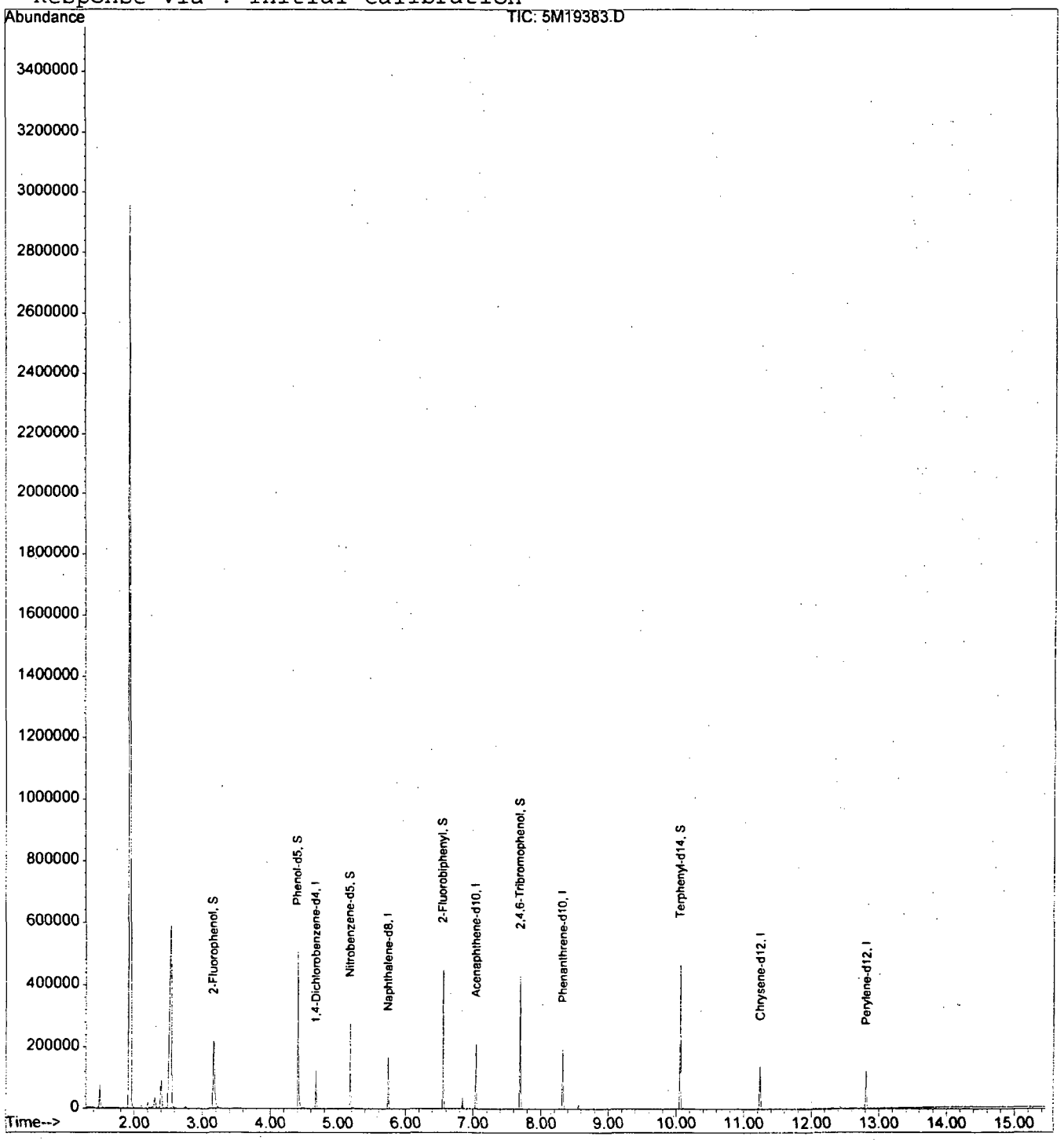
1/6/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19383.D Vial: 15
Acq On : 6 Jun 2006 12:58 Operator: AHD
Sample : SMB2909 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 6 14:38 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23848-001
Client Id: SS13E19502000
Data File: 5M19398.D
Analysis Date: 06/06/06 18:16
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 87

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.38	U	108-60-1	bis(2-chloroisopropyl)ether	0.38	U
95-50-1	1,2-Dichlorobenzene	0.38	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.38	U
122-66-7	1,2-Diphenylhydrazine	0.38	U	85-68-7	Butylbenzylphthalate	0.38	U
541-73-1	1,3-Dichlorobenzene	0.38	U	86-74-8	Carbazole	0.38	U
106-46-7	1,4-Dichlorobenzene	0.38	U	218-01-9	Chrysene	0.38	U
121-14-2	2,4-Dinitrotoluene	0.38	U	84-74-2	Di-n-butylphthalate	0.38	U
606-20-2	2,6-Dinitrotoluene	0.38	U	117-84-0	Di-n-octylphthalate	0.38	U
91-58-7	2-Chloronaphthalene	0.38	U	53-70-3	Dibenzo[a,h]anthracene	0.38	U
91-57-6	2-Methylnaphthalene	0.38	U	132-64-9	Dibenzofuran	0.38	U
88-74-4	2-Nitroaniline	0.38	U	84-66-2	Diethylphthalate	0.38	U
91-94-1	3,3'-Dichlorobenzidine	0.38	U	131-11-3	Dimethylphthalate	0.38	U
99-09-2	3-Nitroaniline	0.38	U	206-44-0	Fluoranthene	0.38	U
101-55-3	4-Bromophenyl-phenylether	0.38	U	86-73-7	Fluorene	0.38	U
106-47-8	4-Chloroaniline	0.38	U	118-74-1	Hexachlorobenzene	0.38	U
7005-72-3	4-Chlorophenyl-phenylether	0.38	U	87-68-3	Hexachlorobutadiene	0.38	U
100-01-6	4-Nitroaniline	0.38	U	77-47-4	Hexachlorocyclopentadiene	0.96	U
83-32-9	Acenaphthene	0.38	U	67-72-1	Hexachloroethane	0.38	U
208-96-8	Acenaphthylene	0.38	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.38	U
120-12-7	Anthracene	0.38	U	78-59-1	Isophorone	0.38	U
92-87-5	Benzidine	0.96	U	621-64-7	N-Nitroso-di-n-propylamine	0.38	U
56-55-3	Benzo[a]anthracene	0.38	U	62-75-9	N-Nitrosodimethylamine	0.96	U
50-32-8	Benzo[a]pyrene	0.38	U	86-30-6	n-Nitrosodiphenylamine	0.38	U
205-99-2	Benzo[b]fluoranthene	0.38	U	91-20-3	Naphthalene	0.38	U
191-24-2	Benzo[g,h,i]perylene	0.38	U	98-95-3	Nitrobenzene	0.38	U
207-08-9	Benzo[k]fluoranthene	0.38	U	**85-01-8**	**Phenanthrene**	**0.38**	**0.048 J**
111-91-1	bis(2-Chloroethoxy)methan	0.38	U	**129-00-0**	**Pyrene**	**0.38**	**0.043 J**
111-44-4	bis(2-Chloroethyl)ether	0.38	U				

Worksheet #: 28677

Total Target Concentration 0.091

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-001
Client Id: SS13E19502000
Data File: 5M19398.D
Analysis Date: 06/06/06 18:16
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 87

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.49	0.96 JB
2	141-79-7	3-Penten-2-one, 4-methyl-	1.95	67 JB
3	2213-23-2	Heptane, 2,4-dimethyl-	2.20	0.46 JB
4	3221-61-2	Octane, 2-methyl-	2.31	0.91 JB
5	2216-30-0	Heptane, 2,5-dimethyl-	2.40	2.0 JB
6	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.55	14 JAB
7	3074-71-3	Heptane, 2,3-dimethyl-	2.76	0.35 J
8	3221-61-2	Octane, 2-methyl-	2.94	0.92 J

Worksheet #: 28677

Total Tentatively Identified Concentration 86.6

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

0050

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19398.D Vial: 23
Acq On : 6 Jun 2006 18:16 Operator: AHD
Sample : AC23848-001 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:21 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	15010	40.00	ng	-0.09
20) Naphthalene-d8	5.75	136	61681	40.00	ng	-0.08
36) Acenaphthene-d10	7.04	164	36033	40.00	ng	-0.09
61) Phenanthrene-d10	8.33	188	63809	40.00	ng	-0.11
77) Chrysene-d12	11.24	240	55498	40.00	ng	-0.13
88) Perylene-d12	12.81	264	37866	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.17	112	80531	170.22	ng	-0.14
Spiked Amount 200.000			Recovery =	85.11%		
8) Phenol-d5	4.41	99	120819	167.89	ng	-0.08
Spiked Amount 200.000			Recovery =	83.94%		
21) Nitrobenzene-d5	5.18	128	21268	86.38	ng	-0.08
Spiked Amount 100.000			Recovery =	86.38%		
41) 2-Fluorobiphenyl	6.56	172	106206	94.76	ng	-0.08
Spiked Amount 100.000			Recovery =	94.76%		
64) 2,4,6-Tribromophenol	7.70	330	22763	215.11	ng	-0.09
Spiked Amount 200.000			Recovery =	107.56%		
80) Terphenyl-d14	10.06	244	129948	112.54	ng	-0.11
Spiked Amount 100.000			Recovery =	112.54%		
Target Compounds						Qvalue
70) Phenanthrene	8.35	178	3308	1.26	ng	99
78) Pyrene	9.84	202	2751	1.11	ng	95

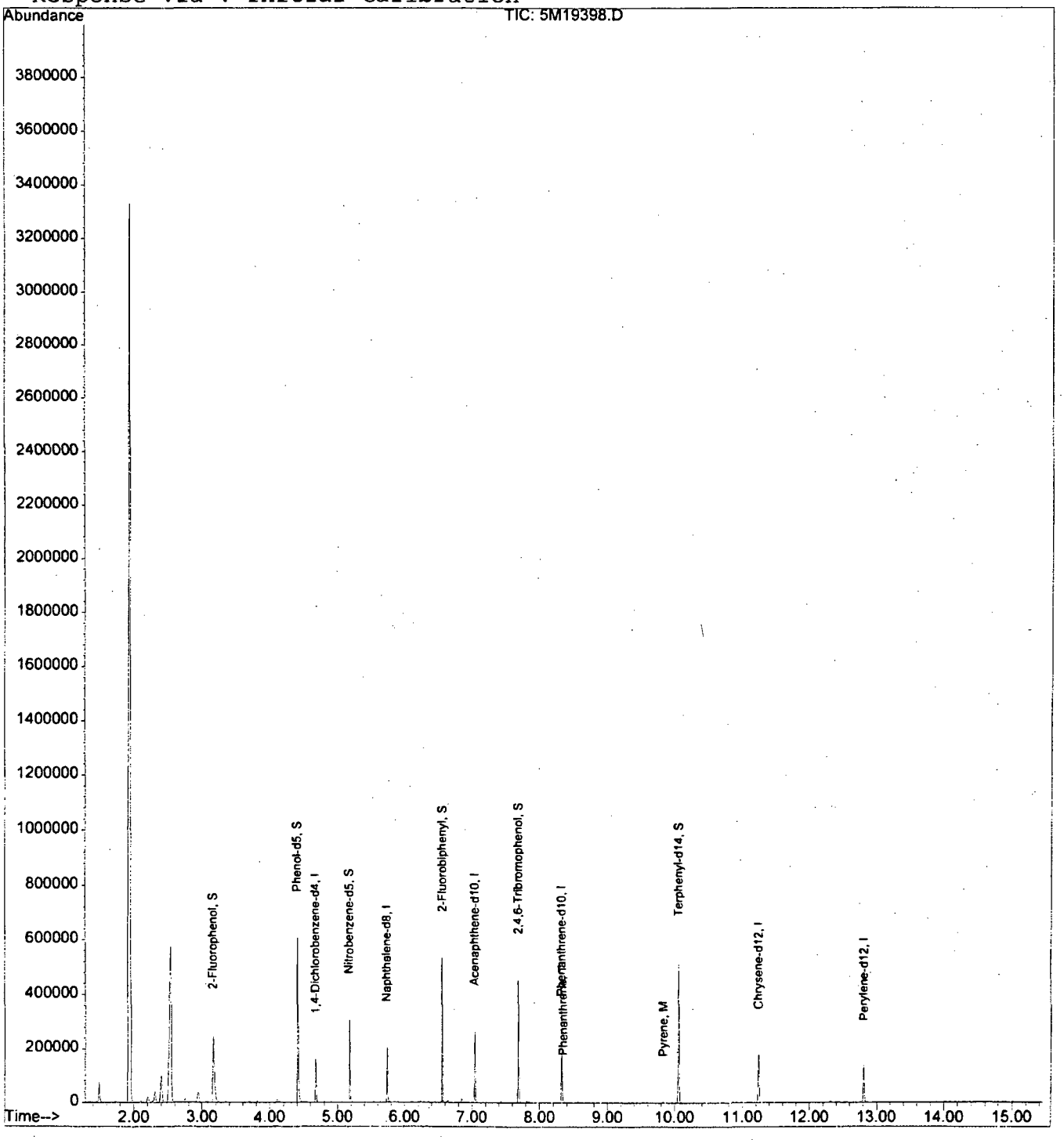
1672

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19398.D Vial: 23
Acq On : 6 Jun 2006 18:16 Operator: AHD
Sample : AC23848-001 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 13:21 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23848-002
Client Id: 5S13E15001550
Data File: 5M19399.D
Analysis Date: 06/06/06 18:37
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.42	U	108-60-1	bis(2-chloroisopropyl)ether	0.42	U
95-50-1	1,2-Dichlorobenzene	0.42	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.42**	**0.18 J**
122-66-7	1,2-Diphenylhydrazine	0.42	U	85-68-7	Butylbenzylphthalate	0.42	U
541-73-1	1,3-Dichlorobenzene	0.42	U	**86-74-8**	**Carbazole**	**0.42**	**0.11 J**
106-46-7	1,4-Dichlorobenzene	0.42	U	**218-01-9**	**Chrysene**	**0.42**	**1.9**
121-14-2	2,4-Dinitrotoluene	0.42	U	84-74-2	Di-n-butylphthalate	0.42	U
606-20-2	2,6-Dinitrotoluene	0.42	U	117-84-0	Di-n-octylphthalate	0.42	U
91-58-7	2-Chloronaphthalene	0.42	U	**53-70-3**	**Dibenzo[a,h]anthracene**	**0.42**	**0.18 J**
91-57-6	2-Methylnaphthalene	0.42	U	132-64-9	Dibenzofuran	0.42	U
88-74-4	2-Nitroaniline	0.42	U	84-66-2	Diethylphthalate	0.42	U
91-94-1	3,3'-Dichlorobenzidine	0.42	U	131-11-3	Dimethylphthalate	0.42	U
99-09-2	3-Nitroaniline	0.42	U	**206-44-0**	**Fluoranthene**	**0.42**	**2.9**
101-55-3	4-Bromophenyl-phenylether	0.42	U	**86-73-7**	**Fluorene**	**0.42**	**0.13 J**
106-47-8	4-Chloroaniline	0.42	U	118-74-1	Hexachlorobenzene	0.42	U
7005-72-3	4-Chlorophenyl-phenylether	0.42	U	87-68-3	Hexachlorobutadiene	0.42	U
100-01-6	4-Nitroaniline	0.42	U	77-47-4	Hexachlorocyclopentadiene	1.1	U
83-32-9	Acenaphthene	0.42	U	67-72-1	Hexachloroethane	0.42	U
208-96-8	**Acenaphthylene**	**0.42**	**0.22 J**	**193-39-5**	**Indeno[1,2,3-cd]pyrene**	**0.42**	**0.55**
120-12-7	**Anthracene**	**0.42**	**0.32 J**	78-59-1	Isophorone	0.42	U
92-87-5	Benzidine	1.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.42	U
56-55-3	**Benzo[a]anthracene**	**0.42**	**1.9**	62-75-9	N-Nitrosodimethylamine	1.1	U
50-32-8	**Benzo[a]pyrene**	**0.42**	**1.0**	86-30-6	n-Nitrosodiphenylamine	0.42	U
205-99-2	**Benzo[b]fluoranthene**	**0.42**	**1.4**	91-20-3	Naphthalene	0.42	U
191-24-2	**Benzo[g,h,i]perylene**	**0.42**	**0.62**	98-95-3	Nitrobenzene	0.42	U
207-08-9	**Benzo[k]fluoranthene**	**0.42**	**0.57**	**85-01-8**	**Phenanthrene**	**0.42**	**0.30 J**
111-91-1	bis(2-Chloroethoxy)methan	0.42	U	**129-00-0**	**Pyrene**	**0.42**	**5.4**
111-44-4	bis(2-Chloroethyl)ether	0.42	U				

Worksheet #: 28663

Total Target Concentration 17.68

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-002
Client Id: 5S13E15001550
Data File: 5M19399.D
Analysis Date: 06/06/06 18:37
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 79

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	1.95	17 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.54	3.2 JAB
3	17312-82-2	Undecane, 4,6-dimethyl-	5.84	1.0 J
4	17312-82-2	Undecane, 4,6-dimethyl-	6.11	1.1 J
5	2437-56-1	1-Tridecene	6.21	1.5 J
6	629-78-7	Heptadecane	6.24	5.0 J
7	629-59-4	Tetradecane	6.65	1.7 J
8		unknown	7.82	3.6 J
9	629-78-7	Heptadecane	7.86	2.8 J
10	4713-41-1	PIPERITONE SEMICARBAZONE	8.13	1.0 J
11	56426-91-6	1-Acetyl-4-methyldibenzofuran	8.25	1.9 J
12	629-59-4	Tetradecane	8.72	1.0 J
13	77787-40-7	2,3-Dimethoxy-1-phenyl-5,5-dimethylcyc	9.38	1.0 J
14	7478-16-2	1,2,4-Triazine, 3-methoxy-5,6-diphenyl-	11.14	0.89 J
15		unknown	11.93	1.2 J

Worksheet #: 28663

Total Tentatively Identified Concentration 43.89

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19399.D Vial: 24
Acq On : 6 Jun 2006 18:37 Operator: AHD
Sample : AC23848-002 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:42 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	14608	40.00	ng	-0.09
20) Naphthalene-d8	5.75	136	57622	40.00	ng	-0.08
36) Acenaphthene-d10	7.04	164	40259	40.00	ng	-0.09
61) Phenanthrene-d10	8.33	188	57248	40.00	ng	-0.10
77) Chrysene-d12	11.24	240	47287	40.00	ng	-0.13
88) Perylene-d12	12.81	264	32630	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.17	112	78552	170.60	ng	-0.14
Spiked Amount 200.000			Recovery =	85.30%		
8) Phenol-d5	4.41	99	117624	167.95	ng	-0.08
Spiked Amount 200.000			Recovery =	83.97%		
21) Nitrobenzene-d5	5.18	128	19757	85.90	ng	-0.08
Spiked Amount 100.000			Recovery =	85.90%		
41) 2-Fluorobiphenyl	6.56	172	98593	78.73	ng	-0.08
Spiked Amount 100.000			Recovery =	78.73%		
64) 2,4,6-Tribromophenol	7.70	330	21120	222.46	ng	-0.09
Spiked Amount 200.000			Recovery =	111.23%		
80) Terphenyl-d14	10.07	244	110418	112.23	ng	-0.11
Spiked Amount 100.000			Recovery =	112.23%		
Target Compounds						Qvalue
47) Acenaphthylene	6.94	152	13623	5.12	ng	95
57) Fluorene	7.49	166	6276	3.18	ng	82
70) Phenanthrene	8.35	178	16840	7.14	ng	93
71) Anthracene	8.41	178	17618	7.53	ng	98
72) Carbazole	8.59	167	4315	2.72	ng	81
76) Fluoranthene	9.60	202	176254	67.62	ng	97
78) Pyrene	9.84	202	270977	128.63	ng	92
85) Benzo[a]anthracene	11.23	228	95143	44.93	ng	99
86) Chrysene	11.28	228	82816	44.14	ng	99
87) bis(2-Ethylhexyl)phthalate	11.39	149	4773	4.15	ng	85
90) Benzo[b]fluoranthene	12.43	252	63913m	33.49	ng	
91) Benzo[k]fluoranthene	12.46	252	24093m	13.55	ng	
92) Benzo[a]pyrene	12.76	252	43178	24.65	ng	96
93) Indeno[1,2,3-cd]pyrene	13.81	276	23449	13.08	ng	99
94) Dibenzo[a,h]anthracene	13.83	278	6597	4.38	ng	91
95) Benzo[g,h,i]perylene	14.04	276	21965	14.58	ng	91

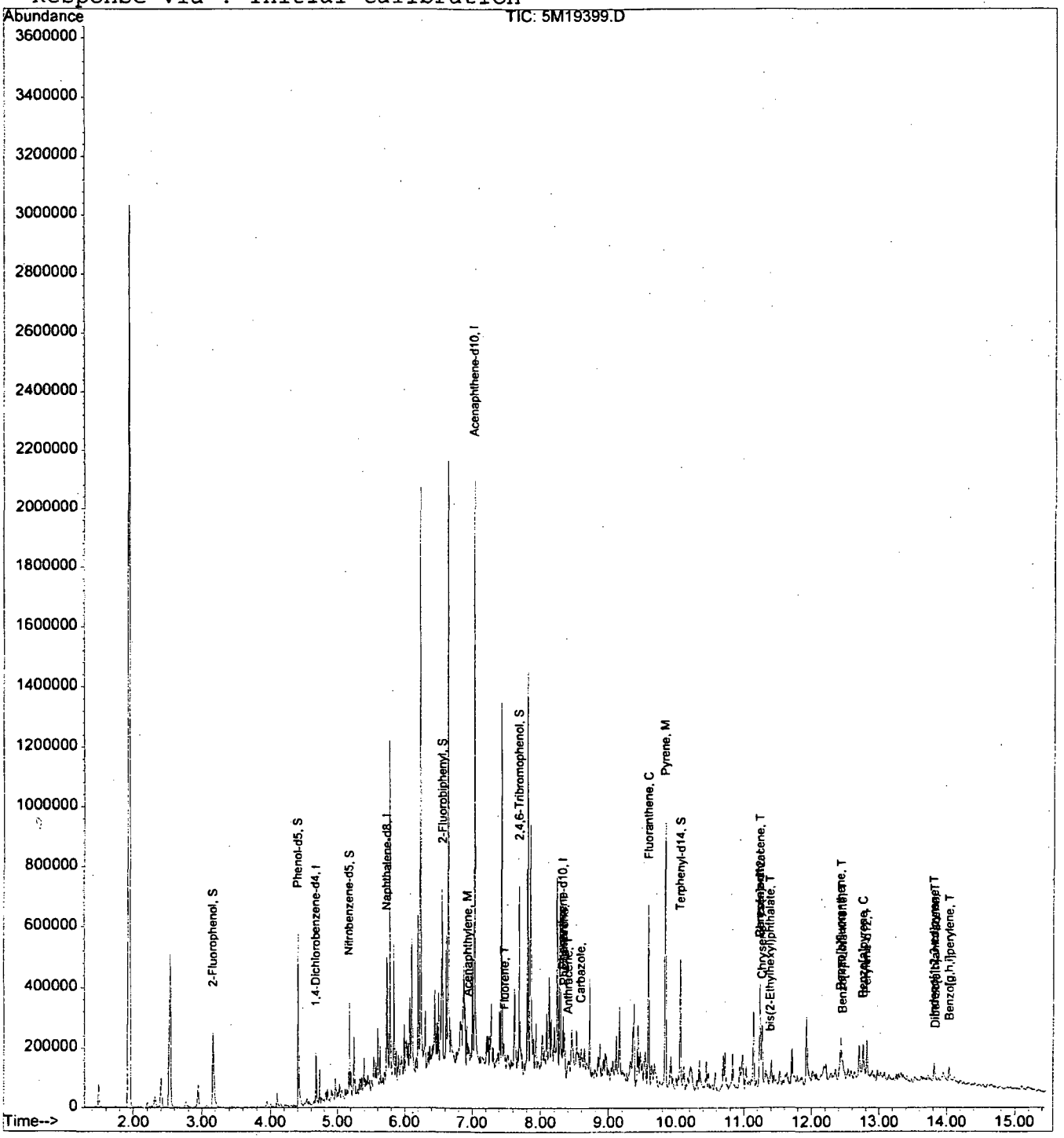
m676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19399.D Vial: 24
Acq On : 6 Jun 2006 18:37 Operator: AHD
Sample : AC23848-002 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:42 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23848-003
Client Id: 5S13E11501200
Data File: 5M19400.D
Analysis Date: 06/06/06 18:58
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.40	U	108-60-1	bis(2-chloroisopropyl)ether	0.40	U
95-50-1	1,2-Dichlorobenzene	0.40	U	**117-81-7**	**bis(2-Ethylhexyl)phthalat**	**0.40**	**0.040 J**
122-66-7	1,2-Diphenylhydrazine	0.40	U	85-68-7	Butylbenzylphthalate	0.40	U
541-73-1	1,3-Dichlorobenzene	0.40	U	86-74-8	Carbazole	0.40	U
106-46-7	1,4-Dichlorobenzene	0.40	U	218-01-9	Chrysene	0.40	U
121-14-2	2,4-Dinitrotoluene	0.40	U	84-74-2	Di-n-butylphthalate	0.40	U
606-20-2	2,6-Dinitrotoluene	0.40	U	117-84-0	Di-n-octylphthalate	0.40	U
91-58-7	2-Chloronaphthalene	0.40	U	53-70-3	Dibenzo[a,h]anthracene	0.40	U
91-57-6	2-Methylnaphthalene	0.40	U	132-64-9	Dibenzofuran	0.40	U
88-74-4	2-Nitroaniline	0.40	U	84-66-2	Diethylphthalate	0.40	U
91-94-1	3,3'-Dichlorobenzidine	0.40	U	131-11-3	Dimethylphthalate	0.40	U
99-09-2	3-Nitroaniline	0.40	U	206-44-0	Fluoranthene	0.40	U
101-55-3	4-Bromophenyl-phenylether	0.40	U	86-73-7	Fluorene	0.40	U
106-47-8	4-Chloroaniline	0.40	U	118-74-1	Hexachlorobenzene	0.40	U
7005-72-3	4-Chlorophenyl-phenylether	0.40	U	87-68-3	Hexachlorobutadiene	0.40	U
100-01-6	4-Nitroaniline	0.40	U	77-47-4	Hexachlorocyclopentadiene	1.0	U
83-32-9	Acenaphthene	0.40	U	67-72-1	Hexachloroethane	0.40	U
208-96-8	Acenaphthylene	0.40	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.40	U
120-12-7	Anthracene	0.40	U	78-59-1	Isophorone	0.40	U
92-87-5	Benzidine	1.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.40	U
56-55-3	Benzo[a]anthracene	0.40	U	62-75-9	N-Nitrosodimethylamine	1.0	U
50-32-8	Benzo[a]pyrene	0.40	U	86-30-6	n-Nitrosodiphenylamine	0.40	U
205-99-2	Benzo[b]fluoranthene	0.40	U	91-20-3	Naphthalene	0.40	U
191-24-2	Benzo[g,h,i]perylene	0.40	U	98-95-3	Nitrobenzene	0.40	U
207-08-9	Benzo[k]fluoranthene	0.40	U	85-01-8	Phenanthrene	0.40	U
111-91-1	bis(2-Chloroethoxy)methan	0.40	U	129-00-0	Pyrene	0.40	U
111-44-4	bis(2-Chloroethyl)ether	0.40	U				

Worksheet #: 28663

Total Target Concentration 0.04

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-003
Client Id: 5S13E11501200
Data File: 5M19400.D
Analysis Date: 06/06/06 18:58
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 83

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.49	0.83 JB
2	141-79-7	3-Penten-2-one, 4-methyl-	1.94	56 JB
3	3221-61-2	Octane, 2-methyl-	2.31	0.44 JB
4	2216-30-0	Heptane, 2,5-dimethyl-	2.40	1.4 JB
5	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.54	11 JAB
6		unknown	2.76	0.36 J
7	3221-61-2	Octane, 2-methyl-	2.94	1.3 J
8		unknown	4.10	0.39 J

Worksheet #: 28663

Total Tentatively Identified Concentration 71.72

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19400.D Vial: 25
Acq On : 6 Jun 2006 18:58 Operator: AHD
Sample : AC23848-003 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:43 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	14484	40.00	ng	-0.09
20) Naphthalene-d8	5.75	136	59823	40.00	ng	-0.08
36) Acenaphthene-d10	7.04	164	35619	40.00	ng	-0.09
61) Phenanthrene-d10	8.33	188	64778	40.00	ng	-0.11
77) Chrysene-d12	11.24	240	54877	40.00	ng	-0.13
88) Perylene-d12	12.81	264	35325	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.17	112	77466	169.68	ng	-0.14
Spiked Amount 200.000			Recovery =	84.84%		
8) Phenol-d5	4.41	99	117749	169.57	ng	-0.08
Spiked Amount 200.000			Recovery =	84.79%		
21) Nitrobenzene-d5	5.18	128	20530	85.97	ng	-0.08
Spiked Amount 100.000			Recovery =	85.97%		
41) 2-Fluorobiphenyl	6.56	172	100938	91.10	ng	-0.08
Spiked Amount 100.000			Recovery =	91.10%		
64) 2,4,6-Tribromophenol	7.70	330	22988	213.98	ng	-0.09
Spiked Amount 200.000			Recovery =	106.99%		
80) Terphenyl-d14	10.06	244	127294	111.49	ng	-0.11
Spiked Amount 100.000			Recovery =	111.49%		
Target Compounds						Qvalue
87) bis(2-Ethylhexyl)phthalate	11.39	149	1336	1.00	ng	91

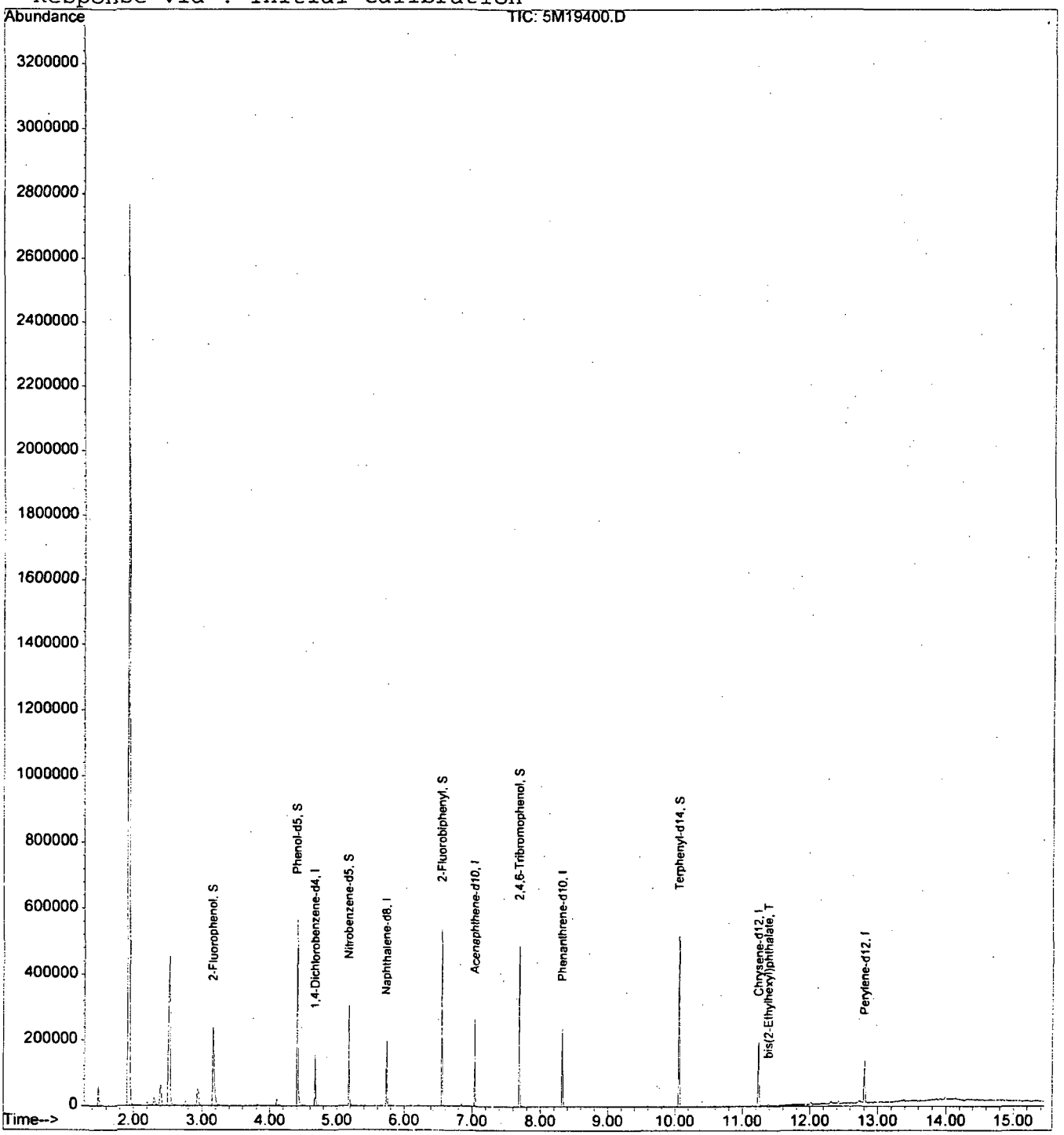
1h676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19400.D Vial: 25
Acq On : 6 Jun 2006 18:58 Operator: AHD
Sample : AC23848-003 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:43 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23848-004
Client Id: 5S13E17001800
Data File: 5M19401.D
Analysis Date: 06/06/06 19:19
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.43	U	108-60-1	bis(2-chloroisopropyl)ether	0.43	U
95-50-1	1,2-Dichlorobenzene	0.43	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.43	U
122-66-7	1,2-Diphenylhydrazine	0.43	U	85-68-7	Butylbenzylphthalate	0.43	U
541-73-1	1,3-Dichlorobenzene	0.43	U	86-74-8	Carbazole	0.43	U
106-46-7	1,4-Dichlorobenzene	0.43	U	218-01-9	Chrysene	0.43	U
121-14-2	2,4-Dinitrotoluene	0.43	U	84-74-2	Di-n-butylphthalate	0.43	U
606-20-2	2,6-Dinitrotoluene	0.43	U	117-84-0	Di-n-octylphthalate	0.43	U
91-58-7	2-Chloronaphthalene	0.43	U	53-70-3	Dibenzo[a,h]anthracene	0.43	U
91-57-6	2-Methylnaphthalene	0.43	U	132-64-9	Dibenzofuran	0.43	U
88-74-4	2-Nitroaniline	0.43	U	84-66-2	Diethylphthalate	0.43	U
91-94-1	3,3'-Dichlorobenzidine	0.43	U	131-11-3	Dimethylphthalate	0.43	U
99-09-2	3-Nitroaniline	0.43	U	206-44-0	Fluoranthene	0.43	U
101-55-3	4-Bromophenyl-phenylether	0.43	U	86-73-7	Fluorene	0.43	U
106-47-8	4-Chloroaniline	0.43	U	118-74-1	Hexachlorobenzene	0.43	U
7005-72-3	4-Chlorophenyl-phenylether	0.43	U	87-68-3	Hexachlorobutadiene	0.43	U
100-01-6	4-Nitroaniline	0.43	U	77-47-4	Hexachlorocyclopentadiene	1.1	U
83-32-9	Acenaphthene	0.43	U	67-72-1	Hexachloroethane	0.43	U
208-96-8	Acenaphthylene	0.43	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.43	U
120-12-7	Anthracene	0.43	U	78-59-1	Isophorone	0.43	U
92-87-5	Benzidine	1.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.43	U
56-55-3	Benzo[a]anthracene	0.43	U	62-75-9	N-Nitrosodimethylamine	1.1	U
50-32-8	Benzo[a]pyrene	0.43	U	86-30-6	n-Nitrosodiphenylamine	0.43	U
205-99-2	Benzo[b]fluoranthene	0.43	U	91-20-3	Naphthalene	0.43	U
191-24-2	Benzo[g,h,i]perylene	0.43	U	98-95-3	Nitrobenzene	0.43	U
207-08-9	Benzo[k]fluoranthene	0.43	U	85-01-8	Phenanthrene	0.43	U
111-91-1	bis(2-Chloroethoxy)methan	0.43	U	129-00-0	Pyrene	0.43	U
111-44-4	bis(2-Chloroethyl)ether	0.43	U				

Worksheet #: 28663

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23848-004
Client Id: 5S13E17001800
Data File: 5M19401.D
Analysis Date: 06/06/06 19:19
Date Rec/Extracted: 06/05/06-06/06/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 77

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	109-49-9	5-Hexen-2-one	1.49	0.90 JB
2	141-79-7	3-Penten-2-one, 4-methyl-	1.95	59 JB
3	3221-61-2	Octane, 2-methyl-	2.31	0.26 JB
4	2216-30-0	Heptane, 2,5-dimethyl-	2.41	0.77 JB
5	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.55	12 JAB
6	3221-61-2	Octane, 2-methyl-	2.95	0.92 J

Worksheet #: 28663

Total Tentatively Identified Concentration 73.85

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19401.D Vial: 26
Acq On : 6 Jun 2006 19:19 Operator: AHD
Sample : AC23848-004 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:43 2006 Quant Results File: 5M_0526.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.68	152	17253	40.00	ng	-0.09
20) Naphthalene-d8	5.75	136	69534	40.00	ng	-0.08
36) Acenaphthene-d10	7.04	164	40239	40.00	ng	-0.09
61) Phenanthrene-d10	8.33	188	69530	40.00	ng	-0.11
77) Chrysene-d12	11.24	240	57903	40.00	ng	-0.13
88) Perylene-d12	12.81	264	40917	40.00	ng	-0.13
System Monitoring Compounds						
4) 2-Fluorophenol	3.17	112	86354	158.80	ng	-0.14
Spiked Amount 200.000			Recovery = 79.40%			
8) Phenol-d5	4.41	99	130401	157.65	ng	-0.08
Spiked Amount 200.000			Recovery = 78.83%			
21) Nitrobenzene-d5	5.18	128	22464	80.94	ng	-0.08
Spiked Amount 100.000			Recovery = 80.94%			
41) 2-Fluorobiphenyl	6.56	172	112583	89.95	ng	-0.08
Spiked Amount 100.000			Recovery = 89.95%			
64) 2,4,6-Tribromophenol	7.70	330	25814	223.87	ng	-0.09
Spiked Amount 200.000			Recovery = 111.94%			
80) Terphenyl-d14	10.06	244	139336	115.66	ng	-0.11
Spiked Amount 100.000			Recovery = 115.66%			
Target Compounds						Qvalue

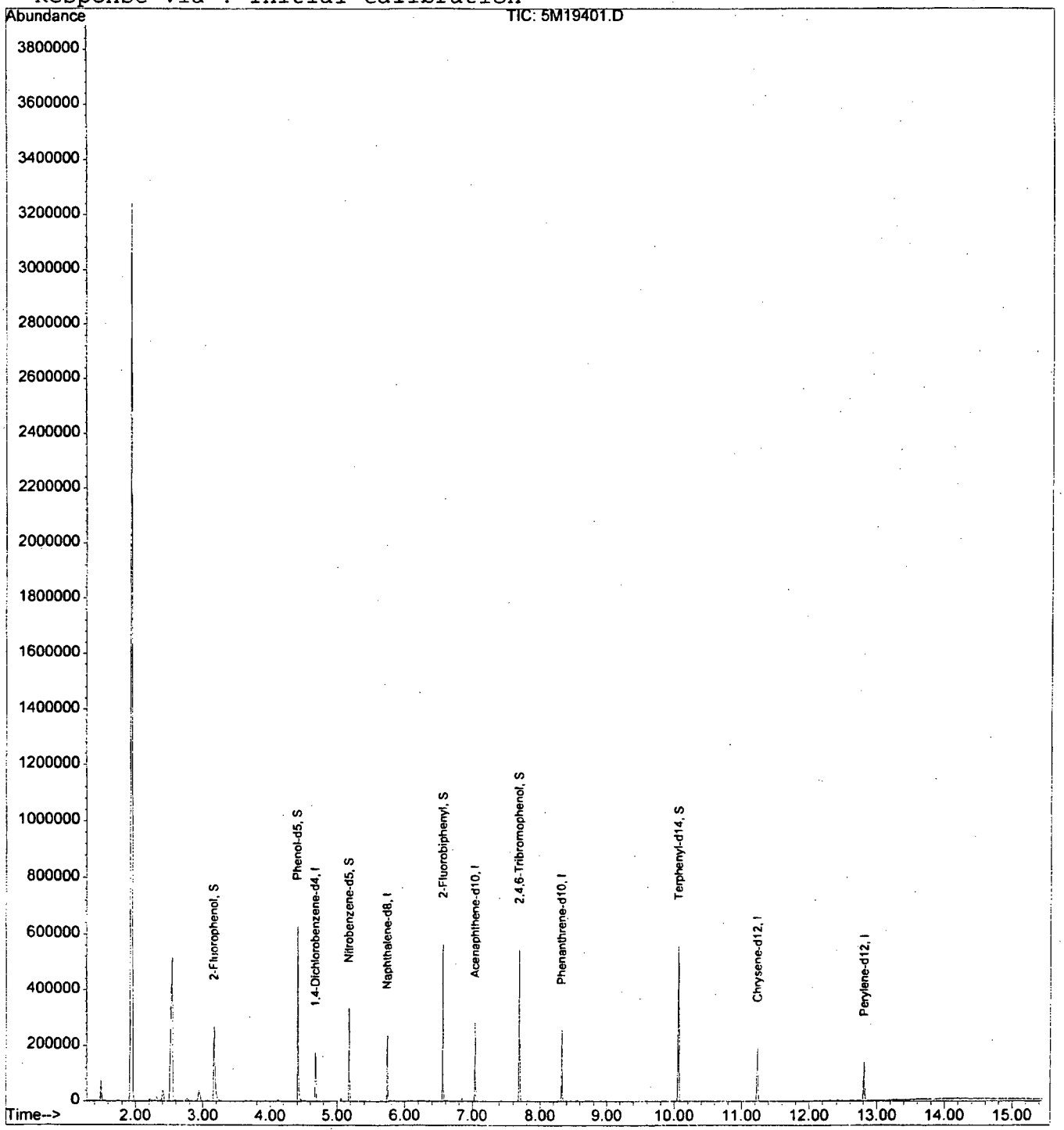
11676

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19401.D Vial: 26
Acq On : 6 Jun 2006 19:19 Operator: AHD
Sample : AC23848-004 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 7 11:43 2006 Quant Results File: 5M_0526.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Tue May 30 09:22:46 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 6060512**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC23848-001	SS13E19502000	Soil/Encore	1	87	Percent			06/06/06	06/05/06	06/05/06
AC23848-002	SS13E15001550	Soil/Encore	1	79	Percent			06/06/06	06/05/06	06/05/06
AC23848-003	SS13E11501200	Soil/Encore	1	83	Percent			06/06/06	06/05/06	06/05/06
AC23848-004	SS13E17001800	Soil/Encore	1	77	Percent			06/06/06	06/05/06	06/05/06

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3M23055	DAILY BLANK	Methanol	1		95	92	96	94		
3M23102	DAILY BLANK	Methanol	1		106	107	95	95		
3M23120	AC23848-001	Methanol	1		96	100	89	91		
3M23121	AC23848-002	Methanol	1		97	100	99	91		
3M23122	AC23848-003	Methanol	1		91	93	94	89		
3M23123	AC23848-004	Methanol	1		102	102	94	91		
3M23062	MBS3583	Methanol	1		96	98	95	95		
3M23064	AC23801-013(MS)	Methanol	1		94	96	94	97		
3M23065	AC23801-013(MSD)	Methanol	1		92	93	92	96		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	50-150
S2=1,2-Dichloroethane-d4	30	80-120
S3=Toluene-d8	30	81-117
S4=Bromofluorobenzene	30	74-121

FORM 3
Spike Recovery

Batch Number: MBS3583
Mbs Name: MBS3583
Ns Name: AC23801-013
Ms Name: AC23801-013(MS)
Msd Name: AC23801-013(MS

Mbs File: 3M23062.D
Non Spk'd File: 3M23059.D
Spike File: 3M23064.D
Spike Dup File: 3M23065.D
Matrix: Methanol
Method: 8260

Compound	Col	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,1-Dichloroethene	1	0	20	59	172	22	18.91	0.00	21.16	22.12	95	106	111	4.4
Trichloroethene	1	0	20	62	137	24	19.03	1.03	20.77	19.43	95	99	92	6.7
Benzene	1	0	20	66	142	21	18.92	0.00	20.30	18.32	95	101	92	10
Toluene	1	0	20	59	139	21	19.70	1.42	21.05	18.65	99	98	86	12
Chlorobenzene	1	0	20	60	133	21	18.64	1.31	20.41	18.80	93	96	87	8.2

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M23055.D
Matrix: Methanol

Blank Analysis Date: 06/05/06 10:10
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23801-013(MS	3M23065.D	06/05/06 14:20
AC23801-013(MS)	3M23064.D	06/05/06 13:56
MBS3583	3M23062.D	06/05/06 13:06

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M23102.D
Matrix: Methanol

Blank Analysis Date: 06/06/06 11:02
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23848-001	3M23120.D	06/06/06 18:21
AC23848-002	3M23121.D	06/06/06 18:46
AC23848-003	3M23122.D	06/06/06 19:10
AC23848-004	3M23123.D	06/06/06 19:35

Form 5

Tune Name: BFB TUNE **Data File:** 3M22623.D
Instrument: GCMS_3 **Analysis Date:** 05/19/06 13:13

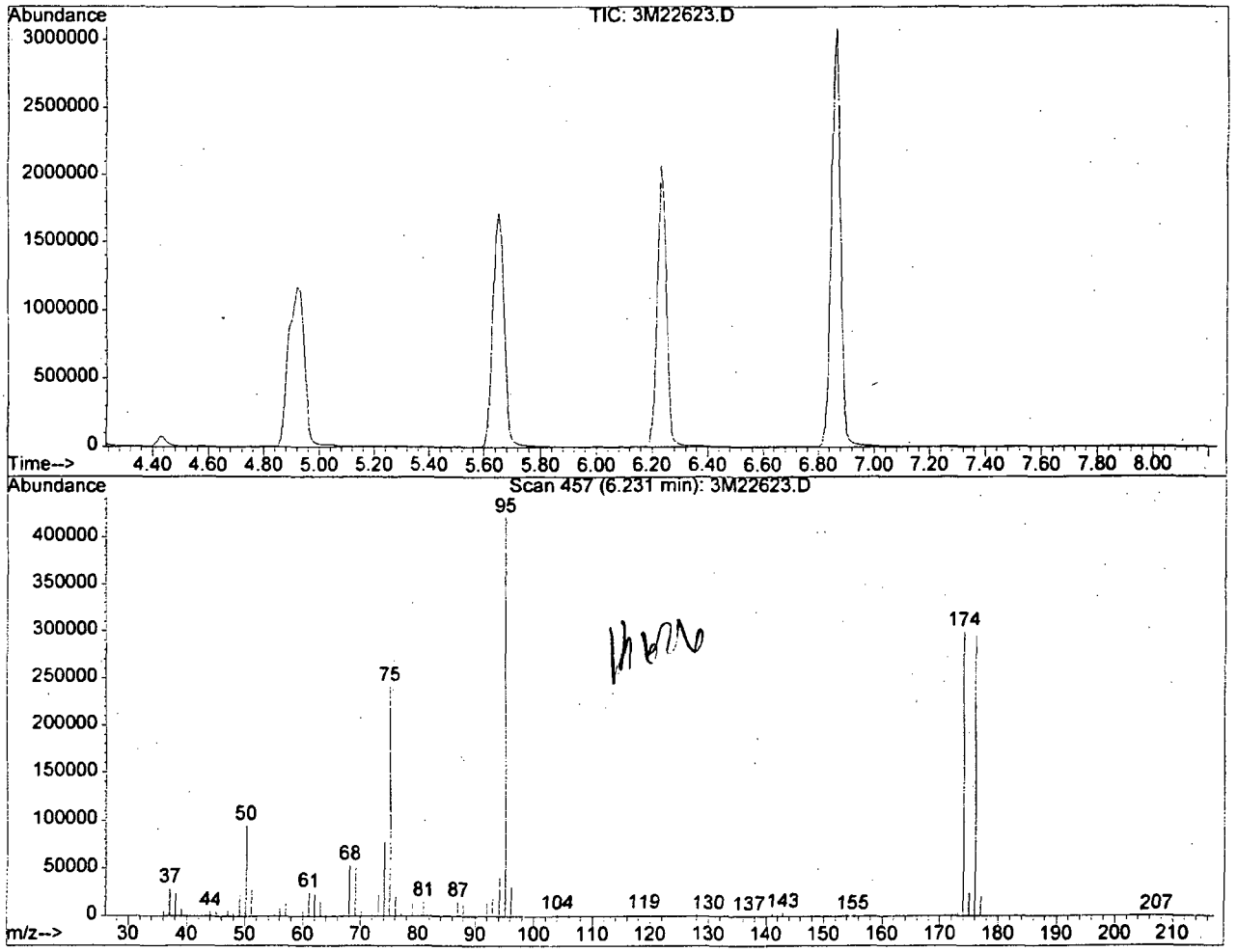
Tune Scan/Time Range: Scan 457

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.6	95192	PASS
75	95	30	60	57.2	241344	PASS
95	95	100	100	100.0	421760	PASS
96	95	5	9	7.5	31744	PASS
173	174	0.00	2	1.4	4166	PASS
174	95	50	100	71.1	299712	PASS
175	174	5	9	8.0	24032	PASS
176	174	95	101	98.5	295360	PASS
177	176	5	9	6.9	20512	PASS

Data File	Sample Number	Analysis Date:
3M22624.D	CAL @ 20 PPB	05/19/06 13:28
3M22625.D	CAL @ 500 PPB	05/19/06 13:57
3M22626.D	CAL @ 100 PPB	05/19/06 14:20
3M22627.D	CAL @ 50 PPB	05/19/06 14:44
3M22628.D	CAL @ 20 PPB	05/19/06 15:07
3M22629.D	CAL @ 10 PPB	05/19/06 15:30
3M22630.D	CAL @ 5 PPB	05/19/06 15:53
3M22631.D	CAL @ 1 PPB	05/19/06 16:17
3M22632.D	DAILY BLANK	05/19/06 16:40
3M22633.D	DAILY BLANK	05/19/06 17:03
3M22634.D	AC23386-001	05/19/06 17:26
3M22635.D	MBS3532	05/19/06 17:49
3M22636.D	AC23486-013(200	05/19/06 18:12
3M22637.D	AC23486-014(200	05/19/06 18:35
3M22638.D	AC23462-014	05/19/06 18:59
3M22639.D	AC23553-010	05/19/06 19:22
3M22640.D	AC23553-011	05/19/06 19:45
3M22641.D	AC23486-010	05/19/06 20:08
3M22642.D	AC23486-016	05/19/06 20:31
3M22643.D	AC23486-017	05/19/06 20:54
3M22644.D	AC23553-001	05/19/06 21:17
3M22645.D	AC23553-007	05/19/06 21:40
3M22646.D	AC23553-008	05/19/06 22:03
3M22647.D	AC23553-002(50X)	05/19/06 22:29
3M22648.D	AC23553-003(50X)	05/19/06 22:55
3M22649.D	AC23553-004(100	05/19/06 23:20
3M22650.D	AC23553-005(100	05/19/06 23:46
3M22651.D	AC23553-006(100	05/20/06 00:11
3M22652.D	AC23553-009(100	05/20/06 00:37
3M22653.D	AC23504-007(200	05/20/06 01:00
3M22654.D	MBS3533	05/20/06 01:23
3M22655.D	AC23528-001(MS)	05/20/06 01:46
3M22656.D	AC23528-001(MS	05/20/06 02:09
3M22657.D	AC23541-001	05/20/06 02:32
3M22658.D	AC23541-002	05/20/06 02:55
3M22659.D	AC23543-001	05/20/06 03:18
3M22660.D	AC23543-002	05/20/06 03:41
3M22661.D	AC23544-002	05/20/06 04:04
3M22662.D	AC23544-003	05/20/06 04:27
3M22663.D	AC23545-003	05/20/06 04:50
3M22664.D	AC23541-003	05/20/06 05:14
3M22665.D	AC23541-004	05/20/06 05:37
3M22666.D	AC23541-005	05/20/06 06:00
3M22667.D	AC23541-006	05/20/06 06:22
3M22668.D	AC23541-007	05/20/06 06:45
3M22669.D	AC23541-008	05/20/06 07:08
3M22670.D	AC23541-009	05/20/06 07:31
3M22671.D	AC23541-010	05/20/06 07:55
3M22672.D	AC23541-011	05/20/06 08:18
3M22673.D	AC23526-002	05/20/06 08:42
3M22674.D	AC23526-003	05/20/06 09:06
3M22675.D	BLK	05/22/06 06:34
3M22676.D	BLK	05/22/06 06:58

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\05-19-06\3M22623.D Vial: 1
Acq On : 19 May 2006 13:13 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0502.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Scan 457

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	95192	PASS
75	95	30	60	57.2	241344	PASS
95	95	100	100	100.0	421760	PASS
96	95	5	9	7.5	31744	PASS
173	174	0.00	2	1.4	4166	PASS
174	95	50	100	71.1	299712	PASS
175	174	5	9	8.0	24032	PASS
176	174	95	101	98.5	295360	PASS
177	176	5	9	6.9	20512	PASS

3M22623.D 3M_A0502.M Wed Jun 07 16:57:15 2006 RPT1

Form 5

Tune Name: BFB TUNE **Data File:** 3M23052.D
Instrument: GCMS_3 **Analysis Date:** 06/05/06 08:55

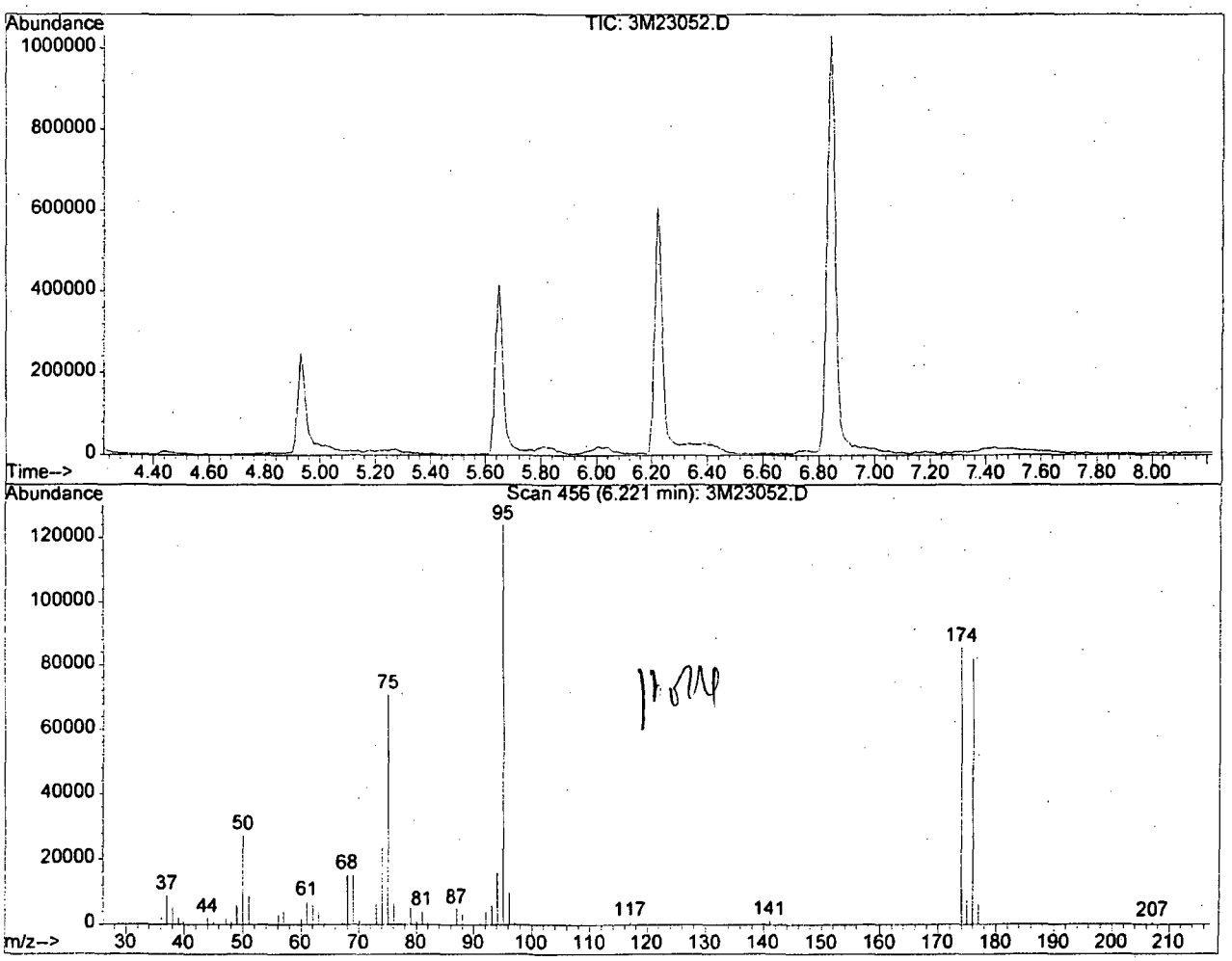
Tune Scan/Time Range: Scan 456

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.1	27400	PASS
75	95	30	60	57.2	71032	PASS
95	95	100	100	100.0	124120	PASS
96	95	5	9	8.0	9899	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.1	85800	PASS
175	174	5	9	8.6	7415	PASS
176	174	95	101	95.7	82152	PASS
177	176	5	9	7.6	6214	PASS

Data File	Sample Number	Analysis Date:
3M23053.D	CAL @ 20 PPB	06/05/06 09:12
3M23054.D	DAILY BLANK	06/05/06 09:46
3M23055.D	DAILY BLANK	06/05/06 10:10
3M23056.D	AC23791-002	06/05/06 10:36
3M23057.D	AC23793-008	06/05/06 11:01
3M23058.D	AC23801-012	06/05/06 11:26
3M23059.D	AC23801-013	06/05/06 11:50
3M23060.D	AC23801-015	06/05/06 12:15
3M23061.D	AC23603-004(5X)	06/05/06 12:41
3M23062.D	MBS3583	06/05/06 13:06
3M23063.D	AC23801-014	06/05/06 13:31
3M23064.D	AC23801-013(MS)	06/05/06 13:56
3M23065.D	AC23801-013(MS	06/05/06 14:20
3M23066.D	BLK	06/05/06 14:45
3M23067.D	BLK	06/05/06 15:10
3M23068.D	MBS3584	06/05/06 15:34
3M23069.D	AC23677-002	06/05/06 15:59
3M23070.D	AC23801-013	06/05/06 16:24
3M23071.D	AC23791-007	06/05/06 16:48
3M23072.D	AC23791-008	06/05/06 17:13
3M23073.D	AC23791-009	06/05/06 17:38
3M23074.D	AC23791-010	06/05/06 18:02
3M23075.D	AC23791-011	06/05/06 18:27
3M23076.D	AC23791-012	06/05/06 18:51
3M23077.D	AC23791-013	06/05/06 19:16
3M23078.D	AC23791-014	06/05/06 19:41
3M23079.D	AC23791-015	06/05/06 20:06
3M23080.D	AC23791-016	06/05/06 20:31
3M23081.D	AC23842-001	06/05/06 20:55
3M23082.D	AC23717-005(MS)	06/05/06 21:20
3M23083.D	AC23717-005(MS	06/05/06 21:45
3M23084.D	BLK	06/05/06 22:10
3M23085.D	AC23819-008	06/05/06 22:34
3M23086.D	AC23819-009	06/05/06 22:59
3M23087.D	AC23819-001	06/05/06 23:24
3M23088.D	AC23819-003	06/05/06 23:49
3M23089.D	AC23819-004	06/06/06 00:13
3M23090.D	AC23819-005	06/06/06 00:38
3M23091.D	AC23819-007	06/06/06 01:03
3M23092.D	AC23819-006	06/06/06 01:28
3M23093.D	AC23819-002	06/06/06 01:52
3M23094.D	MBS3588	06/06/06 02:17
3M23095.D	BLK	06/06/06 02:41
3M23096.D	AC23825-001	06/06/06 07:11

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-05-06\3M23052.D Vial: 1
Acq On : 5 Jun 2006 8:55 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Scan 456

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	27400	PASS
75	95	30	60	57.2	71032	PASS
95	95	100	100	100.0	124120	PASS
96	95	5	9	8.0	9899	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.1	85800	PASS
175	174	5	9	8.6	7415	PASS
176	174	95	101	95.7	82152	PASS
177	176	5	9	7.6	6214	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 3M23099.D
Instrument: GCMS_3 **Analysis Date:** 06/06/06 09:48

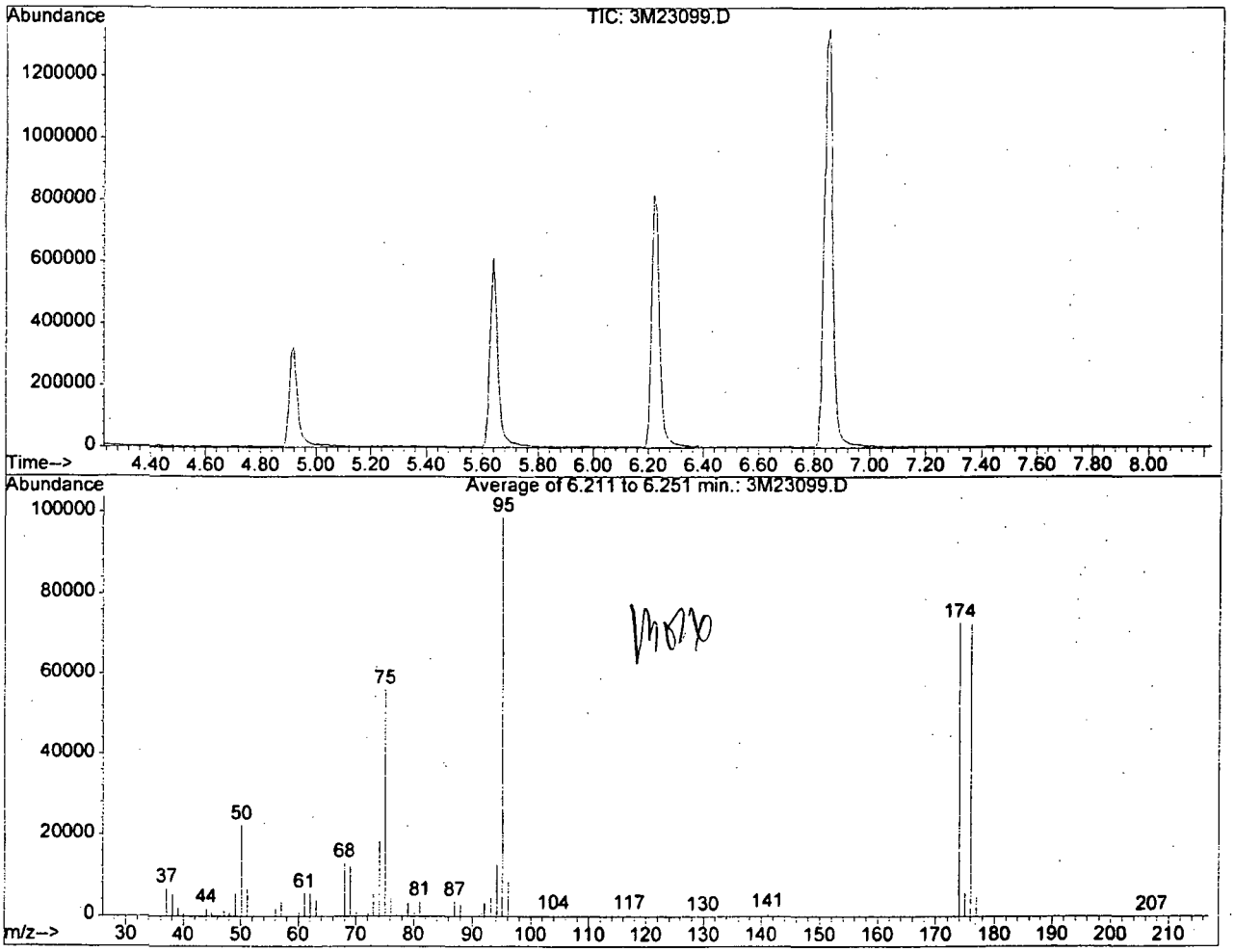
Tune Scan/Time Range: Average of 6.211 to 6.251 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.6	22385	PASS
75	95	30	60	56.8	56208	PASS
95	95	100	100	100.0	98877	PASS
96	95	5	9	8.6	8480	PASS
173	174	0.00	2	0.6	407	PASS
174	95	50	100	73.7	72891	PASS
175	174	5	9	8.0	5809	PASS
176	174	95	101	99.6	72568	PASS
177	176	5	9	6.7	4893	PASS

Data File	Sample Number	Analysis Date:
3M23100.D	CAL @ 20 PPB	06/06/06 10:04
3M23101.D	DAILY BLANK	06/06/06 10:37
3M23102.D	DAILY BLANK	06/06/06 11:02
3M23103.D	AC23771-003	06/06/06 11:26
3M23104.D	AC23819-006(5X)	06/06/06 11:50
3M23105.D	MBS3590	06/06/06 12:14
3M23106.D	AC23757-007	06/06/06 12:39
3M23107.D	AC23846-020	06/06/06 13:03
3M23108.D	AC23791-001	06/06/06 13:28
3M23109.D	AC23791-003	06/06/06 13:52
3M23110.D	AC23791-004	06/06/06 14:17
3M23111.D	AC23791-005	06/06/06 14:41
3M23112.D	AC23791-019	06/06/06 15:06
3M23113.D	AC23757-005	06/06/06 15:30
3M23114.D	AC23752-005	06/06/06 15:55
3M23115.D	AC23842-001(MS)	06/06/06 16:19
3M23116.D	AC23842-001(MS	06/06/06 16:43
3M23117.D	AC23846-017	06/06/06 17:08
3M23118.D	AC23846-018	06/06/06 17:32
3M23119.D	AC23846-019	06/06/06 17:57
3M23120.D	AC23848-001	06/06/06 18:21
3M23121.D	AC23848-002	06/06/06 18:46
3M23122.D	AC23848-003	06/06/06 19:10
3M23123.D	AC23848-004	06/06/06 19:35
3M23124.D	AC23849-013	06/06/06 20:00

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-06-06\3M23099.D Vial: 1
Acq On : 6 Jun 2006 9:48 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Average of 6.211 to 6.251 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	22385	PASS
75	95	30	60	56.8	56208	PASS
95	95	100	100	100.0	98877	PASS
96	95	5	9	8.6	8480	PASS
173	174	0.00	2	0.6	407	PASS
174	95	50	100	73.7	72891	PASS
175	174	5	9	8.0	5809	PASS
176	174	95	101	99.6	72568	PASS
177	176	5	9	6.7	4893	PASS

3M23099.D 3M_A0519.M Wed Jun 07 16:57:17 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M22628.	CAL @ 20 PPB	05/19/06 15:07	2	3M22630.	CAL @ 5 PPB	05/19/06 15:53
3	3M22629.	CAL @ 10 PPB	05/19/06 15:30	4	3M22627.	CAL @ 50 PPB	05/19/06 14:44
5	3M22626.	CAL @ 100 PPB	05/19/06 14:20	6	3M22625.	CAL @ 500 PPB	05/19/06 13:57
7	3M22631.	CAL @ 1 PPB	05/19/06 16:17				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dichlorodifluoromethane	1	0	Avg	0.5686	0.5598	0.5675	0.5809	0.6039	0.5201	-----	-----	0.567	1.61	0.999	1.00	4.9	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	Avg	0.4011	0.4059	0.3823	0.3931	0.3934	0.3725	-----	-----	0.391	1.83	1.00	1.00	3.1**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	Avg	0.3019	0.2741	0.2841	0.2906	0.2894	-----	-----	-----	0.288	2.23	1.00	1.00	3.5	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.3965	0.3935	0.4055	0.4023	0.4024	0.3575	-----	-----	0.393	1.89	0.999	1.00	4.6*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.2381	0.2252	0.2267	0.2417	0.2503	0.1730	-----	-----	0.226	2.33	0.992	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.5202	0.4946	0.5091	0.5273	0.5542	0.4408	-----	-----	0.508	2.63	0.997	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Avg	0.3224	0.3133	0.3087	0.3061	0.3320	0.2729	-----	-----	0.309	3.88	0.998	1.00	6.5	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	LinF	0.0285	0.0182	0.0240	0.0318	0.0404	0.0394	-----	-----	0.0304	3.12	1.00	1.00	29	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.1149	0.1247	0.1221	0.1394	0.1489	0.1049	-----	-----	0.126	4.27	0.993	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.4751	0.4047	0.4241	0.4731	0.5244	0.4189	-----	-----	0.453	3.41	0.997	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	Avg	0.1273	0.1141	0.1169	0.1190	0.1294	0.0988	-----	-----	0.118	3.31	0.996	1.00	9.3	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.9561	0.8527	0.8571	0.9389	1.0225	0.8528	-----	-----	0.913	3.50	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0311	0.0240	0.0264	0.0315	0.0331	0.0265	-----	-----	0.0288	4.17	0.997	1.00	13	100.0	25.00	50.00	250.0	500.0	2500.		
Di-isopropyl-ether	1	0	Avg	1.4700	1.2905	1.3629	1.3962	1.4616	1.1514	-----	-----	1.36	5.11	0.997	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.4478	0.4208	0.4116	0.4317	0.4721	0.3822	-----	-----	0.428	3.24	0.998	1.00	7.2*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	1.0175	0.8930	0.9413	1.0060	1.0782	0.8669	1.0087	-----	0.973	4.35	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
N-Hexane	1	0	Avg	0.2870	0.2315	0.2498	0.2758	0.2940	0.2518	-----	-----	0.265	4.74	0.999	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethane	1	0	Avg	0.6582	0.5876	0.6056	0.6218	0.6505	0.5433	-----	-----	0.611	4.92	0.999	1.00	7.0**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2750	0.2370	0.2518	0.2710	0.2977	0.2435	-----	-----	0.263	4.31	0.998	1.00	8.7	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.6026	0.5343	0.5585	0.5704	0.6149	0.4991	-----	-----	0.563	5.78	0.998	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.3404	0.3114	0.3212	0.3152	0.3361	0.2802	-----	-----	0.317	6.11	0.999	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.4613	0.3824	0.4101	0.4459	0.4918	0.4225	-----	-----	0.436	5.77	0.999	1.00	8.9	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	LinF	0.0037	0.0024	0.0028	0.0038	0.0041	0.0032	-----	-----	0.00337	8.03	0.997	1.00	19	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.4786	0.4195	0.4364	0.4470	0.4843	0.3843	-----	-----	0.442	6.68	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.6661	0.6206	0.6148	0.6247	0.6776	0.5756	-----	-----	0.630	6.24	0.999	1.00	5.9*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.3257	0.3237	0.3235	0.3193	0.3213	0.3235	0.3325	-----	0.324	6.46	-1	-1	1.3	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.2061	0.2174	0.2143	0.2045	0.2108	0.2071	0.2173	-----	0.211	6.86	-1	-1	2.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.5844	0.5526	0.5626	0.5581	0.5997	0.4899	-----	-----	0.558	6.95	0.998	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	Avg	0.1731	0.1246	0.1861	0.1765	0.1986	0.1810	-----	-----	0.173	5.84	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.4900	0.4456	0.4661	0.4629	0.5145	0.4457	-----	-----	0.471	6.48	0.999	1.00	5.7	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.3945	0.3414	0.3598	0.3687	0.4088	0.3527	-----	-----	0.371	6.68	0.999	1.00	6.9	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	LinF	0.5048	0.3251	0.3279	0.5832	0.7157	0.6909	-----	-----	0.525	5.05	1.00	1.00	33	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.4724	0.4030	0.4190	0.4581	0.5032	0.4241	-----	-----	0.447	8.15	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.2274	0.1915	0.2124	0.2244	0.2436	0.2006	-----	-----	0.217	7.99	0.998	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.3463	0.3123	0.3183	0.3349	0.3562	0.2999	-----	-----	0.328	7.88	0.999	1.00	6.6*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.3070	0.2731	0.2757	0.3179	0.3420	0.2718	-----	-----	0.298	7.66	0.997	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	1.2132	1.0995	1.1637	1.1407	1.2100	0.9520	1.0668	-----	1.12	6.93	0.997	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4699	0.3820	0.4043	0.4644	0.5049	0.4444	-----	-----	0.445	9.59	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	LinF	0.3217	0.1854	0.2698	0.3386	0.3774	0.3243	-----	-----	0.303	8.45	0.999	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.7105	0.5715	0.6364	0.7325	0.8043	0.6896	-----	-----	0.691	8.58	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.6526	0.4775	0.5676	0.6834	0.7463	0.6730	-----	-----	0.633	9.08	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,2-Trichloroethane	1	0	Avg	0.4230	0.3597	0.3872	0.4005	0.4279	0.3487	-----	-----	0.391	9.24	0.998	1.00	8.3	20.00	5.00	10.00	50.00	100.0	500.0		

Flags

a - failed the spcc criteria * *- ccc compound*

b - failed the ccc criteria ** *- spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.6

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0075

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M22628.	CAL @ 20 PPB	05/19/06 15:07	2	3M22630.	CAL @ 5 PPB	05/19/06 15:53
3	3M22629.	CAL @ 10 PPB	05/19/06 15:30	4	3M22627.	CAL @ 50 PPB	05/19/06 14:44
5	3M22626.	CAL @ 100 PPB	05/19/06 14:20	6	3M22625.	CAL @ 500 PPB	05/19/06 13:57
7	3M22631.	CAL @ 1 PPB	05/19/06 16:17				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1,2-Dibromoethane	1	0	Avg	0.4599	0.3797	0.4242	0.4548	0.4910	0.4126	-----	-----	0.437	9.69	0.999	1.00	9.0	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.8104	0.7149	0.7655	0.7906	0.8107	0.6099	-----	-----	0.750	9.38	0.996	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.5799	0.4462	0.5101	0.5849	0.6423	0.5121	-----	-----	0.546	8.72	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	LinF	0.3426	-----	0.2737	0.4111	0.4434	0.3494	-----	-----	0.364	9.45	0.997	1.00	18	20.00		10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.2988	0.2603	0.2827	0.2917	0.3037	0.2331	-----	-----	0.278	9.38	0.996	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	0.9035	0.9093	0.8925	0.9264	0.9069	0.9107	0.8558	-----	0.901	8.83	-1	-1	2.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	1.0027	0.9194	0.9686	0.9734	1.0422	0.8305	0.7335	-----	0.924	8.89	0.997	1.00	12*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.3792	0.3250	0.3586	0.3684	0.3953	0.3248	-----	-----	0.359	10.15	0.998	1.00	8.0	20.00	5.00	10.00	50.00	100.0	500.0		
Chlorobenzene	1	0	Avg	1.0643	0.9883	1.0115	0.9858	1.0732	0.8641	-----	-----	0.998	10.09	0.998	1.00	7.6**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Avg	0.5684	0.4426	0.5088	0.5811	0.6785	0.6446	-----	-----	0.571	10.75	1.00	1.00	15**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.5007	0.4253	0.4824	0.4863	0.5534	0.4876	0.2769	-----	0.459	10.17	0.999	1.00	19*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	1.1394	1.0489	1.0834	1.0770	1.1825	1.0223	-----	-----	1.09	11.08	0.999	1.00	5.4**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8336	0.8339	0.8152	0.8308	0.8615	0.9489	0.8235	-----	0.850	11.00	-1	-1	5.4	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.1356	1.8018	1.9234	2.0515	2.2719	1.9784	-----	-----	2.03	10.59	0.999	1.00	8.1	20.00	5.00	10.00	50.00	100.0	500.0		
m&p-Xylenes	1	0	LinF	1.2879	1.1076	1.1966	1.1773	1.2766	1.0902	0.7321	-----	1.12	10.27	0.999	1.00	17	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.2665	1.0848	1.1274	1.1660	1.2907	1.1203	0.7798	-----	1.12	10.58	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	LinF	0.4063	0.2594	0.3670	0.3997	0.4282	0.3922	-----	-----	0.375	11.22	1.00	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.3284	1.2406	1.3074	1.3413	1.3862	1.0907	-----	-----	1.28	11.82	0.997	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dichlorobenzene	1	0	Avg	1.4459	1.3418	1.2967	1.2875	1.4658	1.1893	-----	-----	1.34	11.89	0.998	1.00	7.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichlorobenzene	1	0	Avg	1.3345	1.2700	1.2575	1.2894	1.4201	1.1558	-----	-----	1.29	12.18	0.998	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	3.0489	2.5188	2.7773	2.8266	3.1794	2.7983	2.1724	-----	2.76	10.87	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	1.4720	1.2426	1.3331	1.3958	1.5435	1.2933	-----	-----	1.38	11.11	0.998	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chlorotoluene	1	0	Avg	1.2276	1.0926	1.2120	1.1517	1.2633	1.0526	-----	-----	1.17	11.26	0.998	1.00	7.0	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.3179	1.0017	1.1772	1.2528	1.3265	1.1370	-----	-----	1.20	11.34	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	3.6996	3.2384	3.3971	3.4408	3.7704	3.2275	2.8610	-----	3.38	11.18	0.999	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.2590	2.0187	2.1241	2.0622	2.1111	1.7367	-----	-----	2.05	11.12	0.998	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	2.5808	2.3247	2.4261	2.4007	2.6868	2.1508	2.1492	-----	2.39	11.30	0.998	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	2.1033	1.7414	1.9071	1.9846	2.2622	1.8577	1.4965	-----	1.91	11.56	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	2.6917	2.3977	2.5023	2.5214	2.7611	2.2016	2.2509	-----	2.48	11.59	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.5079	2.2675	2.3655	2.3616	2.6977	2.1664	2.0504	-----	2.35	11.72	0.998	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	2.1101	1.8357	1.9704	2.0600	2.2508	1.7710	1.5409	-----	1.93	11.81	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.9577	1.6994	1.8248	1.8679	2.2009	1.7383	1.4589	-----	1.82	12.12	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	LinF	0.1675	0.0833	0.1424	0.1833	0.2242	0.1955	-----	-----	0.166	12.79	0.999	1.00	29	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.3343	0.2959	0.2875	0.3014	0.3587	0.2382	-----	-----	0.303	13.69	0.990	0.999	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	0.7275	0.5908	0.5795	0.6722	0.8381	0.6343	-----	-----	0.674	13.55	0.996	0.999	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.7543	0.5868	0.6178	0.6889	0.8666	----	-----	-----	0.703	14.05	0.990	0.999	16	20.00	5.00	10.00	50.00	100.0			
Naphthalene	1	0	Avg	2.1434	1.6099	1.7571	2.1041	2.7581	1.8216	1.5095	-----	1.96	13.80	0.989	0.998	22	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.6

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

9L00

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23053.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/5/06 9:12:00 AM **Method:** 8260

0077

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.27	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.62	17.40	20			0.567	0.493	13.00	
Chloromethane	1	0	CP	1.84	17.39	20	0.1		0.391	0.340	13.05	
Bromomethane	1	0		2.26	18.25	20			0.288	0.263	8.75	
Vinyl Chloride	1	0	CC	1.91	18.38	20	20		0.393	0.361	8.10	
Chloroethane	1	0		2.36	18.74	20			0.226	0.212	6.30	
Trichlorofluoromethane	1	0		2.64	17.82	20			0.508	0.452	10.90	
Methylene Chloride	1	0		3.91	18.44	20			0.309	0.285	7.80	
Acrolein	1	0		3.15	9.30	100			0.030	0.004	90.70	
Acrylonitrile	1	0		4.30	18.81	20			0.126	0.118	5.95	
Iodomethane	1	0		3.44	17.33	20			0.453	0.393	13.35	
Acetone	1	0		3.34	88.30	100			0.118	0.104	11.70	
Carbon Disulfide	1	0		3.53	17.27	20			0.913	0.789	13.65	
t-Butyl Alcohol	1	0		4.19	106.19	100			0.029	0.031	6.19	
Di-isopropyl-ether	1	0		5.13	17.03	20			1.355	1.154	14.85	
1,1-Dichloroethene	1	0	CC	3.25	18.09	20	20		0.428	0.387	9.55	
Methyl-t-butyl ether	1	0		4.38	18.73	20			0.973	0.911	6.35	
N-Hexane	1	0		4.76	20.26	20			0.265	0.268	1.30	
1,1-Dichloroethane	1	0	CP	4.95	17.60	20	0.1		0.611	0.538	12.00	
trans-1,2-Dichloroethene	1	0		4.33	18.25	20			0.263	0.240	8.75	
cis-1,2-Dichloroethene	1	0		5.80	18.83	20			0.563	0.530	5.85	
Bromochloromethane	1	0		6.13	16.97	20			0.317	0.269	15.15	
2,2-Dichloropropane	1	0		5.79	21.25	20			0.436	0.463	6.25	
1,4-Dioxane	1	0		8.05	166.03	1000			0.003	0.004	16.60	
1,1-Dichloropropene	1	0		6.70	19.85	20			0.442	0.438	0.75	
Chloroform	1	0	CC	6.26	19.20	20	20		0.630	0.605	4.00	
Dibromofluoromethane	1	0	S	6.47	28.63	30			0.324	0.309	4.57	
1,2-Dichloroethane-d4	1	0	S	6.87	28.11	30			0.211	0.198	6.30	
1,2-Dichloroethane	1	0		6.97	19.54	20			0.558	0.545	2.30	
2-Butanone	1	0		5.89	15.85	20			0.173	0.137	20.75	
1,1,1-Trichloroethane	1	0		6.49	19.59	20			0.471	0.461	2.05	
Carbon Tetrachloride	1	0		6.70	19.93	20			0.371	0.370	0.35	
Vinyl Acetate	1	0		5.08	13.15	20			0.525	0.454	34.25	
Bromodichloromethane	1	0		8.16	19.69	20			0.447	0.440	1.55	
Dibromomethane	1	0		8.01	20.05	20			0.217	0.217	0.25	
1,2-Dichloropropane	1	0	CC	7.88	21.01	20	20		0.328	0.345	5.05	
Trichloroethene	1	0		7.67	19.47	20			0.298	0.290	2.65	
Benzene	1	0		6.94	19.86	20			1.121	1.113	0.70	
Chlorobenzene-d5	1	0	I	10.07	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.59	19.83	20			0.445	0.441	0.85	
2-Chloroethylvinylether	1	0		8.47	16.90	20			0.303	0.276	15.50	
cis-1,3-Dichloropropene	1	0		8.59	19.35	20			0.691	0.668	3.25	
trans-1,3-Dichloropropene	1	0		9.10	20.34	20			0.633	0.644	1.70	
1,1,2-Trichloroethane	1	0		9.24	20.21	20			0.391	0.395	1.05	
1,2-Dibromoethane	1	0		9.70	20.46	20			0.437	0.447	2.30	
1,3-Dichloropropane	1	0		9.39	19.45	20			0.750	0.730	2.75	
4-Methyl-2-Pentanone	1	0		8.73	18.18	20			0.546	0.496	9.10	
2-Hexanone	1	0		9.46	17.42	20			0.364	0.308	12.90	
Tetrachloroethene	1	0		9.39	21.14	20			0.278	0.294	5.70	
Toluene-d8	1	0	S	8.84	29.69	30			0.901	0.891	1.03	
Toluene	1	0	CC	8.90	20.68	20	20		0.924	0.956	3.40	
1,1,1,2-Tetrachloroethane	1	0		10.16	20.00	20			0.359	0.359	0.00	
Chlorobenzene	1	0	CP	10.10	20.04	20	0.3		0.998	1.000	0.20	
1,4-Dichlorobenzene-d4	1	0	I	11.87	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.76	19.00	20	0.1		0.571	0.542	5.00	
Ethylbenzene	1	0	CC	10.18	20.79	20	20		0.459	0.477	3.95	
1,1,2,2-Tetrachloroethane	1	0	CP	11.09	18.67	20	0.3		1.092	1.020	6.65	
Bromofluorobenzene	1	0	S	11.00	29.95	30			0.850	0.848	0.17	
Styrene	1	0		10.59	19.64	20			2.027	1.990	1.80	
m&p-Xylenes	1	0		10.27	43.46	40			1.124	1.194	8.65	
o-Xylene	1	0		10.58	21.20	20			1.119	1.187	6.00	
trans-1,4-Dichloro-2-butene	1	0		11.13	19.40	20			0.375	0.382	3.00	
1,3-Dichlorobenzene	1	0		11.84	19.83	20			1.283	1.272	0.85	
1,4-Dichlorobenzene	1	0		11.89	19.46	20			1.338	1.302	2.70	
1,2-Dichlorobenzene	1	0		12.18	19.09	20			1.288	1.229	4.55	
Isopropylbenzene	1	0		10.87	20.23	20			2.760	2.792	1.15	
1,2,3-Trichloropropane	1	0		11.13	19.91	20			1.380	1.374	0.45	
2-Chlorotoluene	1	0		11.26	19.82	20			1.167	1.156	0.90	
4-Chlorotoluene	1	0		11.34	20.14	20			1.202	1.210	0.70	
n-Propylbenzene	1	0		11.18	20.06	20			3.376	3.386	0.30	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23053.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/5/06 9:12:00 AM **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		11.13	19.40	20			2.052	1.991	3.00	
1,3,5-Trimethylbenzene	1	0		11.30	19.84	20			2.388	2.370	0.80	
t-Butylbenzene	1	0		11.56	20.47	20			1.908	1.952	2.35	
1,2,4-Trimethylbenzene	1	0		11.59	19.98	20			2.475	2.473	0.10	
sec-Butylbenzene	1	0		11.73	20.06	20			2.345	2.352	0.30	
4-Isopropyltoluene	1	0		11.82	20.62	20			1.934	1.994	3.10	
n-Butylbenzene	1	0		12.13	19.78	20			1.821	1.801	1.10	
1,2-Dibromo-3-Chloropropane	1	0		12.80	16.43	20			0.166	0.161	17.85	
Hexachlorobutadiene	1	0		13.70	16.14	20			0.303	0.244	19.30	
1,2,4-Trichlorobenzene	1	0		13.56	17.21	20			0.674	0.580	13.95	
1,2,3-Trichlorobenzene	1	0		14.06	15.66	20			0.703	0.550	21.70	
Naphthalene	1	0		13.81	18.21	20			1.958	1.783	8.95	
1,2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

0078

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23100.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/6/2006 10:04:00 A ***Method:*** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.26	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.62	15.01	20			0.567	0.426	24.95	
Chloromethane	1	0	CP	1.82	17.88	20	0.1		0.391	0.350	10.60	
Bromomethane	1	0		2.24	18.03	20			0.288	0.260	9.85	
Vinyl Chloride	1	0	CC	1.91	16.75	20	20		0.393	0.329	16.25	
Chloroethane	1	0		2.34	17.62	20			0.226	0.199	11.90	
Trichlorofluoromethane	1	0		2.64	17.59	20			0.508	0.446	12.05	
Methylene Chloride	1	0		3.90	19.45	20			0.309	0.301	2.75	
Acrolein	1	0		3.14	10.46	100			0.030	0.004	89.54	
Acrylonitrile	1	0		4.29	19.35	20			0.126	0.122	3.25	
Iodomethane	1	0		3.42	17.59	20			0.453	0.399	12.05	
Acetone	1	0		3.32	96.98	100			0.118	0.114	3.02	
Carbon Disulfide	1	0		3.52	15.77	20			0.913	0.720	21.15	
t-Butyl Alcohol	1	0		4.15	92.45	100			0.029	0.027	7.55	
Di-isopropyl-ether	1	0		5.11	17.22	20			1.355	1.167	13.90	
1,1-Dichloroethene	1	0	CC	3.24	16.36	20	20		0.428	0.350	18.20	
Methyl-t-butyl ether	1	0		4.36	19.47	20			0.973	0.948	2.65	
N-Hexane	1	0		4.75	13.39	20			0.265	0.177	33.05	
1,1-Dichloroethane	1	0	CP	4.93	17.05	20	0.1		0.611	0.521	14.75	
trans-1,2-Dichloroethene	1	0		4.32	17.08	20			0.263	0.224	14.60	
cis-1,2-Dichloroethene	1	0		5.78	17.12	20			0.563	0.482	14.40	
Bromochloromethane	1	0		6.11	17.86	20			0.317	0.283	10.70	
2,2-Dichloropropane	1	0		5.77	16.39	20			0.436	0.357	18.05	
1,4-Dioxane	1	0		8.03	927.46	1000			0.003	0.003	7.25	
1,1-Dichloropropene	1	0		6.69	16.33	20			0.442	0.361	18.35	
Chloroform	1	0	CC	6.24	18.41	20	20		0.630	0.580	7.95	
Dibromofluoromethane	1	0	S	6.45	30.10	30			0.324	0.325	0.33	
1,2-Dichloroethane-d4	1	0	S	6.85	30.39	30			0.211	0.214	1.30	
1,2-Dichloroethane	1	0		6.95	20.47	20			0.558	0.571	2.35	
2-Butanone	1	0		5.86	16.41	20			0.173	0.142	17.95	
1,1,1-Trichloroethane	1	0		6.48	17.05	20			0.471	0.401	14.75	
Carbon Tetrachloride	1	0		6.68	17.29	20			0.371	0.321	13.55	
Vinyl Acetate	1	0		5.06	8.18	20			0.525	0.282	59.10	
Bromodichloromethane	1	0		8.15	18.92	20			0.447	0.423	5.40	
Dibromomethane	1	0		7.99	19.69	20			0.217	0.213	1.55	
1,2-Dichloropropane	1	0	CC	7.87	19.79	20	20		0.328	0.325	1.05	
Trichloroethene	1	0		7.66	16.60	20			0.298	0.247	17.00	
Benzene	1	0		6.93	17.76	20			1.121	0.995	11.20	
Chlorobenzene-d5	1	0	I	10.06	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.58	18.58	20			0.445	0.413	7.10	
2-Chloroethylvinylether	1	0		8.45	15.40	20			0.303	0.251	23.00	
cis-1,3-Dichloropropene	1	0		8.58	17.10	20			0.691	0.591	14.50	
trans-1,3-Dichloropropene	1	0		9.08	17.34	20			0.633	0.549	13.30	
1,1,2-Trichloroethane	1	0		9.23	18.52	20			0.391	0.362	7.40	
1,2-Dibromoethane	1	0		9.68	18.35	20			0.437	0.401	8.25	
1,3-Dichloropropane	1	0		9.38	19.21	20			0.750	0.721	3.95	
4-Methyl-2-Pentanone	1	0		8.72	16.25	20			0.546	0.444	18.75	
2-Hexanone	1	0		9.45	17.60	20			0.364	0.311	12.00	
Tetrachloroethene	1	0		9.38	17.24	20			0.278	0.240	13.80	
Toluene-d8	1	0	S	8.83	30.04	30			0.901	0.902	0.13	
Toluene	1	0	CC	8.89	17.60	20	20		0.924	0.813	12.00	
1,1,1,2-Tetrachloroethane	1	0		10.15	18.31	20			0.359	0.328	8.45	
Chlorobenzene	1	0	CP	10.09	17.83	20	0.3		0.998	0.890	10.85	
1,4-Dichlorobenzene-d4	1	0	I	11.87	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.75	18.02	20	0.1		0.571	0.514	9.90	
Ethylbenzene	1	0	CC	10.17	18.52	20	20		0.459	0.425	7.40	
1,1,2,2-Tetrachloroethane	1	0	CP	11.07	17.42	20	0.3		1.092	0.951	12.90	
Bromofluorobenzene	1	0	S	10.99	31.34	30			0.850	0.888	4.47	
Styrene	1	0		10.58	17.41	20			2.027	1.765	12.95	
m&p-Xylenes	1	0		10.26	37.04	40			1.124	1.017	7.40	
o-Xylene	1	0		10.57	18.21	20			1.119	1.019	8.95	
trans-1,4-Dichloro-2-butene	1	0		11.12	17.58	20			0.375	0.346	12.10	
1,3-Dichlorobenzene	1	0		11.83	18.51	20			1.283	1.187	7.45	
1,4-Dichlorobenzene	1	0		11.89	17.77	20			1.338	1.189	11.15	
1,2-Dichlorobenzene	1	0		12.17	17.91	20			1.288	1.153	10.45	
Isopropylbenzene	1	0		10.86	17.44	20			2.760	2.407	12.80	
1,2,3-Trichloropropane	1	0		11.12	18.58	20			1.380	1.282	7.10	
2-Chlorotoluene	1	0		11.25	17.94	20			1.167	1.047	10.30	
4-Chlorotoluene	1	0		11.33	18.90	20			1.202	1.136	5.50	
n-Propylbenzene	1	0		11.18	17.37	20			3.376	2.932	13.15	

CC - *Continuing Calibration Check Compound* CP - *System Performance Check Compound* I - *Internal Standard*

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23100.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/6/2006 10:04:00 A **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		11.12	18.74	20			2.052	1.923	6.30	
1,3,5-Trimethylbenzene	1	0		11.29	17.84	20			2.388	2.130	10.80	
t-Butylbenzene	1	0		11.55	17.81	20			1.908	1.699	10.95	
1,2,4-Trimethylbenzene	1	0		11.58	18.26	20			2.475	2.260	8.70	
sec-Butylbenzene	1	0		11.71	16.77	20			2.345	1.967	16.15	
4-Isopropyltoluene	1	0		11.81	17.55	20			1.934	1.698	12.25	
n-Butylbenzene	1	0		12.11	16.71	20			1.821	1.521	16.45	
1,2-Dibromo-3-Chloropropane	1	0		12.78	14.87	20			0.166	0.146	25.65	
Hexachlorobutadiene	1	0		13.68	12.99	20			0.303	0.197	35.05	
1,2,4-Trichlorobenzene	1	0		13.54	14.67	20			0.674	0.494	26.65	
1,2,3-Trichlorobenzene	1	0		14.04	13.72	20			0.703	0.482	31.40	
Naphthalene	1	0		13.80	14.38	20			1.958	1.408	28.10	
1,2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

0800

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M22628.D

Analysis Date/Time: 05/19/06 15:07

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	339768	7.30	240323	10.10	123045	11.91						
Eval File Area Limit:	169884-679536		120162-480646		61522-246090							
Eval File Rt Limit:	6.8-7.8		9.6-10.6		11.41-12.41							

Data File	Sample#						
3M22625	CAL @ 500 P	350127	7.30	237946	10.10	102719	11.91
3M22626	CAL @ 100 P	308842	7.30	215586	10.10	108174	11.91
3M22627	CAL @ 50 PP	337504	7.29	236953	10.10	122262	11.90
3M22628	CAL @ 20 PP	339768	7.30	240323	10.10	123045	11.91
3M22629	CAL @ 10 PP	345620	7.29	237795	10.10	123030	11.90
3M22630	CAL @ 5 PPB	335421	7.30	230608	10.10	117731	11.91
3M22631	CAL @ 1 PPB	309520	7.30	227910	10.10	110832	11.90
3M22632	DAILY BLANK	275941	7.29	192404	10.10	91617	11.90
3M22633	DAILY BLANK	269012	7.30	201001	10.10	102548	11.90
3M22634	AC23386-001	293151	7.30	213681	10.10	106725	11.90
3M22635	MBS3532	296585	7.30	215755	10.10	109166	11.90
3M22636	AC23486-013(	292371	7.30	213380	10.10	101547	11.90
3M22637	AC23486-014(	313448	7.30	220603	10.10	104636	11.90
3M22638	AC23462-014	296789	7.29	209269	10.10	104896	11.90
3M22639	AC23553-010	306269	7.30	218915	10.10	105633	11.90
3M22640	AC23553-011	303054	7.30	222991	10.10	105789	11.91
3M22641	AC23486-010	329212	7.30	249264	10.10	124247	11.91
3M22642	AC23486-016	328600	7.30	234183	10.10	116027	11.90
3M22643	AC23486-017	311578	7.30	227046	10.10	112079	11.90
3M22644	AC23553-001	299030	7.29	225781	10.10	108178	11.89
3M22645	AC23553-007	323343	7.29	233807	10.10	112282	11.89
3M22646	AC23553-008	311724	7.29	236896	10.10	116050	11.89
3M22647	AC23553-002(	299534	7.29	231884	10.10	111731	11.89
3M22648	AC23553-003(	334593	7.29	255744	10.10	126349	11.89
3M22649	AC23553-004(	324694	7.30	246920	10.09	115502	11.90
3M22650	AC23553-005(	324902	7.28	244727	10.10	120465	11.89
3M22651	AC23553-006(	284720	7.29	213127	10.10	98094	11.89
3M22652	AC23553-009(	283337	7.29	217355	10.09	105816	11.90
3M22653	AC23504-007(	318557	7.28	252651	10.10	135396	11.89
3M22654	MBS3533	328970	7.29	243283	10.10	119998	11.89
3M22655	AC23528-001(	344014	7.30	265385	10.09	129564	11.90
3M22656	AC23528-001(	317583	7.30	239505	10.10	120066	11.90
3M22675	BLK	444484	7.25	361463	10.06	176359	11.87
3M22676	BLK	400034	7.26	291259	10.07	145377	11.88

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M23053.D

Analysis Date/Time: 06/05/06 09:12

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	403017	7.27	291400	10.07	152419	11.87						
Eval File Area Limit:	201508-806034		145700-582800		76210-304838							
Eval File Rt Limit:	6.77-7.77		9.57-10.57		11.37-12.37							

Data File	Sample#						
3M23054	DAILY BLANK	381582	7.27	292520	10.07	146870	11.88
3M23055	DAILY BLANK	360615	7.27	259226	10.08	136292	11.87
3M23056	AC23791-002	349402	7.27	264512	10.08	142410	11.88
3M23057	AC23793-008	371460	7.28	276376	10.08	142870	11.88
3M23058	AC23801-012	356285	7.27	268721	10.08	144250	11.88
3M23059	AC23801-013	332421	7.27	252874	10.08	137832	11.89
3M23060	AC23801-015	341774	7.27	253653	10.08	134218	11.88
3M23062	MBS3583	337733	7.27	252841	10.08	131848	11.88
3M23063	AC23801-014	274391	7.27	220722	10.08	116686	11.89
3M23064	AC23801-013(	321793	7.27	236147	10.08	120455	11.88
3M23065	AC23801-013(	307263	7.27	238194	10.08	123638	11.88
3M23066	BLK	348537	7.28	260190	10.09	128172	11.88
3M23067	BLK	315999	7.28	234724	10.08	121485	11.89
3M23068	MBS3584	314094	7.28	250003	10.08	131443	11.89
3M23069	AC23677-002	288246	7.27	194621	10.09	77536	11.88
3M23070	AC23801-013	269111	7.27	199037	10.08	105603	11.89
3M23071	AC23791-007	280197	7.28	210874	10.09	108644	11.89
3M23072	AC23791-008	304209	7.28	216867	10.09	109826	11.89
3M23073	AC23791-009	292057	7.28	207375	10.09	108997	11.89
3M23074	AC23791-010	309815	7.28	221708	10.09	111538	11.89
3M23075	AC23791-011	297436	7.28	207333	10.09	108894	11.89
3M23076	AC23791-012	287445	7.28	212133	10.09	108396	11.89
3M23077	AC23791-013	297930	7.28	216307	10.09	115891	11.90
3M23078	AC23791-014	306852	7.28	229955	10.09	117485	11.89
3M23079	AC23791-015	291095	7.27	227477	10.09	119056	11.89
3M23080	AC23791-016	315036	7.27	221605	10.09	116937	11.89
3M23081	AC23842-001	278865	7.27	209117	10.09	112998	11.89
3M23082	AC23717-005(	320407	7.29	240992	10.09	118196	11.89
3M23083	AC23717-005(	290587	7.28	229532	10.08	119777	11.89
3M23084	BLK	315016	7.28	225248	10.09	112103	11.88
3M23094	MBS3588	303370	7.27	236827	10.08	123196	11.88
3M23095	BLK	306168	7.28	237909	10.08	118403	11.89

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M23100.D

Analysis Date/Time: 06/06/06 10:04

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	342706	7.26	249456	10.06	126837	11.87						
Eval File Area Limit:	171353-685412		124728-498912		63418-253674							
Eval File Rt Limit:	6.76-7.76		9.56-10.56		11.37-12.37							

Data File	Sample#						
3M23101	DAILY BLANK	339108	7.26	252228	10.07	126146	11.87
3M23102	DAILY BLANK	275681	7.26	205212	10.07	98080	11.87
3M23105	MBS3590	294438	7.27	214786	10.08	113565	11.88
3M23106	AC23757-007	300312	7.27	215504	10.08	108546	11.88
3M23107	AC23846-020	264804	7.27	195707	10.08	101051	11.89
3M23108	AC23791-001	298702	7.27	198787	10.08	98525	11.88
3M23109	AC23791-003	262300	7.27	190794	10.08	98268	11.89
3M23110	AC23791-004	297819	7.27	206878	10.08	98067	11.89
3M23111	AC23791-005	258173	7.27	194817	10.08	97291	11.89
3M23112	AC23791-019	265653	7.27	189833	10.08	101874	11.89
3M23113	AC23757-005	285270	7.27	186179	10.08	107213	11.88
3M23114	AC23752-005	285256	7.27	222327	10.08	117638	11.89
3M23115	AC23842-001(	316251	7.27	233267	10.08	115385	11.88
3M23116	AC23842-001(	313935	7.27	231541	10.08	112261	11.88
3M23117	AC23846-017	285273	7.26	207171	10.08	116658	11.88
3M23118	AC23846-018	282730	7.27	216189	10.08	120831	11.88
3M23119	AC23846-019	302180	7.27	197322	10.08	110910	11.88
3M23120	AC23848-001	280622	7.27	217737	10.08	117820	11.89
3M23121	AC23848-002	299260	7.27	196409	10.08	112560	11.88
3M23122	AC23848-003	291574	7.27	218764	10.08	118459	11.89
3M23123	AC23848-004	287982	7.27	198635	10.08	109798	11.89
3M23124	AC23849-013	285211	7.27	226444	10.08	127380	11.88

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_3				
	Effective Date:>	2/1/2006				
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,1,1-Trichloroethane		0.40012				
1,1,2,2-Tetrachloroethane		0.24605				
1,1,2-Trichloroethane		0.33881				
1,1-Dichloroethane		0.38651				
1,1-Dichloroethene		0.38859				
1,2-Dichloroethane		0.49203				
1,2-Dichloropropane		0.49585				
2-Butanone		1.70524				
2-Chloroethylvinylether		0.43696				
2-Hexanone		1.39477				
4-Methyl-2-Pentanone		0.21138				
Acetone		5.63113				
Acrolein		5.97478				
Acrylonitrile		1.56517				
Benzene		0.13544				
Bromodichloromethane		0.32567				
Bromoform		0.61742				
Bromomethane		0.86549				
Carbon disulfide		0.20318				
Carbon tetrachloride		0.52552				
Chlorobenzene		0.16807				
Chloroethane		0.42305				
Chloroform		0.40246				
Chloromethane		0.65384				
Cis-1,2-Dichloroethene		0.34086				
Cis-1,3-Dichloropropene		0.34330				
Dibromochloromethane		0.49418				
Ethylbenzene		0.30843				
M&p-Xylenes		0.48868				
Methylene chloride		1.15685				
O-Xylene		0.20832				
Styrene		0.20940				
Tetrachloroethene		0.45824				
Toluene		0.20832				
Trans-1,2-Dichloroethene		1.36336				
Trans-1,3-Dichloropropene		0.50994				
Trichloroethene		0.76384				
Vinyl chloride		0.48313				

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
5M19383	SMB2909	Soil	1		NA	NA	89	98	NA	118
7M18462	SMB2908	Soil	1		NA	NA	90	88	NA	94
5M19398	AC23848-001	Soil	1		NA	NA	86	95	NA	113
5M19399	AC23848-002	Soil	1		NA	NA	86	79	NA	112
5M19400	AC23848-003	Soil	1		NA	NA	86	91	NA	111
5M19401	AC23848-004	Soil	1		NA	NA	81	90	NA	116
5M19420	SMB2909(MS)	Soil	1		NA	NA	100	101	NA	118
7M18463	SMB2908(MS)	Soil	1		NA	NA	85	85	NA	99
7M18469	AC23791-001(MS)	Soil	1		NA	NA	88	84	NA	91
7M18470	AC23791-001(MSD)	Soil	1		NA	NA	91	89	NA	95

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

Form3

MBS Data

Method: 8270

9800

Data File:==>					5M19420.D														
Data/Batch/Sample ID:==>					SMB2909(MS)														
Date/Time:==>					06/07/06 13:24														
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,2,4-Trichlorobenz	38-107		1	0	99.18	100	99												
1,4-Dichlorobenzen	28-104		1	0	94.44	100	94												
2,4-Dinitrotoluene	28-89		1	0	109.2	100	109*												
2-Chlorophenol	25-102		1	0	205.5	200	103*												
4-Chloro-3-methylp	26-103		1	0	215.4	200	108*												
4-Nitrophenol	11-114		1	0	207.0	200	104												
Acenaphthene	31-137		1	0	76.99	100	77												
N-Nitroso-di-n-propy	41-126		1	0	105.3	100	105												
Pentachlorophenol	17-109		1	0	224.6	200	112*												
Phenol	26-90		1	0	212.2	200	106*												
Pyrene	35-142		1	0	86.87	100	87												

Flags/Notes: ** - Values outside of limits for this column/run*

FORM 3
Spike Recovery

Batch Number: SMB2908
Mbs Name: SMB2908(MS)
Ns Name: AC23791-001
Ms Name: AC23791-001(MS)
Msd Name: AC23791-001(MS

Mbs File: 7M18463.D
Non Spk'd File: 7M18471.D
Spike File: 7M18469.D
Spike Dup File: 7M18470.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,4-Dichlorobenzene	1	0	100	28	104	27	78.78	0.00	81.56	84.21	79	82	84	3.2
N-Nitroso-di-n-propyla	1	0	100	41	126	38	89.91	0.00	91.56	98.51	90	92	99	7.3
1,2,4-Trichlorobenzene	1	0	100	38	107	23	86.73	0.00	85.83	90.06	87	86	90	4.8
Acenaphthene	1	0	100	31	137	19	69.51	0.00	68.53	72.56	70	69	73	5.7
2,4-Dinitrotoluene	1	0	100	28	89	47	89.21	0.00	91.63	92.59	89	92 Mo	93 Mo	1
Pyrene	1	0	100	35	142	36	80.50	2.34	74.76	80.05	81	72	78	6.8

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2908
Blank Data File: 7M18462.D
Matrix: Soil

Blank Analysis Date: 06/06/06 11:07
Blank Extraction Date: 06/05/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23791-001(MS	7M18470.D	06/06/06 14:13
AC23791-001(MS)	7M18469.D	06/06/06 13:49
SMB2908(MS)	7M18463.D	06/06/06 11:30

FORM 4
Blank Summary

Blank Number: SMB2909
Blank Data File: 5M19383.D
Matrix: Soil

Blank Analysis Date: 06/06/06 12:58
Blank Extraction Date: 06/06/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23848-001	5M19398.D	06/06/06 18:16
AC23848-002	5M19399.D	06/06/06 18:37
AC23848-003	5M19400.D	06/06/06 18:58
AC23848-004	5M19401.D	06/06/06 19:19
SMB2909(MS)	5M19420.D	06/07/06 13:24

Form 5

0600

Tune Name: CAL DFTPP **Data File:** 5M19120.D
Instrument: GCMS_5 **Analysis Date:** 05/26/06 11:25

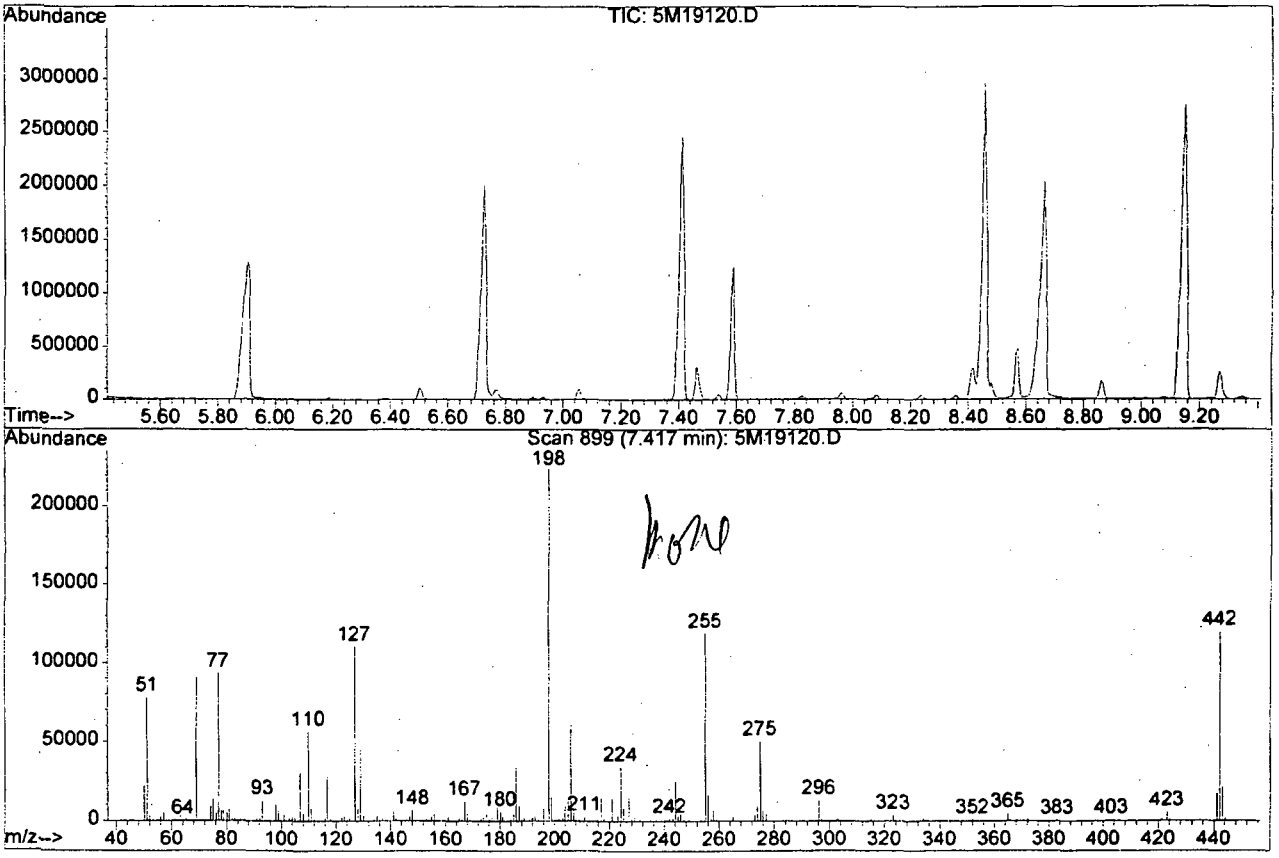
Tune Scan/Time Range: Scan 899

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	34.7	77984	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	40.5	91008	PASS
70	69	0.00	2	0.5	496	PASS
127	198	40	60	49.2	110712	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	224832	PASS
199	198	5	9	6.7	15040	PASS
275	198	10	30	22.4	50312	PASS
365	198	1	100	2.1	4658	PASS
441	443	0.01	100	82.6	17544	PASS
442	198	40	100	53.4	119976	PASS
443	442	17	23	17.7	21248	PASS

Data File	Sample Number	Analysis Date:
5M19121.D	CAL BNA@50PPM	05/26/06 12:01
5M19122.D	CAL BNA@10PPM	05/26/06 12:24
5M19123.D	CAL BNA@25PPM	05/26/06 12:45
5M19124.D	CAL BNA@80PPM	05/26/06 13:06
5M19125.D	CAL BNA@120PP	05/26/06 13:28
5M19126.D	CAL BNA@160PP	05/26/06 13:49
5M19127.D	CAL BNA@200PP	05/26/06 14:10
5M19128.D	WMB2906	05/26/06 15:17
5M19129.D	WMB2906(MS)	05/26/06 15:38
5M19130.D	AC23561-006(T)	05/26/06 15:59
5M19131.D	AC23561-006(MS)(	05/26/06 16:21
5M19132.D	AC23561-006(MS	05/26/06 16:42
5M19133.D	WMB2907	05/26/06 17:03
5M19134.D	WMB2907(MS)	05/26/06 17:25
5M19135.D	AC23676-007	05/26/06 17:46
5M19136.D	AC23618-002	05/26/06 18:08
5M19137.D	AC23618-003	05/26/06 18:29
5M19138.D	AC23618-004	05/26/06 18:51
5M19139.D	AC23618-005	05/26/06 19:12
5M19140.D	AC23618-006	05/26/06 19:33
5M19141.D	AC23618-001	05/26/06 19:54
5M19142.D	AC23637-001	05/26/06 20:16
5M19143.D	AC23637-003	05/26/06 20:37
5M19144.D	AC23637-004	05/26/06 20:58
5M19145.D	AC23637-005	05/26/06 21:19
5M19146.D	AC23637-006	05/26/06 21:41
5M19147.D	AC23637-007	05/26/06 22:02
5M19148.D	AC23637-008	05/26/06 22:23
5M19149.D	AC23638-001	05/26/06 22:44
5M19150.D	AC23638-003	05/26/06 23:05
5M19151.D	AC23638-005	05/26/06 23:26
5M19152.D	AC23630-014	05/26/06 23:47
5M19153.D	AC23622-001	05/27/06 00:08
5M19154.D	AC23622-003	05/27/06 00:30
5M19155.D	AC23622-005	05/27/06 00:51
5M19156.D	AC23622-007	05/27/06 01:12
5M19157.D	AC23622-009	05/27/06 01:33
5M19158.D	AC23583-003	05/27/06 01:54
5M19159.D	AC23588-002	05/27/06 02:15
5M19160.D	AC23588-003	05/27/06 02:36
5M19161.D	AC23609-001	05/27/06 02:58
5M19162.D	AC23609-003	05/27/06 03:19
5M19163.D	AC23578-001(5X)	05/27/06 03:40

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\05-26-06\5M19120.D Vial: 1
Acq On : 26 May 2006 11:25 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0524.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 899

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.7	77984	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	40.5	91008	PASS
70	69	0.00	2	0.5	496	PASS
127	198	40	60	49.2	110712	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	224832	PASS
199	198	5	9	6.7	15040	PASS
275	198	10	30	22.4	50312	PASS
365	198	1	100	2.1	4658	PASS
441	443	0.01	100	82.6	17544	PASS
442	198	40	100	53.4	119976	PASS
443	442	17	23	17.7	21248	PASS

Form 5

Tune Name: DFTPP **Data File:** 7M18305.D
Instrument: Gcms_7 **Analysis Date:** 05/30/06 10:16

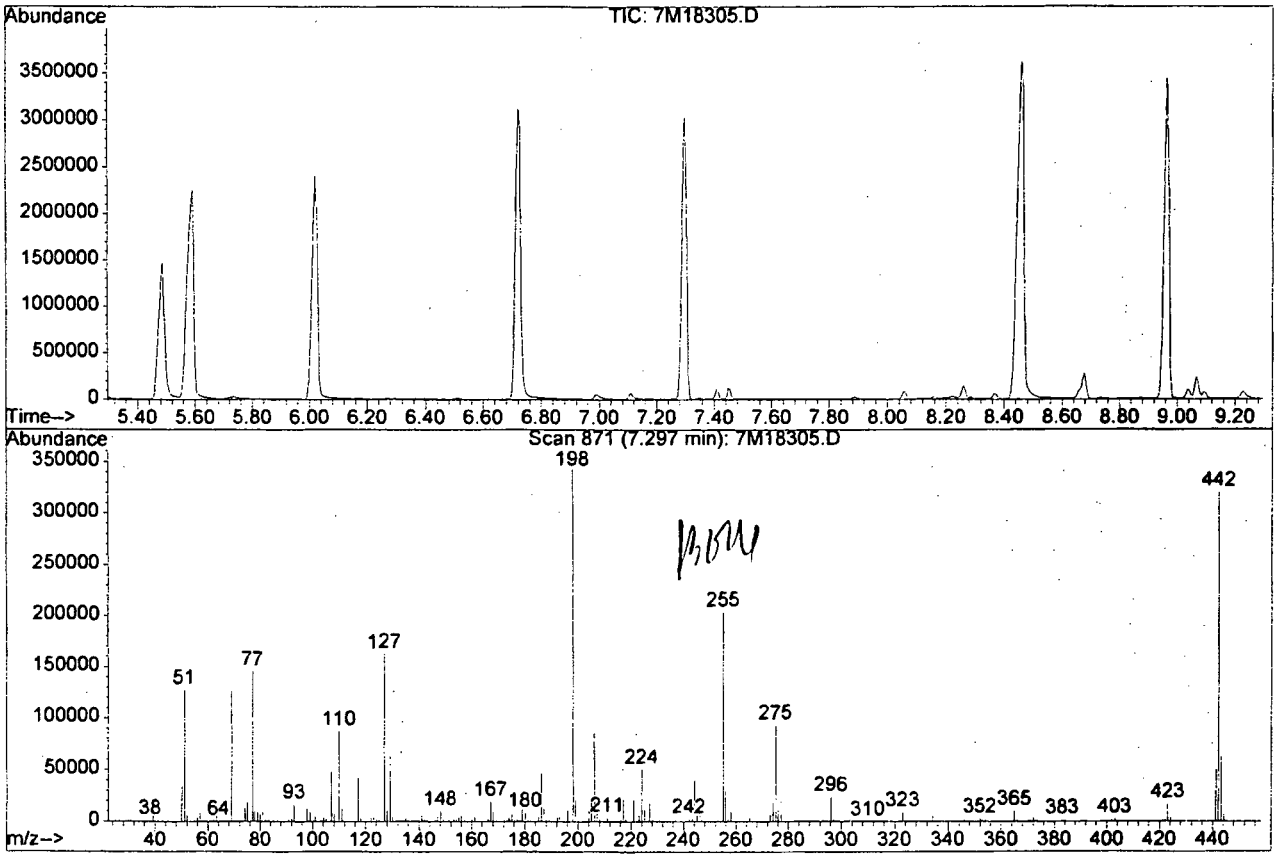
Tune Scan/Time Range: Scan 871

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	37.1	127496	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.7	126112	PASS
70	69	0.00	2	0.5	685	PASS
127	198	40	60	47.4	162944	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343552	PASS
199	198	5	9	6.6	22728	PASS
275	198	10	30	27.2	93424	PASS
365	198	1	100	2.9	10018	PASS
441	443	0.01	100	79.4	49560	PASS
442	198	40	100	93.3	320384	PASS
443	442	17	23	19.5	62440	PASS

Data File	Sample Number	Analysis Date:
7M18306.D	CAL BNA@50PPM	05/30/06 10:40
7M18307.D	CAL BNA@10PPM	05/30/06 11:03
7M18308.D	CAL BNA@25PPM	05/30/06 11:27
7M18309.D	CAL BNA@80PPM	05/30/06 11:50
7M18310.D	CAL BNA@160PP	05/30/06 12:13
7M18311.D	CAL BNA@200PP	05/30/06 12:37
7M18312.D	CAL BNA@50PPM	05/30/06 13:00
7M18313.D	CAL BNA@120PP	05/30/06 13:23
7M18314.D	WMB2908	05/30/06 14:06
7M18315.D	AC23138-002	05/30/06 14:29
7M18316.D	AC23138-002(3X)	05/30/06 14:52
7M18317.D	SMB2898	05/30/06 15:16
7M18318.D	SMB2899	05/30/06 15:39
7M18319.D	SMB2900	05/30/06 16:03
7M18320.D	SMB2901	05/30/06 16:26
7M18321.D	WMB2906	05/30/06 16:50
7M18322.D	WMB2907	05/30/06 17:13
7M18323.D	AC23638-009	05/30/06 17:37
7M18324.D	AC23638-012	05/30/06 18:01
7M18325.D	AC23638-013	05/30/06 18:24
7M18326.D	AC23639-015	05/30/06 18:48
7M18327.D	AC23653-008	05/30/06 19:11
7M18328.D	AC23668-002	05/30/06 19:35
7M18329.D	AC23637-009	05/30/06 19:58
7M18330.D	AC23637-011	05/30/06 20:21
7M18331.D	AC23637-012	05/30/06 20:45
7M18332.D	AC23637-010(10X)	05/30/06 21:08

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\05-30-06\7M18305.D Vial: 1
Acq On : 30 May 2006 10:16 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0526.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Scan 871

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.1	127496	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.7	126112	PASS
70	69	0.00	2	0.5	685	PASS
127	198	40	60	47.4	162944	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343552	PASS
199	198	5	9	6.6	22728	PASS
275	198	10	30	27.2	93424	PASS
365	198	1	100	2.9	10018	PASS
441	443	0.01	100	79.4	49560	PASS
442	198	40	100	93.3	320384	PASS
443	442	17	23	19.5	62440	PASS

7M18305.D 7M_0526.M Wed Jun 07 16:59:35 2006 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19376.D
Instrument: GCMS_5 **Analysis Date:** 06/06/06 09:59

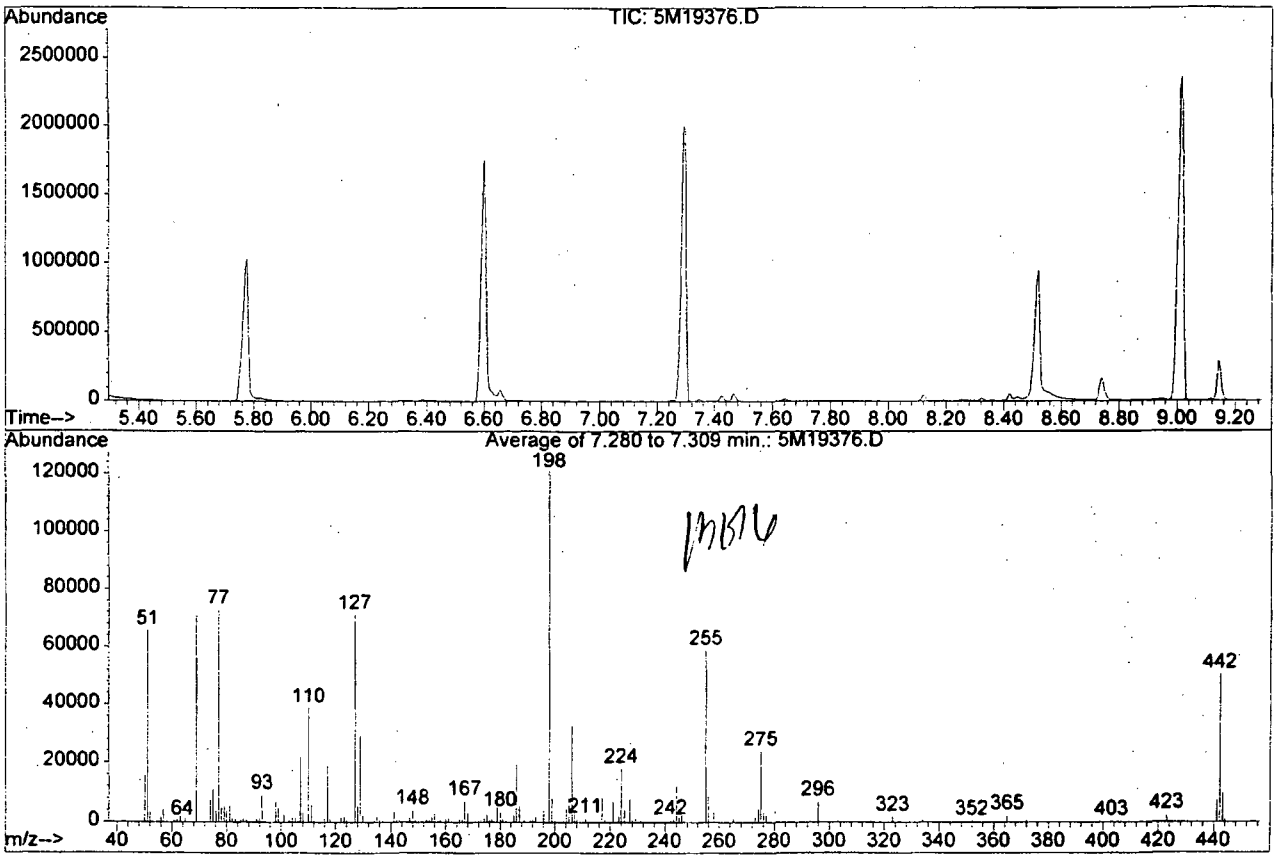
Tune Scan/Time Range: Average of 7.280 to 7.309 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	54.0	65571	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.2	70701	PASS
70	69	0.00	2	0.5	352	PASS
127	198	40	60	58.6	71087	PASS
197	198	0.00	1	0.3	334	PASS
198	198	100	100	100.0	121386	PASS
199	198	5	9	6.7	8189	PASS
275	198	10	30	19.7	23912	PASS
365	198	1	100	1.8	2200	PASS
441	443	0.01	100	75.7	7376	PASS
442	198	40	100	41.5	50334	PASS
443	442	17	23	19.3	9739	PASS

Data File	Sample Number	Analysis Date:
5M19377.D	CAL BNA@50PPM	06/06/06 10:50
5M19378.D	WMB2917	06/06/06 11:12
5M19379.D	WMB2917(MS)	06/06/06 11:33
5M19380.D	WMB2916(MS)	06/06/06 11:54
5M19381.D	SMB2908	06/06/06 12:16
5M19382.D	AC23842-002(5X)	06/06/06 12:37
5M19383.D	SMB2909	06/06/06 12:58
5M19384.D	SMB2909(MS)	06/06/06 13:19
5M19385.D	AC23842-002	06/06/06 13:40
5M19386.D	AC23793-006(MS)	06/06/06 14:01
5M19387.D	AC23793-006(MS	06/06/06 14:22
5M19388.D	AC23793-006	06/06/06 14:44
5M19389.D	AC23695-013	06/06/06 15:05
5M19390.D	AC23791-017	06/06/06 15:26
5M19391.D	AC23769-007(10X)	06/06/06 15:47
5M19392.D	AC23793-007	06/06/06 16:08
5M19393.D	AC23793-002	06/06/06 16:30
5M19394.D	AC23793-003	06/06/06 16:51
5M19395.D	AC23793-004	06/06/06 17:12
5M19396.D	AC23793-005	06/06/06 17:33
5M19397.D	AC23833-001	06/06/06 17:54
5M19398.D	AC23848-001	06/06/06 18:16
5M19399.D	AC23848-002	06/06/06 18:37
5M19400.D	AC23848-003	06/06/06 18:58
5M19401.D	AC23848-004	06/06/06 19:19
5M19402.D	AC23795-001	06/06/06 19:40
5M19403.D	AC23795-002	06/06/06 20:01
5M19404.D	AC23799-001	06/06/06 20:22
5M19405.D	AC23799-007	06/06/06 20:44

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-06-06\5M19376.D Vial: 1
Acq On : 6 Jun 2006 9:59 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.280 to 7.309 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	54.0	65571	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.2	70701	PASS
70	69	0.00	2	0.5	352	PASS
127	198	40	60	58.6	71087	PASS
197	198	0.00	1	0.3	334	PASS
198	198	100	100	100.0	121386	PASS
199	198	5	9	6.7	8189	PASS
275	198	10	30	19.7	23912	PASS
365	198	1	100	1.8	2200	PASS
441	443	0.01	100	75.7	7376	PASS
442	198	40	100	41.5	50334	PASS
443	442	17	23	19.3	9739	PASS

Form 5

Tune Name: DFTPP **Data File:** 7M18460.D
Instrument: Gcms_7 **Analysis Date:** 06/06/06 10:16

Tune Scan/Time Range: Average of 7.232 to 7.262 min

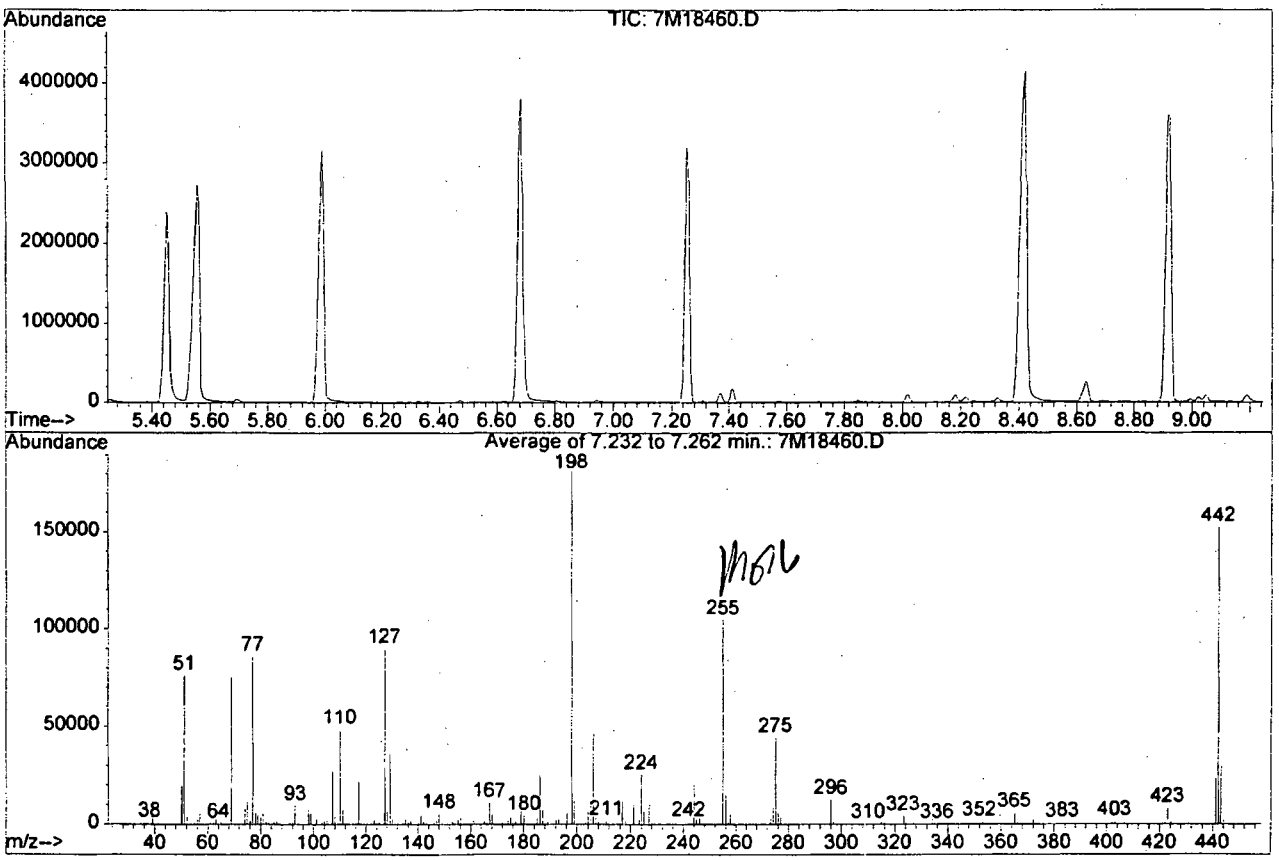
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	42.0	76222	PASS
68	69	0.00	2	0.2	151	PASS
69	198	0.00	100	41.4	75212	PASS
70	69	0.00	2	0.7	502	PASS
127	198	40	60	49.4	89839	PASS
197	198	0.00	1	0.3	501	PASS
198	198	100	100	100.0	181678	PASS
199	198	5	9	6.8	12407	PASS
275	198	10	30	24.3	44164	PASS
365	198	1	100	3.0	5439	PASS
441	443	0.01	100	77.5	23266	PASS
442	198	40	100	83.7	152143	PASS
443	442	17	23	19.7	30030	PASS

Data File	Sample Number	Analysis Date:
7M18461.D	CAL BNA@50PPM	06/06/06 10:42
7M18462.D	SMB2908	06/06/06 11:07
7M18463.D	SMB2908(MS)	06/06/06 11:30
7M18464.D	AC23801-014(50X)	06/06/06 11:53
7M18465.D	AC23801-004	06/06/06 12:17
7M18466.D	AC23801-005	06/06/06 12:40
7M18467.D	AC23801-006	06/06/06 13:03
7M18468.D	AC23801-007(10X)	06/06/06 13:26
7M18469.D	AC23791-001(MS)	06/06/06 13:49
7M18470.D	AC23791-001(MS	06/06/06 14:13
7M18471.D	AC23791-001	06/06/06 14:36
7M18472.D	WMB2917(MS)	06/06/06 14:59
7M18473.D	WMB2917	06/06/06 15:22
7M18474.D	AC23664-004	06/06/06 15:45
7M18475.D	AC23695-016	06/06/06 16:09
7M18476.D	AC23695-017	06/06/06 16:32
7M18477.D	AC23767-001	06/06/06 16:55
7M18478.D	AC23833-001	06/06/06 17:18
7M18479.D	AC23787-002	06/06/06 17:41
7M18480.D	AC23791-006	06/06/06 18:04
7M18481.D	AC23664-001	06/06/06 18:28
7M18482.D	AC23791-002(10X)	06/06/06 18:51
7M18483.D	AC23791-004(2X)	06/06/06 19:14
7M18484.D	AC23791-005(2X)	06/06/06 19:37
7M18485.D	AC23791-009(2X)	06/06/06 20:01
7M18486.D	AC23791-007	06/06/06 20:24
7M18487.D	AC23791-003	06/06/06 20:47
7M18488.D	AC23791-008	06/06/06 21:10

9600

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-06-06\7M18460.D Vial: 1
Acq On : 6 Jun 2006 10:16 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Average of 7.232 to 7.262 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	42.0	76222	PASS
68	69	0.00	2	0.2	151	PASS
69	198	0.00	100	41.4	75212	PASS
70	69	0.00	2	0.7	502	PASS
127	198	40	60	49.4	89839	PASS
197	198	0.00	1	0.3	501	PASS
198	198	100	100	100.0	181678	PASS
199	198	5	9	6.8	12407	PASS
275	198	10	30	24.3	44164	PASS
365	198	1	100	3.0	5439	PASS
441	443	0.01	100	77.5	23266	PASS
442	198	40	100	83.7	152143	PASS
443	442	17	23	19.7	30030	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19408.D
Instrument: GCMS_5 **Analysis Date:** 06/07/06 07:57

Tune Scan/Time Range: Scan 879

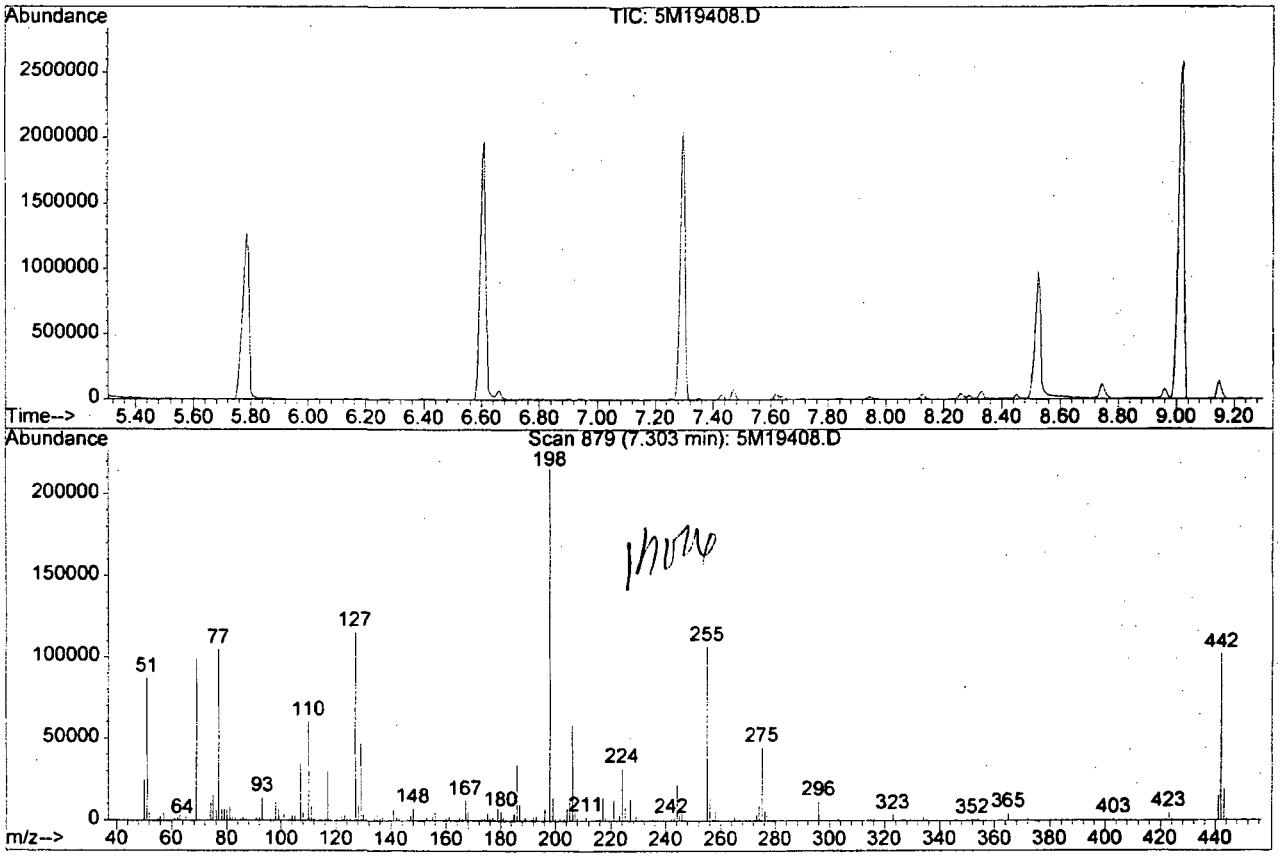
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Data File	Sample Number	Analysis Date:
5M19409.D	CAL BNA@50PPM	06/07/06 09:05
5M19410.D	*CAL BNA@50PPM*	*06/07/06 09:29*
5M19411.D	CAL BNA@10PPM	06/07/06 09:51
5M19412.D	CAL BNA@25PPM	06/07/06 10:12
5M19413.D	CAL BNA@80PPM	06/07/06 10:34
5M19414.D	CAL BNA@120PP	06/07/06 10:56
5M19415.D	CAL BNA@160PP	06/07/06 11:39
5M19416.D	CAL BNA@200PP	06/07/06 12:01
5M19417.D	SMB2909(MS)	06/07/06 12:22

6600

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-07-06\5M19408.D Vial: 1
Acq On : 7 Jun 2006 7:57 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 879

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19418.D
Instrument: GCMS_5 **Analysis Date:** 06/07/06 12:42

Tune Scan/Time Range: Average of 7.292 to 7.303 min

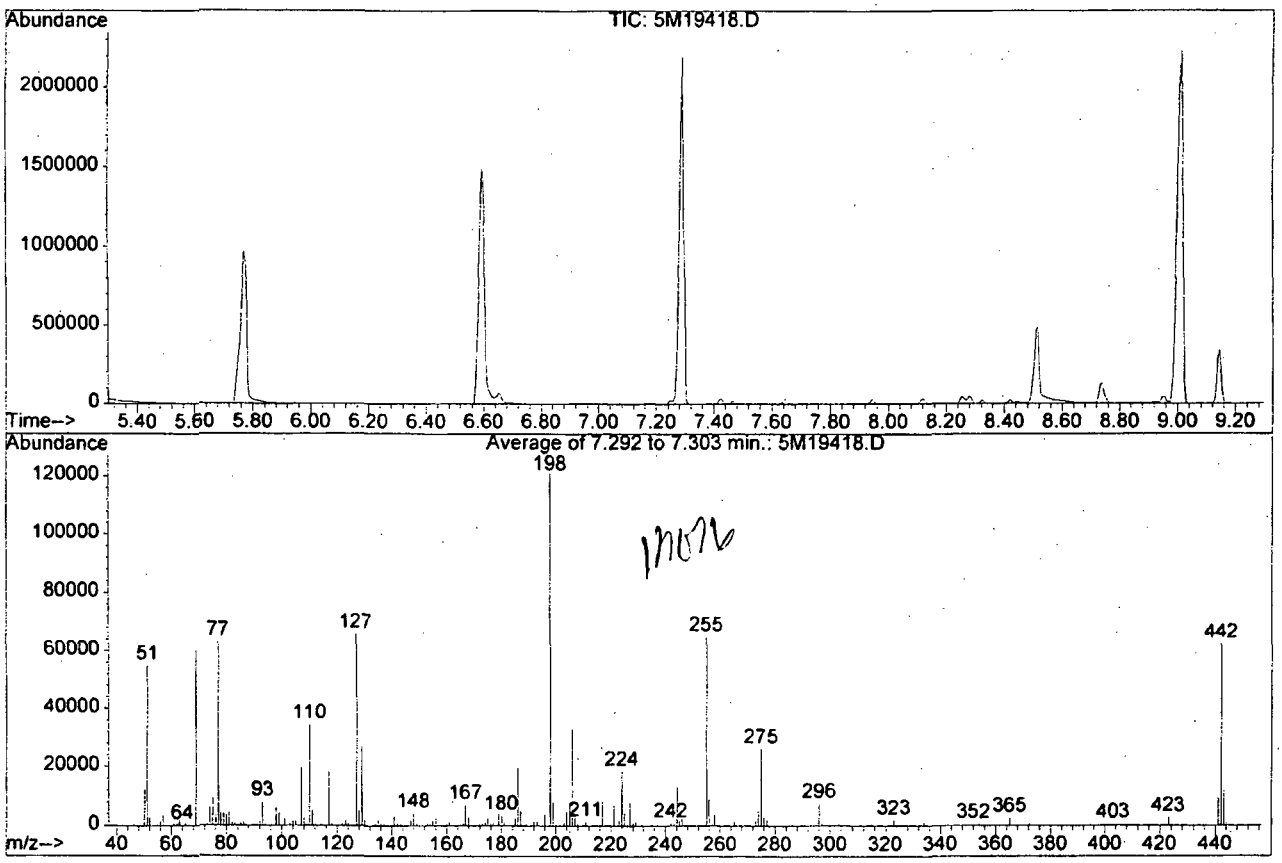
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	45.4	54938	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	50.0	60458	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.5	65911	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	121031	PASS
199	198	5	9	6.7	8114	PASS
275	198	10	30	21.7	26207	PASS
365	198	1	100	2.2	2663	PASS
441	443	0.01	100	79.1	9384	PASS
442	198	40	100	51.4	62244	PASS
443	442	17	23	19.1	11862	PASS

Data File	Sample Number	Analysis Date:
5M19419.D	CAL BNA@50PPM	06/07/06 13:00
5M19420.D	SMB2909(MS)	06/07/06 13:24
5M19421.D	WMB2917	06/07/06 13:45

0100

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-0706\5M19418.D Vial: 1
Acq On : 7 Jun 2006 12:42 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.292 to 7.303 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.4	54938	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	50.0	60458	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.5	65911	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	121031	PASS
199	198	5	9	6.7	8114	PASS
275	198	10	30	21.7	26207	PASS
365	198	1	100	2.2	2663	PASS
441	443	0.01	100	79.1	9384	PASS
442	198	40	100	51.4	62244	PASS
443	442	17	23	19.1	11862	PASS

5M19418.D 5M_0607.M Wed Jun 07 16:59:41 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19121.	CAL BNA@50PPM	05/26/06 12:01	2	5M19122.	CAL BNA@10PPM	05/26/06 12:24
3	5M19123.	CAL BNA@25PPM	05/26/06 12:45	4	5M19124.	CAL BNA@80PPM	05/26/06 13:06
5	5M19125.	CAL BNA@120PPM	05/26/06 13:28	6	5M19126.	CAL BNA@160PPM	05/26/06 13:49
7	5M19127.	CAL BNA@200PPM	05/26/06 14:10				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.7292	1.2347	1.4014	1.6353	1.6915	1.7896	1.7491	-----	1.60	1.56	0.999	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9641	-----	0.8453	0.8793	1.0199	1.0400	1.0559	-----	0.967	1.52	0.997	0.998	9.1	50.00		25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1929	1.0182	1.1667	1.3100	1.3506	1.3525	1.4342	-----	1.26	3.31	0.998	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.6039	2.0868	1.9952	1.9978	2.0669	2.1890	2.3028	-----	2.03	4.47	0.993	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5013	0.5068	0.5197	0.5463	0.5903	0.6011	0.5947	-----	0.552	4.49	0.998	0.999	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3253	1.4748	1.3407	1.3595	1.4037	1.4013	1.4278	-----	1.39	4.55	0.999	1.00	3.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7440	1.6781	1.7790	1.9448	2.0875	2.0804	2.1099	-----	1.92	4.49	0.999	0.999	9.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.8459	1.8319	1.8711	1.9962	2.0923	1.9820	2.0896	-----	1.96	4.50	0.998	0.998	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4003	1.4245	1.3635	1.4645	1.5540	1.5521	1.5634	-----	1.47	4.57	0.999	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.4085	1.4299	1.5165	1.4965	1.5651	1.5863	1.5808	-----	1.51	4.71	0.999	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.4471	1.5111	1.4663	1.5434	1.6030	1.6240	1.5791	-----	1.54	4.78	0.999	0.999	4.4*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4103	1.5407	1.4333	1.5067	1.5470	1.5592	1.5582	-----	1.51	4.91	1.00	1.00	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9096	0.8572	0.9128	1.0029	1.0419	0.9963	1.0400	-----	0.966	4.93	0.999	0.999	7.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.6823	1.7956	1.7300	1.7920	1.9098	1.9313	1.9751	-----	1.83	5.05	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2418	1.2896	1.2792	1.3616	1.4640	1.5196	1.6071	-----	1.39	5.04	0.996	1.00	9.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6883	0.7553	0.7149	0.7065	0.7312	0.7476	0.7390	-----	0.726	5.20	0.999	1.00	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.1823	1.2017	1.2869	1.2725	1.3672	1.2979	1.3392	-----	1.28	5.16	0.998	0.998	5.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.3470	1.3188	1.3838	1.4430	1.5376	1.5277	1.6288	-----	1.46	5.18	0.997	0.999	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1566	0.1502	0.1538	0.1608	0.1631	0.1692	0.1636	-----	0.160	5.26	0.999	0.999	4.1	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4801	0.4576	0.4753	0.4958	0.4900	0.4829	0.4865	-----	0.481	5.28	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.7683	0.7884	0.7643	0.8030	0.8252	0.8283	0.8345	-----	0.802	5.48	1.00	1.00	3.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1874	0.1866	0.1829	0.2043	0.2010	0.2123	0.2170	-----	0.199	5.54	0.998	1.00	6.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4045	0.4088	0.3857	0.4336	0.4323	0.4361	0.4520	-----	0.422	5.60	0.999	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1362	0.0923	0.1111	0.0944	0.0968	0.0759	0.0827	-----	0.0985	5.72	0.958	0.968	20	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4034	0.3975	0.3961	0.4176	0.4171	0.4385	0.4391	-----	0.416	5.67	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.2904	0.2749	0.2807	0.3051	0.3008	0.3196	0.3289	-----	0.300	5.74	0.998	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3195	0.3187	0.3059	0.3297	0.3235	0.3448	0.3408	-----	0.326	5.79	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.3518	1.4202	1.2972	1.4471	1.4620	1.5956	1.6152	-----	1.46	5.84	0.997	0.999	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.3944	0.4006	0.4249	0.4163	0.3837	0.3416	0.4238	-----	0.398	5.90	0.977	0.981	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1855	0.2059	0.1946	0.1908	0.1947	0.2047	0.2016	-----	0.197	5.95	0.999	0.999	3.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3652	0.3644	0.3664	0.3826	0.3999	0.4051	0.4228	-----	0.387	6.29	0.998	1.00	6.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7075	0.6940	0.6868	0.7393	0.7676	0.8334	0.8602	-----	0.756	6.37	0.996	1.00	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7075	0.6940	0.6868	0.7393	0.7676	0.8334	0.8602	-----	0.756	6.37	0.996	1.00	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5539	0.4967	0.5414	0.5576	0.5698	0.5926	0.5805	-----	0.556	6.49	0.999	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1825	-----	0.1565	0.2273	0.2377	0.2869	0.2656	-----	0.226	6.48	0.990	0.990	22**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3666	0.3264	0.3485	0.3815	0.3774	0.4089	0.3979	-----	0.373	6.58	0.998	0.999	7.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3916	0.3543	0.3691	0.3958	0.4116	0.4308	0.4244	-----	0.397	6.61	0.999	0.999	7.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2375	1.1201	1.1873	1.2746	1.2899	1.3434	1.2564	-----	1.24	6.64	0.999	0.998	5.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1279	1.0107	1.0644	1.1710	1.1596	1.2518	1.2362	-----	1.15	6.72	0.998	0.999	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9323	0.8600	0.8952	0.9342	0.9498	1.0324	1.0136	-----	0.945	6.97	0.998	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9323	0.8600	0.8952	0.9342	0.9498	1.0324	1.0136	-----	0.945	6.97	0.998	0.999	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7518	0.6581	0.7104	0.7726	0.7783	0.8553	0.8382	-----	0.766	6.79	0.998	0.998	9.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria * *- ccc compound*

b - failed the ccc criteria ** *- spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.62

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0102

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19121.	CAL BNA@50PPM	05/26/06 12:01	2	5M19122.	CAL BNA@10PPM	05/26/06 12:24
3	5M19123.	CAL BNA@25PPM	05/26/06 12:45	4	5M19124.	CAL BNA@80PPM	05/26/06 13:06
5	5M19125.	CAL BNA@120PPM	05/26/06 13:28	6	5M19126.	CAL BNA@160PPM	05/26/06 13:49
7	5M19127.	CAL BNA@200PPM	05/26/06 14:10				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.6834	0.4898	0.6436	0.5197	0.5101	0.5280	0.5229	-----	0.557	6.81	0.993	0.993	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.5508	2.4340	2.3851	2.6373	2.6996	2.8922	2.9214	-----	2.65	7.03	0.998	1.00	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3913	1.2712	1.3462	1.4119	1.4221	1.4653	1.5041	-----	1.40	6.94	0.999	1.00	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2979	0.2750	0.2784	0.3059	0.3061	0.3119	0.3126	-----	0.298	6.99	1.00	1.00	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5462	1.4567	1.4559	1.6046	1.6360	1.7821	1.7913	-----	1.61	7.16	0.997	0.999	8.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3429	0.2824	0.3404	0.3303	0.3080	0.2825	0.3408	-----	0.318	7.12	0.982	0.985	8.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1458	-----	0.0934	0.1549	0.1658	0.1735	0.1942	-----	0.155	7.22	0.993	0.998	22**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6462	1.5517	1.5562	1.6803	1.6977	1.7975	1.7858	-----	1.67	7.30	0.999	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4284	0.4212	0.4109	0.4275	0.4361	0.4250	0.4451	-----	0.428	7.31	0.999	0.999	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3885	0.2895	0.3341	0.3704	0.3780	0.3987	0.3823	-----	0.363	7.28	0.999	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2652	0.2148	0.2257	0.2703	0.2845	0.3046	0.3131	-----	0.268	7.40	0.997	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8158	1.7071	1.7389	1.9748	2.0336	2.2059	2.2569	-----	1.96	7.58	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6446	0.6112	0.6217	0.6852	0.7023	0.7553	0.7706	-----	0.684	7.59	0.997	1.00	9.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5724	1.5590	1.4567	1.5744	1.6124	1.6445	1.6749	-----	1.58	7.51	0.999	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3412	0.3321	0.3283	0.3468	0.3556	0.3291	0.3639	-----	0.342	7.62	0.995	0.996	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1496	-----	0.1134	0.1366	0.1438	0.1496	0.1575	-----	0.142	7.65	0.995	0.998	11	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5722	0.5488	0.5354	0.5488	0.5608	0.6119	0.5941	-----	0.567	7.69	0.997	0.998	4.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0674	0.0541	0.0652	0.0667	0.0666	0.0730	0.0711	-----	0.0663	7.79	0.998	0.998	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0140	1.0160	0.9800	0.9743	0.9977	1.0534	1.0144	-----	1.01	7.72	0.999	0.999	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.1988	0.1905	0.1966	0.2034	0.2048	0.2147	0.2143	-----	0.203	8.02	0.999	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1825	0.1764	0.1801	0.1816	0.1863	0.1975	0.1926	-----	0.185	8.07	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1637	0.1849	0.1516	0.1614	0.1624	0.1672	0.1668	-----	0.165	8.31	0.999	1.00	6.1	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.0560	-----	-----	0.0702	0.0742	0.0988	0.1101	-----	0.0819	8.27	0.974	0.996	27*(30)	50.00			80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5854	1.5067	1.5380	1.6425	1.6511	1.7990	1.8135	-----	1.65	8.46	0.997	0.999	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6202	1.5048	1.4849	1.6105	1.6614	1.7544	1.8131	-----	1.64	8.51	0.998	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1309	1.0248	1.0361	1.0799	1.1077	1.1726	1.2004	-----	1.11	8.69	0.998	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1855	0.1148	0.1565	0.1697	0.1595	0.1810	0.1755	-----	0.163	8.94	0.995	0.995	15	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5383	1.4367	1.4758	1.5637	1.5792	1.6558	1.6929	-----	1.56	9.09	0.999	1.00	5.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1551	0.1458	0.1424	0.1573	0.1654	0.1647	0.1613	-----	0.156	9.61	0.999	0.999	5.8	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8067	1.6991	1.6188	1.8075	1.8534	1.9190	2.0430	-----	1.82	9.71	0.997	1.00	7.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.6913	1.6950	1.7848	1.8416	1.7772	1.9101	1.7741	-----	1.78	9.96	0.996	0.997	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.3665	-----	0.4165	0.3312	0.3512	0.3078	0.2752	-----	0.341	9.90	0.975	0.993	14	50.00		25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	0.8048	0.8410	0.8477	0.8624	0.8192	0.8551	0.7953	-----	0.832	10.18	0.997	0.998	3.1	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0992	0.1073	0.0942	0.1024	0.0909	0.0987	0.0923	-----	0.0979	10.39	0.996	0.996	6.0	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.6922	0.6477	0.6907	0.7251	0.7051	0.7425	0.7089	-----	0.702	10.79	0.999	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.6593	1.5066	1.6083	1.7551	1.7180	1.7849	1.7316	-----	1.68	11.35	0.999	0.999	5.8	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4760	0.4475	0.4732	0.4488	0.3750	0.3909	0.4208	-----	0.433	11.36	0.990	0.991	9.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.7341	1.7288	1.7415	1.8398	1.8063	1.8764	1.8113	-----	1.79	11.36	0.999	0.999	3.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.5841	1.6290	1.5135	1.6364	1.5959	1.6270	1.5242	-----	1.59	11.39	0.997	0.999	3.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9558	1.0003	0.9434	0.9933	0.9462	1.0210	0.9500	-----	0.973	11.51	0.997	0.997	3.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3425	2.0998	2.3159	2.5099	2.5111	2.8680	2.8967	-----	2.51	12.25	0.993	0.998	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2783	1.9710	2.2273	2.3727	2.2959	2.5931	2.6391	-----	2.34	12.55	0.995	0.998	9.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.62

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0103

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19121.	CAL BNA@50PPM	05/26/06 12:01	2	5M19122.	CAL BNA@10PPM	05/26/06 12:24
3	5M19123.	CAL BNA@25PPM	05/26/06 12:45	4	5M19124.	CAL BNA@80PPM	05/26/06 13:06
5	5M19125.	CAL BNA@120PPM	05/26/06 13:28	6	5M19126.	CAL BNA@160PPM	05/26/06 13:49
7	5M19127.	CAL BNA@200PPM	05/26/06 14:10				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.0689	1.9944	2.0103	2.2510	2.3305	2.2825	2.3247	-----	2.18	12.59	0.999	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0359	1.9189	2.0023	2.2127	2.2125	2.2953	2.3518	-----	2.15	12.89	0.999	1.00	7.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.2021	1.8776	2.0305	2.2712	2.2590	2.2719	2.4733	-----	2.20	13.94	0.996	0.998	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.8132	1.6440	1.7405	1.8760	1.8829	1.8990	2.0677	-----	1.85	13.96	0.996	0.999	7.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8837	1.6777	1.7576	1.9117	1.8906	1.7983	2.0091	-----	1.85	14.17	0.994	0.996	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria * *- ccc compound*
b - failed the ccc criteria ** *- spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.62
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0104

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.6336	1.2387	1.5738	1.6514	1.7174	1.8022	1.7649	-----	1.63	1.83	0.999	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9611	0.8417	0.9524	0.9120	1.0096	0.9730	1.0161	-----	0.952	1.78	0.998	0.999	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.4092	1.3514	1.4010	1.4418	1.4490	1.5177	1.5615	-----	1.45	3.64	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	2.0709	2.5011	2.1984	2.1670	1.9956	1.9661	1.9911	-----	2.13	4.69	0.999	0.999	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5296	0.5168	0.5226	0.5254	0.5320	0.5387	0.5345	-----	0.529	4.73	1.00	1.00	1.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.5165	1.5835	1.6063	1.5616	1.5253	1.5725	1.5670	-----	1.56	4.78	1.00	1.00	2.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.8403	1.8674	1.9549	1.9544	1.8509	1.9422	1.9472	-----	1.91	4.69	0.999	0.999	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	2.2086	2.2947	2.2723	2.2667	2.1838	2.2914	2.2965	-----	2.26	4.70	0.999	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4867	1.5098	1.4580	1.5243	1.5068	1.5344	1.5730	-----	1.51	4.79	0.999	1.00	2.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5663	1.5477	1.4947	1.5084	1.5368	1.5463	1.5032	-----	1.53	4.93	0.999	1.00	1.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5577	1.5508	1.5532	1.5604	1.5497	1.5820	1.5451	-----	1.56	5.00	1.00	1.00	0.78*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4569	1.4949	1.4823	1.4678	1.4638	1.4657	1.4392	-----	1.47	5.13	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9954	0.9326	0.9746	1.0320	1.0084	1.0365	1.0408	-----	1.00	5.13	1.00	1.00	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	2.6070	2.6912	2.7193	2.6227	2.5207	2.6268	2.5804	-----	2.62	5.25	0.999	0.999	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.3838	1.3713	1.4312	1.4403	1.4037	1.4355	1.4510	-----	1.42	5.23	1.00	1.00	2.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6678	0.6278	0.6809	0.6683	0.6792	0.6834	0.6717	-----	0.668	5.41	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.0402	1.0823	1.0941	1.1433	1.0973	1.1535	1.1599	-----	1.11	5.35	0.999	0.999	4.0**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4322	1.4746	1.4847	1.5339	1.4954	1.5531	1.5450	-----	1.50	5.36	0.999	1.00	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1455	0.1458	0.1467	0.1667	0.1680	0.1703	0.1769	-----	0.160	5.46	0.998	0.999	8.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4122	0.3812	0.4022	0.4245	0.4204	0.4127	0.4196	-----	0.410	5.47	1.00	1.00	3.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.6975	0.7014	0.7279	0.7596	0.7335	0.7372	0.7336	-----	0.727	5.67	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1814	0.1451	0.1683	0.1849	0.1899	0.1876	0.1965	-----	0.179	5.73	0.999	0.999	9.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.3632	0.3122	0.3453	0.3811	0.3916	0.3935	0.3899	-----	0.368	5.79	1.00	1.00	8.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0736	-----	0.0517	0.0940	0.1020	0.0992	0.1130	-----	0.0890	5.84	0.993	0.995	25	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4318	0.4420	0.4543	0.4580	0.4632	0.4396	0.4362	-----	0.446	5.86	0.998	0.999	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.2821	0.2716	0.2786	0.2910	0.2868	0.2884	0.2916	-----	0.284	5.92	1.00	1.00	2.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.2936	0.2972	0.2907	0.2902	0.3000	0.2890	0.2912	-----	0.293	5.99	1.00	1.00	1.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.3958	1.4794	1.4120	1.4442	1.4294	1.3762	1.3457	-----	1.41	6.04	0.999	1.00	3.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4019	0.4270	0.4209	0.4360	0.4002	0.3834	0.3683	-----	0.405	6.09	0.995	0.999	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1533	0.1611	0.1537	0.1546	0.1597	0.1561	0.1547	-----	0.156	6.14	1.00	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.2951	0.3005	0.3093	0.3441	0.3308	0.3354	0.3411	-----	0.322	6.46	0.999	0.999	6.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6556	0.6417	0.6636	0.6958	0.6760	0.6676	0.6664	-----	0.667	6.56	1.00	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.6556	0.6417	0.6636	0.6958	0.6760	0.6676	0.6664	-----	0.667	6.56	1.00	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.4870	0.4497	0.4830	0.4665	0.4656	0.4734	0.4742	-----	0.471	6.69	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.2175	0.1550	0.1915	0.2313	0.2574	0.2585	0.2305	-----	0.220	6.68	0.990	0.994	17**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3332	0.3166	0.3198	0.3329	0.3546	0.3511	0.3630	-----	0.339	6.78	0.998	1.00	5.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3566	0.3290	0.3707	0.3631	0.3640	0.3665	0.3923	-----	0.363	6.80	0.997	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2506	1.1732	1.2653	1.2288	1.2593	1.2490	1.2695	-----	1.24	6.84	1.00	1.00	2.7	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1201	1.0955	1.0841	1.1197	1.1293	1.1119	1.1279	-----	1.11	6.93	1.00	1.00	1.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8488	0.8180	0.8348	0.8409	0.8369	0.8248	0.8333	-----	0.834	7.18	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.8488	0.8180	0.8348	0.8409	0.8369	0.8248	0.8333	-----	0.834	7.18	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7254	0.7188	0.7301	0.7313	0.7261	0.7391	0.7421	-----	0.730	7.00	1.00	1.00	1.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

SOTO

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.4876	0.4432	0.4861	0.5076	0.5210	0.5276	0.5390	----	0.502	7.01	0.999	1.00	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.2864	2.2574	2.3286	2.3021	2.3246	2.2670	2.2865	----	2.29	7.24	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.2469	1.2389	1.2243	1.2587	1.2571	1.2475	1.2889	----	1.25	7.15	0.999	1.00	1.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	LinF	0.2448	0.1936	0.2538	0.2644	0.2667	0.2795	0.2922	----	0.256	7.20	0.998	1.00	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.3636	1.4235	1.3347	1.3863	1.3836	1.3819	1.3639	----	1.38	7.38	1.00	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3064	0.2657	0.2888	0.3214	0.3294	0.3243	0.3285	----	0.309	7.33	1.00	1.00	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.0673	----	----	0.0897	0.1123	0.1224	0.1535	----	0.109	7.42	0.977	0.996	30**(0.050)	50.00			80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.5590	1.5833	1.5963	1.5914	1.5509	1.5450	1.5356	----	1.57	7.53	1.00	1.00	1.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	LinF	0.3430	0.2714	0.3292	0.3639	0.3728	0.3801	0.3839	----	0.349	7.53	1.00	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.2701	0.2077	0.2403	0.2819	0.2885	0.3032	0.3179	----	0.273	7.47	0.998	1.00	14**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2428	0.2037	0.2388	0.2537	0.2626	0.2687	0.2843	----	0.251	7.63	0.998	1.00	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.6439	1.6678	1.6553	1.6500	1.6643	1.6288	1.6045	----	1.65	7.82	1.00	1.00	1.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.5511	0.6189	0.5717	0.5618	0.5509	0.5491	0.5516	----	0.565	7.83	1.00	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.1887	1.1315	1.1964	1.2066	1.2354	1.2187	1.2380	----	1.20	7.74	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3455	0.2901	0.3298	0.3577	0.3499	0.3595	0.3731	----	0.344	7.84	0.999	1.00	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1016	----	0.0825	0.1157	0.1293	0.1427	0.1590	----	0.122	7.87	0.987	1.00	23	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6579	0.6178	0.6220	0.6476	0.6390	0.6469	0.6470	----	0.640	7.93	1.00	1.00	2.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0880	0.0698	0.0922	0.0904	0.0975	0.0955	0.1023	----	0.0909	8.04	0.997	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0383	0.9538	1.0213	1.0414	1.0323	1.0324	1.0232	----	1.02	7.97	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2199	0.2039	0.2119	0.2152	0.2178	0.2211	0.2186	----	0.216	8.28	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.2258	0.2163	0.2251	0.2263	0.2213	0.2255	0.2224	----	0.223	8.32	1.00	1.00	1.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1288	0.1018	0.1221	0.1426	0.1375	0.1397	0.1481	----	0.132	8.57	0.998	0.999	12	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1047	----	0.0670	0.1103	0.1174	0.1285	0.1463	----	0.112	8.51	0.993	0.998	24*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.6675	1.6623	1.6540	1.6127	1.6210	1.6154	1.5955	----	1.63	8.72	1.00	1.00	1.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.5920	1.5224	1.5630	1.6311	1.5902	1.6219	1.5984	----	1.59	8.77	1.00	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.2119	1.1270	1.1778	1.2169	1.2008	1.2060	1.2007	----	1.19	8.95	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1522	0.1462	0.1395	0.1553	0.1614	0.1570	0.1832	----	0.156	9.22	0.988	0.995	8.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.2991	1.1277	1.2469	1.3577	1.3673	1.4303	1.4455	----	1.32	9.36	0.999	1.00	8.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1258	0.1152	0.1272	0.1144	0.1195	0.1266	0.1260	----	0.122	9.89	0.998	0.999	4.6	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.6465	1.4805	1.5715	1.6677	1.6421	1.6956	1.6709	----	1.63	9.99	1.00	1.00	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.9256	1.8931	1.8561	1.9668	1.9019	1.9719	1.9253	----	1.92	10.24	0.999	0.999	2.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1321	----	0.1320	0.1497	0.1904	0.1664	----	----	0.154	10.18	0.977	0.978	16	50.00		25.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	0.8512	0.8854	0.8144	0.8690	0.8546	0.8943	0.8964	----	0.867	10.46	0.999	1.00	3.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0661	0.0727	0.0596	0.0676	0.0654	0.0738	0.0793	----	0.0693	10.68	0.990	0.998	9.4	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	LinF	0.5738	0.4549	0.5050	0.6208	0.6188	0.6599	0.6811	----	0.588	11.07	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	0.9937	1.0085	1.0120	1.0238	1.0032	1.0170	0.9985	----	1.01	11.68	1.00	1.00	1.0	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4036	0.3229	0.3789	0.4282	0.4029	0.4187	0.4166	----	0.396	11.65	0.999	0.999	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.5510	1.4793	1.4568	1.6217	1.5611	1.6491	1.6189	----	1.56	11.64	0.999	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6064	1.6790	1.6387	1.6739	1.6326	1.6689	1.6099	----	1.64	11.68	0.999	0.999	1.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.7807	0.5647	0.6955	0.8570	0.8498	0.9183	0.9324	----	0.800	11.79	0.998	0.999	16	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	1.5069	0.9672	1.2640	1.7659	1.8127	1.9641	2.0812	----	1.62	12.54	0.989	1.00	25*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.1086	1.9657	2.0598	2.3298	2.2294	2.2156	2.1872	----	2.16	12.84	0.999	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

90T0

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.3394	2.2380	2.1749	2.3214	2.3089	2.3723	2.3172	-----	2.30	12.88	1.00	1.00	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0421	2.0280	1.9466	2.1515	2.1031	2.1428	2.0915	-----	2.07	13.18	0.999	1.00	3.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.0525	1.8075	1.9504	2.1434	2.1081	2.1418	2.1167	-----	2.05	14.29	1.00	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7032	1.6247	1.6569	1.8038	1.7547	1.7795	1.7622	-----	1.73	14.32	1.00	1.00	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8469	1.8038	1.7858	1.9601	1.8844	1.9135	1.8552	-----	1.86	14.54	0.999	0.999	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

LOTO

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.5701	1.5042	1.3686	1.5204	1.6285	1.7846	1.7774	----	1.59	1.47	0.996	0.999	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9098	0.7257	0.8089	0.9629	0.9957	0.9676	1.1440	----	0.931	1.43	0.987	0.994	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1884	0.9907	1.0974	1.2574	1.3088	1.3360	1.4831	----	1.24	3.17	0.993	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8056	1.8732	1.8776	1.9893	2.0339	2.0078	1.9359	----	1.93	4.37	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5426	0.4883	0.4913	0.5361	0.5498	0.5523	0.5938	----	0.536	4.39	0.997	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3408	1.2419	1.2854	1.4004	1.3991	1.3886	1.5127	----	1.37	4.46	0.996	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7484	1.5565	1.6398	1.8658	1.9663	1.9523	2.1298	----	1.84	4.41	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.7675	1.6807	1.7012	1.8095	1.8963	1.8626	2.0460	----	1.82	4.42	0.995	0.998	6.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4506	1.3737	1.4402	1.5315	1.5830	1.5475	1.7278	----	1.52	4.48	0.994	0.998	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5111	1.4583	1.4434	1.5241	1.5589	1.5600	1.6369	----	1.53	4.61	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5526	1.4776	1.5413	1.5144	1.5863	1.5884	1.7059	----	1.57	4.69	0.997	0.999	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4566	1.3688	1.4592	1.4667	1.5252	1.5403	1.6531	----	1.50	4.82	0.996	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9212	0.8159	0.9150	1.0340	1.0122	0.9998	1.0621	----	0.966	4.84	0.998	0.999	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.7380	1.6690	1.7399	1.8273	1.8987	1.8734	2.1034	----	1.84	4.97	0.993	0.998	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2860	1.1948	1.3380	1.3528	1.4382	1.4560	1.6707	----	1.39	4.97	0.988	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7219	0.6728	0.7219	0.7560	0.7719	0.7894	0.8018	----	0.748	5.11	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2265	1.1280	1.3021	1.3499	1.3465	1.3463	1.4725	----	1.31	5.07	0.995	0.998	8.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4151	1.2524	1.4058	1.4832	1.6114	1.6342	1.7366	----	1.51	5.10	0.997	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1629	0.1314	0.1532	0.1656	0.1693	0.1654	0.1705	----	0.160	5.18	1.00	1.00	8.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4796	0.4415	0.4691	0.5065	0.4964	0.5078	0.5169	----	0.488	5.20	1.00	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8084	0.7325	0.7388	0.8343	0.8441	0.8457	0.8682	----	0.810	5.40	1.00	1.00	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1937	0.1810	0.1857	0.2098	0.2077	0.2088	0.2233	----	0.201	5.46	0.997	0.999	7.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4240	0.3274	0.3667	0.4338	0.4537	0.4620	0.4914	----	0.423	5.53	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1528	----	0.1483	0.1480	0.1194	0.1337	0.1018	----	0.134	5.66	0.933	0.966	15	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4071	0.3791	0.4017	0.4363	0.4318	0.4347	0.4635	----	0.422	5.59	0.998	0.999	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3038	0.2742	0.2619	0.2966	0.3075	0.3245	0.3533	----	0.303	5.66	0.993	0.999	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3209	0.3147	0.2959	0.3274	0.3361	0.3482	0.3618	----	0.329	5.70	0.998	1.00	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.4348	1.2766	1.3239	1.4618	1.5429	1.6214	1.7607	----	1.49	5.76	0.994	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4214	0.4049	0.4055	0.4314	0.4111	0.4162	0.3807	----	0.410	5.82	0.994	0.998	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1975	0.1833	0.1826	0.1977	0.2021	0.2089	0.2101	----	0.198	5.86	0.999	1.00	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3807	0.3447	0.3561	0.3962	0.4133	0.4248	0.4542	----	0.396	6.21	0.996	1.00	9.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5446	0.5008	0.5294	0.5546	0.5729	0.5954	0.5655	----	0.552	6.41	0.998	0.998	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1785	0.0861	0.1286	0.1981	0.2327	0.2399	0.1845	----	0.178	6.40	0.957	0.974	31**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3759	0.3220	0.3311	0.3850	0.3874	0.4095	0.3860	----	0.371	6.50	0.998	0.998	8.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4004	0.3757	0.3739	0.4270	0.4097	0.4235	0.4074	----	0.403	6.54	0.999	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2350	1.1848	1.1481	1.2469	1.2640	1.2632	1.2219	----	1.22	6.56	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1342	1.0662	1.0693	1.1624	1.1796	1.2384	1.2086	----	1.15	6.63	0.999	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7603	0.7050	0.7072	0.7913	0.7873	0.8415	0.7929	----	0.769	6.70	0.998	0.998	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

8010

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.5131	0.4682	0.4934	0.5329	0.5321	0.5484	0.5040	-----	0.513	6.72	0.996	0.998	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.4938	2.3298	2.3817	2.6417	2.7039	2.8039	2.7122	-----	2.58	6.93	0.999	0.999	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3458	1.3414	1.3073	1.4325	1.4314	1.5050	1.5197	-----	1.41	6.86	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2929	0.2684	0.2748	0.3116	0.3071	0.3024	0.2884	-----	0.292	6.91	0.997	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5193	1.4474	1.4617	1.6021	1.6618	1.7333	1.6957	-----	1.59	7.07	0.999	0.999	7.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3427	0.3395	0.3348	0.3586	0.3431	0.3313	0.2725	-----	0.332	7.03	0.968	0.994	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1338	-----	0.1006	0.1641	0.1688	0.1943	0.1968	-----	0.160	7.13	0.996	0.998	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6256	1.5298	1.5384	1.7464	1.7299	1.8202	1.8267	-----	1.69	7.20	0.999	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4041	0.3696	0.3975	0.4399	0.4271	0.4250	0.4016	-----	0.409	7.22	0.997	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3991	0.3304	0.3638	0.4305	0.4134	0.4387	0.4595	-----	0.405	7.20	0.998	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2925	0.2542	0.2524	0.3123	0.3129	0.3271	0.3213	-----	0.296	7.32	0.999	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8197	1.6832	1.7143	1.9328	2.0337	2.1974	2.1647	-----	1.94	7.48	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6273	0.6326	0.6164	0.6803	0.6972	0.7472	0.7463	-----	0.678	7.49	0.998	0.999	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5301	1.4786	1.4444	1.6003	1.5580	1.6235	1.5610	-----	1.54	7.42	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3493	0.3054	0.3249	0.3679	0.3314	0.3492	0.3195	-----	0.335	7.52	0.994	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1414	-----	0.1226	0.1452	0.1532	0.1556	0.1661	-----	0.147	7.56	0.998	0.999	10	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5755	0.5216	0.5501	0.5778	0.5968	0.6139	0.6349	-----	0.582	7.60	0.999	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0704	0.0654	0.0613	0.0725	0.0765	0.0765	0.0813	-----	0.0720	7.69	0.998	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0529	1.0071	1.0006	1.0492	1.0692	1.0760	1.1777	-----	1.06	7.63	0.995	0.999	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2073	0.1997	0.1876	0.2104	0.2174	0.2248	0.2291	-----	0.211	7.92	0.999	1.00	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1952	0.1843	0.1880	0.1955	0.2046	0.2066	0.2089	-----	0.198	7.96	0.999	1.00	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1776	0.1464	0.1463	0.1584	0.1704	0.1679	0.1685	-----	0.162	8.20	0.999	0.999	7.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1103	-----	0.0791	0.1079	0.1216	0.1295	0.1423	-----	0.115	8.16	0.993	0.999	19*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5882	1.4347	1.5213	1.6222	1.7439	1.8489	1.9524	-----	1.67	8.35	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6186	1.4906	1.5368	1.6448	1.7309	1.8247	1.9021	-----	1.68	8.40	0.997	1.00	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1116	0.9961	1.0380	1.1229	1.1481	1.1953	1.2623	-----	1.12	8.58	0.997	1.00	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1746	0.1392	0.1608	0.1743	0.1764	0.1824	0.1844	-----	0.170	8.82	1.00	1.00	9.2	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5835	1.4383	1.4567	1.5850	1.6529	1.6883	1.7751	-----	1.60	8.98	0.998	1.00	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1492	-----	0.1453	0.1615	0.1718	0.1773	0.1738	-----	0.163	9.48	0.999	0.999	8.2	10.00		5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8069	1.6091	1.6427	1.8077	1.8917	2.0142	2.1086	-----	1.84	9.59	0.996	1.00	9.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.8098	1.7763	1.7623	1.7523	1.8668	1.8542	1.8674	-----	1.81	9.83	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1460	0.3898	0.1620	0.1306	0.1701	-----	-----	-----	0.200	9.78	0.936	0.994	54	50.00	10.00	25.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	0.8214	0.8088	0.7967	0.7992	0.8120	0.8056	0.8120	-----	0.808	10.06	1.00	1.00	1.0	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0899	0.0867	0.0875	0.1021	0.0956	0.1003	0.0926	-----	0.0935	10.26	0.995	0.997	6.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.7194	0.6932	0.6842	0.6876	0.7189	0.7092	0.7355	-----	0.707	10.67	0.999	1.00	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.7068	1.5663	1.6589	1.6803	1.7142	1.7646	1.7469	-----	1.69	11.23	1.00	1.00	3.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4664	0.4566	0.4597	0.4508	0.4210	0.4129	-----	-----	0.445	11.24	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0		
Benzo[a]anthracene	1	0	Avg	1.7648	1.7126	1.7209	1.7400	1.7515	1.8152	1.8468	-----	1.76	11.23	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6134	1.5586	1.5484	1.5721	1.5431	1.5195	1.5524	-----	1.56	11.27	1.00	1.00	1.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9754	0.9391	0.9642	0.9253	0.9525	0.9621	0.9911	-----	0.959	11.39	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3949	2.1173	2.2553	2.4050	2.6300	2.8374	3.0899	-----	2.53	12.13	0.989	1.00	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2491	2.0364	2.1102	2.2641	2.3365	2.5468	2.7520	-----	2.33	12.42	0.992	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

60TO

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.2109	2.1113	2.2096	2.2694	2.3092	2.4341	2.4669	-----	2.29	12.46	0.998	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0747	1.9526	2.0188	2.1572	2.1905	2.3574	2.4242	-----	2.17	12.75	0.997	1.00	8.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.1651	1.9911	2.0746	2.2593	2.2932	2.3919	2.3922	-----	2.22	13.81	0.999	1.00	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7641	1.6378	1.7362	1.8788	1.8574	1.9966	2.0291	-----	1.84	13.83	0.998	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8031	1.7376	1.8521	1.9181	1.8215	1.9501	1.8961	-----	1.85	14.03	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

OTTO

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18461.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/6/2006 10:42:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.95	40.00	40				0.000	0.00	
Pyridine	1	0		1.78	52.91	50			1.626	1.721	5.82	
N-Nitrosodimethylamine	1	0		1.73	54.66	50			0.952	1.041	9.32	
2-Fluorophenol	1	0	S	3.58	49.71	50			1.447	1.439	0.58	
Aniline	1	0		4.65	50.16	50			2.127	2.134	0.32	
Pentachloroethane	1	0		4.69	50.86	50			0.529	0.538	1.72	
bis(2-Chloroethyl)ether	1	0		4.74	51.41	50			1.562	1.606	2.82	
Phenol-d5	1	0	S	4.65	52.18	50			1.908	1.991	4.36	
Phenol	1	0	CC	4.66	51.51	50	20		2.259	2.327	3.02	
2-Chlorophenol	1	0		4.76	50.37	50			1.513	1.525	0.74	
1,3-Dichlorobenzene	1	0		4.89	53.24	50			1.529	1.628	6.48	
1,4-Dichlorobenzene	1	0	CC	4.96	50.93	50	20		1.557	1.586	1.86	
1,2-Dichlorobenzene	1	0		5.09	52.13	50			1.467	1.530	4.26	
Benzyl alcohol	1	0		5.09	53.39	50			1.003	1.071	6.78	
bis(2-chloroisopropyl)ether	1	0		5.22	51.86	50			2.624	2.722	3.72	
2-Methylphenol	1	0		5.20	50.02	50			1.417	1.417	0.04	
Hexachloroethane	1	0		5.37	53.53	50			0.668	0.716	7.06	
N-Nitroso-di-n-propylamine	1	0	CP	5.32	51.56	50	0.05		1.110	1.145	3.12	
3&4-Methylphenol	1	0		5.33	51.88	50			1.503	1.559	3.76	
Naphthalene-d8	1	0	I	5.99	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.43	27.41	25			0.160	0.175	9.64	
Nitrobenzene	1	0		5.45	52.92	50			0.410	0.434	5.84	
Isophorone	1	0		5.64	53.06	50			0.727	0.772	6.12	
2-Nitrophenol	1	0	CC	5.70	52.67	50	20		0.179	0.189	5.34	
2,4-Dimethylphenol	1	0		5.76	51.61	50			0.368	0.380	3.22	
Benzoic Acid	1	0		5.82	44.42	50			0.089	0.079	11.16	
bis(2-Chloroethoxy)methane	1	0		5.83	52.79	50			0.446	0.471	5.58	
2,4-Dichlorophenol	1	0	CC	5.89	52.13	50	20		0.284	0.296	4.26	
1,2,4-Trichlorobenzene	1	0		5.95	51.38	50			0.293	0.301	2.76	
Naphthalene	1	0		6.01	52.18	50			1.412	1.474	4.36	
4-Chloroaniline	1	0		6.06	52.03	50			0.405	0.422	4.06	
Hexachlorobutadiene	1	0	CC	6.11	51.57	50	20		0.156	0.161	3.14	
4-Chloro-3-methylphenol	1	0	CC	6.43	50.85	50	20		0.322	0.328	1.70	
2-Methylnaphthalene	1	0		6.53	52.65	50			0.667	0.702	5.30	
Methylnaphthalenes	1	0		6.53	52.65							
Acenaphthene-d10	1	0	I	7.33	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.66	51.71	50			0.471	0.487	3.42	
Hexachlorocyclopentadiene	1	0	CP	6.66	55.17	50	0.05		0.220	0.243	10.34	
2,4,6-Trichlorophenol	1	0	CC	6.75	49.93	50	20		0.339	0.338	0.14	
2,4,5-Trichlorophenol	1	0		6.77	51.73	50			0.363	0.376	3.46	
2-Fluorobiphenyl	1	0	S	6.81	25.63	25			1.242	1.274	2.52	
2-Chloronaphthalene	1	0		6.90	51.44	50			1.113	1.145	2.88	
1,4-Dimethylnaphthalene	1	0		7.15	49.93	50			0.834	0.833	0.14	
Dimethylnaphthalenes	1	0		7.15	49.93							
Diphenyl Ether	1	0		6.97	50.95	50			0.730	0.744	1.90	
2-Nitroaniline	1	0		6.98	51.86	50			0.502	0.520	3.72	
Acenaphthylene	1	0		7.21	51.78	50			2.293	2.375	3.56	
Dimethylphthalate	1	0		7.13	51.12	50			1.252	1.280	2.24	
2,6-Dinitrotoluene	1	0		7.17	47.09	50			0.256	0.265	5.82	
Acenaphthene	1	0	CC	7.35	51.61	50	20		1.377	1.421	3.22	
3-Nitroaniline	1	0		7.30	51.65	50			0.309	0.319	3.30	
2,4-Dinitrophenol	1	0	CP	7.39	41.50	50	0.05		0.109	0.091	17.00	
Dibenzofuran	1	0		7.50	51.59	50			1.566	1.616	3.18	
2,4-Dinitrotoluene	1	0		7.50	50.82	50			0.349	0.384	1.64	
4-Nitrophenol	1	0	CP	7.44	52.46	50	0.05		0.273	0.286	4.92	
2,3,4,6-Tetrachlorophenol	1	0		7.60	49.65	50			0.251	0.249	0.70	
Fluorene	1	0		7.79	51.60	50			1.645	1.698	3.20	
4-Chlorophenyl-phenylether	1	0		7.80	50.22	50			0.565	0.568	0.44	
Diethylphthalate	1	0		7.71	51.54	50			1.202	1.239	3.08	
4-Nitroaniline	1	0		7.81	51.11	50			0.344	0.351	2.22	
Phenanthrene-d10	1	0	I	8.66	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.84	50.19	50			0.122	0.122	0.38	
n-Nitrosodiphenylamine	1	0	CC	7.90	50.29	50	20		0.640	0.643	0.58	
2,4,6-Tribromophenol	1	0	S	8.00	48.67	50			0.091	0.088	2.66	
1,2-Diphenylhydrazine	1	0		7.94	52.97	50			1.020	1.081	5.94	
4-Bromophenyl-phenylether	1	0		8.24	49.35	50			0.216	0.213	1.30	
Hexachlorobenzene	1	0		8.28	49.13	50			0.223	0.219	1.74	
gamma-BHC	1	0		8.54	9.86	10			0.132	0.130	1.40	
Pentachlorophenol	1	0	CC	8.48	46.60	50	20		0.112	0.105	6.80	
Phenanthrene	1	0		8.68	51.35	50			1.633	1.677	2.70	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18461.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/6/2006 10:42:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.74	51.47	50			1.588	1.635	2.94	
Carbazole	1	0		8.91	51.48	50			1.192	1.227	2.96	
Heptachlor	1	0		9.18	9.85	10			0.156	0.154	1.50	
Di-n-butylphthalate	1	0		9.32	53.30	50			1.325	1.412	6.60	
Heptachlor epoxide	1	0		9.85	11.66	10			0.122	0.142	16.60	
Fluoranthene	1	0	CC	9.95	52.28	50	20		1.625	1.699	4.56	
Chrysene-d12	1	0	I	11.61	40.00	40				0.000	0.00	
Pyrene	1	0		10.20	49.46	50			1.920	1.899	1.08	
Benzidine	1	0		10.13	44.23	50			0.154	0.136	11.54	
Terphenyl-d14	1	0	S	10.42	25.02	25			0.867	0.867	0.08	
Endrin	1	0		0.00	0.00	10			0.069	0.075	100.00	
Butylbenzylphthalate	1	0		11.03	47.16	50			0.588	0.619	5.68	
Methoxychlor	1	0		11.64	9.36	10			1.008	0.943	6.40	
3,3'-Dichlorobenzidine	1	0		11.60	55.56	50			0.396	0.440	11.12	
Benzo[a]anthracene	1	0		11.60	50.31	50			1.563	1.572	0.62	
Chrysene	1	0		11.64	49.90	50			1.644	1.641	0.20	
bis(2-Ethylhexyl)phthalate	1	0		11.75	58.17	50			0.800	0.930	16.34	
Perylene-d12	1	0	I	13.19	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.50	53.40	50	20		1.623	1.733	6.80	
Benzo[b]fluoranthene	1	0		12.80	50.83	50			2.157	2.193	1.66	
Benzo[k]fluoranthene	1	0		12.82	47.22	50			2.296	2.168	5.56	
Benzo[a]pyrene	1	0	CC	13.13	48.14	50	20		2.072	1.995	3.72	
Indeno[1,2,3-cd]pyrene	1	0		14.21	52.93	50			2.046	2.166	5.86	
Dibenzo[a,h]anthracene	1	0		14.24	51.84	50			1.726	1.790	3.68	
Benzo[g,h,i]perylene	1	0		14.46	51.18	50			1.864	1.908	2.36	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19377.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/6/2006 10:50:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.68	40.00	40				0.000	0.00	
Pyridine	1	0		1.47	50.94	50			1.604	1.635	1.88	
N-Nitrosodimethylamine	1	0		1.43	49.91	50			0.967	0.966	0.18	
2-Fluorophenol	1	0	S	3.18	46.73	50			1.261	1.178	6.54	
Aniline	1	0		4.37	42.78	50			2.035	1.741	14.44	
Pentachloroethane	1	0		4.40	44.29	50			0.552	0.489	11.42	
bis(2-Chloroethyl)ether	1	0		4.47	46.97	50			1.390	1.306	6.06	
Phenol-d5	1	0	S	4.42	44.96	50			1.918	1.724	10.08	
Phenol	1	0	CC	4.43	47.02	50	20		1.958	1.842	5.96	
2-Chlorophenol	1	0		4.49	47.95	50			1.475	1.414	4.10	
1,3-Dichlorobenzene	1	0		4.62	49.90	50			1.512	1.509	0.20	
1,4-Dichlorobenzene	1	0	CC	4.69	47.83	50	20		1.539	1.472	4.34	
1,2-Dichlorobenzene	1	0		4.83	48.36	50			1.508	1.459	3.28	
Benzyl alcohol	1	0		4.85	45.74	50			0.966	0.884	8.52	
bis(2-chloroisopropyl)ether	1	0		4.96	46.85	50			1.831	1.716	6.30	
2-Methylphenol	1	0		4.97	43.76	50			1.395	1.221	12.48	
Hexachloroethane	1	0		5.12	48.85	50			0.726	0.710	2.30	
N-Nitroso-di-n-propylamine	1	0	CP	5.08	48.23	50	0.05		1.278	1.233	3.54	
3&4-Methylphenol	1	0		5.12	47.37	50			1.455	1.379	5.26	
Naphthalene-d8	1	0	I	5.75	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.18	24.73	25			0.160	0.158	1.08	
Nitrobenzene	1	0		5.20	48.80	50			0.481	0.470	2.40	
Isophorone	1	0		5.40	49.50	50			0.802	0.794	1.00	
2-Nitrophenol	1	0	CC	5.46	46.80	50	20		0.199	0.186	6.40	
2,4-Dimethylphenol	1	0		5.53	48.07	50			0.422	0.406	3.86	
Benzoic Acid	1	0		5.68	74.84	50			0.099	0.147	49.68	
bis(2-Chloroethoxy)methane	1	0		5.60	49.17	50			0.416	0.409	1.66	
2,4-Dichlorophenol	1	0	CC	5.67	49.06	50	20		0.300	0.294	1.88	
1,2,4-Trichlorobenzene	1	0		5.71	48.14	50			0.326	0.314	3.72	
Naphthalene	1	0		5.76	49.30	50			1.456	1.435	1.40	
4-Chloroaniline	1	0		5.83	50.78	50			0.398	0.404	1.56	
Hexachlorobutadiene	1	0	CC	5.86	49.13	50	20		0.197	0.193	1.74	
4-Chloro-3-methylphenol	1	0	CC	6.22	48.54	50	20		0.387	0.375	2.92	
2-Methylnaphthalene	1	0		6.29	47.26	50			0.756	0.714	5.48	
Methylnaphthalenes	1	0		6.29	47.26							
Acenaphthene-d10	1	0	I	7.04	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.41	49.25	50			0.556	0.548	1.50	
Hexachlorocyclopentadiene	1	0	CP	6.40	37.82	50	0.05		0.226	0.171	24.36	
2,4,6-Trichlorophenol	1	0	CC	6.51	50.52	50	20		0.373	0.376	1.04	
2,4,5-Trichlorophenol	1	0		6.54	47.95	50			0.397	0.381	4.10	
2-Fluorobiphenyl	1	0	S	6.56	26.09	25			1.244	1.298	4.36	
2-Chloronaphthalene	1	0		6.64	49.54	50			1.146	1.136	0.92	
1,4-Dimethylnaphthalene	1	0		6.88	48.31	50			0.945	0.913	3.38	
Dimethylnaphthalenes	1	0		6.88	48.31							
Diphenyl Ether	1	0		6.71	50.42	50			0.766	0.773	0.84	
2-Nitroaniline	1	0		6.73	47.78	50			0.557	0.532	4.44	
Acenaphthylene	1	0		6.94	48.28	50			2.646	2.555	3.44	
Dimethylphthalate	1	0		6.87	49.03	50			1.402	1.374	1.94	
2,6-Dinitrotoluene	1	0		6.92	48.42	50			0.298	0.289	3.16	
Acenaphthene	1	0	CC	7.07	47.51	50	20		1.610	1.530	4.98	
3-Nitroaniline	1	0		7.04	54.08	50			0.318	0.344	8.16	
2,4-Dinitrophenol	1	0	CP	7.13	40.91	50	0.05		0.155	0.127	18.18	
Dibenzofuran	1	0		7.21	49.33	50			1.674	1.651	1.34	
2,4-Dinitrotoluene	1	0		7.23	47.71	50			0.428	0.408	4.58	
4-Nitrophenol	1	0	CP	7.21	51.12	50	0.05		0.363	0.371	2.24	
2,3,4,6-Tetrachlorophenol	1	0		7.32	52.23	50			0.268	0.280	4.46	
Fluorene	1	0		7.49	46.33	50			1.962	1.818	7.34	
4-Chlorophenyl-phenylether	1	0		7.50	47.14	50			0.684	0.645	5.72	
Diethylphthalate	1	0		7.42	47.98	50			1.585	1.521	4.04	
4-Nitroaniline	1	0		7.53	51.32	50			0.342	0.352	2.64	
Phenanthrene-d10	1	0	I	8.33	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.56	47.92	50			0.142	0.136	4.16	
n-Nitrosodiphenylamine	1	0	CC	7.60	48.57	50	20		0.567	0.551	2.86	
2,4,6-Tribromophenol	1	0	S	7.70	52.17	50			0.066	0.069	4.34	
1,2-Diphenylhydrazine	1	0		7.63	50.58	50			1.007	1.019	1.16	
4-Bromophenyl-phenylether	1	0		7.92	49.31	50			0.203	0.201	1.38	
Hexachlorobenzene	1	0		7.96	51.59	50			0.185	0.191	3.18	
gamma-BHC	1	0		8.21	10.56	10			0.165	0.175	5.60	
Pentachlorophenol	1	0	CC	8.17	59.31	50	20		0.082	0.097	18.62	
Phenanthrene	1	0		8.35	48.50	50			1.648	1.599	3.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19377.D **Instrument:** GCMS_5

Cont Calibration Date/Time *6/6/2006 10:50:00 A* ***Method:*** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.41	48.59	50			1.636	1.589	2.82	
Carbazole	1	0		8.58	47.02	50			1.108	1.042	5.96	
Heptachlor	1	0		8.83	9.80	10			0.163	0.160	2.00	
Di-n-butylphthalate	1	0		8.99	48.74	50			1.563	1.524	2.52	
Heptachlor epoxide	1	0		9.49	10.79	10			0.156	0.168	7.90	
Fluoranthene	1	0	CC	9.59	48.09	50	20		1.821	1.752	3.82	
Chrysene-d12	1	0	I	11.24	40.00	40				0.000	0.00	
Pyrene	1	0		9.84	50.48	50			1.782	1.799	0.96	
Benzidine	1	0		9.78	26.89	50			0.341	0.184	46.22	
Terphenyl-d14	1	0	S	10.06	25.21	25			0.832	0.839	0.84	
Endrin	1	0		10.27	10.15	10			0.098	0.099	1.50	
Butylbenzylphthalate	1	0		10.67	50.00	50			0.702	0.702	0.00	
Methoxychlor	1	0		11.23	9.74	10			1.681	1.637	2.60	
3,3'-Dichlorobenzidine	1	0		11.24	55.35	50			0.433	0.480	10.70	
Benzo[a]anthracene	1	0		11.23	48.88	50			1.791	1.751	2.24	
Chrysene	1	0		11.28	49.08	50			1.587	1.558	1.84	
bis(2-Ethylhexyl)phthalate	1	0		11.39	49.41	50			0.973	0.962	1.18	
Perylene-d12	1	0	I	12.81	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.13	48.41	50	20		2.506	2.427	3.18	
Benzo[b]fluoranthene	1	0		12.43	47.05	50			2.340	2.202	5.90	
Benzo[k]fluoranthene	1	0		12.46	53.34	50			2.180	2.326	6.68	
Benzo[a]pyrene	1	0	CC	12.75	48.71	50	20		2.147	2.092	2.58	
Indeno[1,2,3-cd]pyrene	1	0		13.81	50.01	50			2.198	2.198	0.02	
Dibenzo[a,h]anthracene	1	0		13.83	49.13	50			1.846	1.814	1.74	
Benzo[g,h,i]perylene	1	0		14.04	49.90	50			1.847	1.843	0.20	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound *CP - System Performance Check Compound* *I - Internal Standard*

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

0114

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19419.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/7/2006 1:00:00 PM **Method:** 8270

0115

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.67	40.00	40				0.000	0.00	
Pyridine	1	0		1.46	51.94	50			1.593	1.655	3.88	
N-Nitrosodimethylamine	1	0		1.43	52.13	50			0.931	0.970	4.26	
2-Fluorophenol	1	0	S	3.17	50.10	50			1.237	1.240	0.20	
Aniline	1	0		4.37	44.74	50			1.932	1.729	10.52	
Pentachloroethane	1	0		4.39	48.67	50			0.536	0.522	2.66	
bis(2-Chloroethyl)ether	1	0		4.46	50.29	50			1.367	1.375	0.58	
Phenol-d5	1	0	S	4.40	50.32	50			1.837	1.849	0.64	
Phenol	1	0	CC	4.42	53.51	50	20		1.823	1.951	7.02	
2-Chlorophenol	1	0		4.48	48.79	50			1.522	1.485	2.42	
1,3-Dichlorobenzene	1	0		4.61	51.04	50			1.528	1.559	2.08	
1,4-Dichlorobenzene	1	0	CC	4.69	50.37	50	20		1.567	1.578	0.74	
1,2-Dichlorobenzene	1	0		4.82	49.03	50			1.496	1.467	1.94	
Benzyl alcohol	1	0		4.84	50.65	50			0.966	0.978	1.30	
bis(2-chloroisopropyl)ether	1	0		4.96	49.98	50			1.836	1.835	0.04	
2-Methylphenol	1	0		4.97	47.73	50			1.391	1.328	4.54	
Hexachloroethane	1	0		5.11	51.81	50			0.748	0.775	3.62	
N-Nitroso-di-n-propylamine	1	0	CP	5.07	49.99	50	0.05		1.310	1.310	0.02	
3&4-Methylphenol	1	0		5.10	47.51	50			1.506	1.431	4.98	
Naphthalene-d8	1	0	I	5.74	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.18	25.38	25			0.160	0.162	1.52	
Nitrobenzene	1	0		5.19	50.27	50			0.488	0.491	0.54	
Isophorone	1	0		5.40	49.88	50			0.810	0.808	0.24	
2-Nitrophenol	1	0	CC	5.46	50.69	50	20		0.201	0.204	1.38	
2,4-Dimethylphenol	1	0		5.53	51.02	50			0.423	0.431	2.04	
Benzoic Acid	1	0		5.67	64.75	50			0.134	0.174	29.50	
bis(2-Chloroethoxy)methane	1	0		5.59	48.44	50			0.422	0.409	3.12	
2,4-Dichlorophenol	1	0	CC	5.66	49.99	50	20		0.303	0.303	0.02	
1,2,4-Trichlorobenzene	1	0		5.70	48.99	50			0.329	0.323	2.02	
Naphthalene	1	0		5.76	46.98	50			1.489	1.399	6.04	
4-Chloroaniline	1	0		5.82	48.95	50			0.410	0.402	2.10	
Hexachlorobutadiene	1	0	CC	5.86	47.88	50	20		0.198	0.189	4.24	
4-Chloro-3-methylphenol	1	0	CC	6.21	49.01	50	20		0.396	0.388	1.98	
2-Methylnaphthalene	1	0		6.28	47.36	50			0.774	0.734	5.28	
Methylnaphthalenes	1	0		6.28	47.36							
Acenaphthene-d10	1	0	I	7.04	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.40	50.18	50			0.552	0.554	0.36	
Hexachlorocyclopentadiene	1	0	CP	6.40	50.50	50	0.05		0.178	0.180	1.00	
2,4,6-Trichlorophenol	1	0	CC	6.50	51.60	50	20		0.371	0.383	3.20	
2,4,5-Trichlorophenol	1	0		6.54	49.27	50			0.403	0.397	1.46	
2-Fluorobiphenyl	1	0	S	6.56	26.32	25			1.223	1.288	5.28	
2-Chloronaphthalene	1	0		6.63	47.97	50			1.151	1.105	4.06	
1,4-Dimethylnaphthalene	1	0		6.87	48.12	50			0.952	0.916	3.76	
Dimethylnaphthalenes	1	0		6.87	48.12							
Diphenyl Ether	1	0		6.70	49.71	50			0.769	0.765	0.58	
2-Nitroaniline	1	0		6.72	52.07	50			0.513	0.534	4.14	
Acenaphthylene	1	0		6.93	49.85	50			2.581	2.573	0.30	
Dimethylphthalate	1	0		6.86	49.67	50			1.412	1.403	0.66	
2,6-Dinitrotoluene	1	0		6.91	51.37	50			0.292	0.300	2.74	
Acenaphthene	1	0	CC	7.07	49.11	50	20		1.589	1.561	1.78	
3-Nitroaniline	1	0		7.03	50.51	50			0.332	0.335	1.02	
2,4-Dinitrophenol	1	0	CP	7.13	46.00	50	0.05		0.160	0.147	8.00	
Dibenzofuran	1	0		7.20	48.91	50			1.688	1.652	2.18	
2,4-Dinitrotoluene	1	0		7.22	52.43	50			0.409	0.429	4.86	
4-Nitrophenol	1	0	CP	7.20	46.78	50	0.05		0.405	0.379	6.44	
2,3,4,6-Tetrachlorophenol	1	0		7.32	50.32	50			0.296	0.298	0.64	
Fluorene	1	0		7.48	47.53	50			1.935	1.840	4.94	
4-Chlorophenyl-phenylether	1	0		7.49	49.73	50			0.678	0.675	0.54	
Diethylphthalate	1	0		7.41	50.65	50			1.542	1.562	1.30	
4-Nitroaniline	1	0		7.52	51.47	50			0.335	0.345	2.94	
Phenanthrene-d10	1	0	I	8.33	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.56	48.38	50			0.147	0.143	3.24	
n-Nitrosodiphenylamine	1	0	CC	7.59	48.98	50	20		0.582	0.570	2.04	
2,4,6-Tribromophenol	1	0	S	7.69	48.32	50			0.072	0.070	3.36	
1,2-Diphenylhydrazine	1	0		7.63	49.63	50			1.062	1.054	0.74	
4-Bromophenyl-phenylether	1	0		7.91	49.54	50			0.211	0.209	0.92	
Hexachlorobenzene	1	0		7.96	49.40	50			0.198	0.195	1.20	
gamma-BHC	1	0		8.20	11.55	10			0.162	0.187	15.50	
Pentachlorophenol	1	0	CC	8.17	46.12	50	20		0.115	0.106	7.76	
Phenanthrene	1	0		8.35	48.38	50			1.673	1.619	3.24	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19419.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/7/2006 1:00:00 PM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.40	48.91	50			1.678	1.642	2.18	
Carbazole	1	0		8.58	49.14	50			1.125	1.106	1.72	
Heptachlor	1	0		8.82	10.18	10			0.170	0.173	1.80	
Di-n-butylphthalate	1	0		8.98	48.78	50			1.597	1.558	2.44	
Heptachlor epoxide	1	0		9.49	10.50	10			0.163	0.171	5.00	
Fluoranthene	1	0	CC	9.59	48.34	50	20		1.840	1.779	3.32	
Chrysene-d12	1	0	I	11.24	40.00	40				0.000	0.00	
Pyrene	1	0		9.83	49.08	50			1.813	1.779	1.84	
Benzidine	1	0		9.78	41.52	50			0.200	0.166	16.96	
Terphenyl-d14	1	0	S	10.06	26.38	25			0.808	0.853	5.52	
Endrin	1	0		10.25	13.95	10			0.094	0.130	39.50	
Butylbenzylphthalate	1	0		10.67	50.12	50			0.707	0.709	0.24	
Methoxychlor	1	0		11.23	10.14	10			1.691	1.715	1.40	
3,3'-Dichlorobenzidine	1	0		11.24	59.66	50			0.445	0.531	19.32	
Benzo[a]anthracene	1	0		11.23	50.97	50			1.765	1.799	1.94	
Chrysene	1	0		11.27	51.02	50			1.558	1.590	2.04	
bis(2-Ethylhexyl)phthalate	1	0		11.39	50.98	50			0.959	0.977	1.96	
Perylene-d12	1	0	I	12.81	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.13	47.35	50	20		2.533	2.399	5.30	
Benzo[b]fluoranthene	1	0		12.42	48.52	50			2.328	2.259	2.96	
Benzo[k]fluoranthene	1	0		12.46	48.17	50			2.287	2.204	3.66	
Benzo[a]pyrene	1	0	CC	12.75	48.85	50	20		2.168	2.118	2.30	
Indeno[1,2,3-cd]pyrene	1	0		13.81	49.29	50			2.224	2.193	1.42	
Dibenzo[a,h]anthracene	1	0		13.83	50.01	50			1.843	1.843	0.02	
Benzo[g,h,i]perylene	1	0		14.03	50.90	50			1.854	1.888	1.80	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19121.D

Analysis Date/Time: 05/26/06 12:01

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	14049	4.77	54673	5.82	31335	7.13	56203	8.44	63429	11.37	48494	12.94
Eval File Area Limit:	7024-28098		27336-109346		15668-62670		28102-112406		31714-126858		24247-96988	
Eval File Rt Limit:	4.27-5.27		5.32-6.32		6.63-7.63		7.94-8.94		10.87-11.87		12.44-13.44	

Data File	Sample#											
5M19121	CAL BNA@50	14049	4.77	54673	5.82	31335	7.13	56203	8.44	63429	11.37	48494	12.94
5M19122	CAL BNA@10	9463	4.77	39775	5.82	24553	7.13	43894	8.43	45650	11.36	38715	12.93
5M19123	CAL BNA@25	22040	4.77	91119	5.82	54218	7.13	95985	8.43	95872	11.36	71432	12.94
5M19124	CAL BNA@80	16085	4.77	63752	5.82	37451	7.13	68904	8.44	72021	11.36	52239	12.94
5M19125	CAL BNA@12	11714	4.77	49621	5.82	29563	7.13	54989	8.44	60731	11.37	43292	12.94
5M19126	CAL BNA@16	18703	4.77	72421	5.83	42168	7.13	74597	8.44	76321	11.37	48856	12.95
5M19127	CAL BNA@20	15084	4.77	60508	5.83	37171	7.13	68900	8.44	83183	11.37	53344	12.95
5M19128	WMB2906	13503	4.75	55028	5.81	33482	7.12	59778	8.42	60315	11.34	50147	12.92
5M19129	WMB2906(MS	19714	4.75	74819	5.81	43087	7.12	79316	8.42	85299	11.35	60883	12.92
5M19130	AC23561-006(	17424	4.75	71531	5.81	43587	7.12	76264	8.42	75152	11.34	59331	12.92
5M19131	AC23561-006(	13951	4.75	52059	5.81	30974	7.12	57471	8.42	63162	11.35	46654	12.92
5M19132	AC23561-006(	17792	4.75	69911	5.81	41699	7.12	78430	8.42	82901	11.35	58301	12.92
5M19133	WMB2907	15761	4.75	67143	5.81	40945	7.12	74880	8.42	73395	11.34	58136	12.92
5M19134	WMB2907(MS	13718	4.75	52565	5.81	31836	7.12	57268	8.42	65414	11.35	50295	12.92
5M19135	AC23676-007	8578	4.75	35662	5.81	21055	7.12	38375	8.42	38882	11.34	31431	12.92
5M19136	AC23618-002	16296	4.75	63778	5.81	37940	7.12	69358	8.42	70852	11.34	57204	12.92
5M19137	AC23618-003	19207	4.75	78285	5.81	46633	7.12	81959	8.42	74615	11.35	51015	12.93
5M19138	AC23618-004	6417	4.75	29042	5.81	20426	7.12	43232	8.42	48630	11.34	40056	12.92
5M19139	AC23618-005	9791	4.75	44817	5.81	30902	7.12	62688	8.42	67528	11.34	54214	12.92
5M19140	AC23618-006	8111	4.76	35340	5.81	24185	7.12	47476	8.42	58747	11.35	52150	12.93
5M19141	AC23618-001	2688	4.75	13984	5.81	13382	7.12	36074	8.42	53129	11.35	53384	12.93
5M19142	AC23637-001	11801	4.77	13628	6.01	67847	7.15	69090	8.43	77636	11.35	56377	12.92
5M19143	AC23637-003	9085	4.76	7711	6.07	6195	7.44	86770	8.44	7200	11.98 R	58054	12.92
5M19144	AC23637-004	5733	4.75	29218	5.81	21766	7.12	48936	8.42	62003	11.34	55131	12.92
5M19145	AC23637-005	8505	4.75	37512	5.81	25413	7.12	53617	8.42	65610	11.34	53199	12.92
5M19146	AC23637-006	5722	4.75	27428	5.81	18693	7.12	40891	8.42	53102	11.34	46973	12.92
5M19147	AC23637-007	7220	4.76	35375	5.81	27749	7.13	46656	8.42	57922	11.34	51210	12.92
5M19148	AC23637-008	4479	4.75	22267	5.81	15969	7.12	36618	8.42	52593	11.34	48868	12.92
5M19149	AC23638-001	7786	4.75	35153	5.81	24113	7.12	51978	8.42	60741	11.34	50716	12.92
5M19150	AC23638-003	7094	4.75	33240	5.81	24050	7.12	51857	8.42	62278	11.34	51138	12.92
5M19151	AC23638-005	603	4.76	3297	5.81	2628	7.12	12556	8.42	51244	11.34	60581	12.92
5M19152	AC23630-014	5564	4.75	27002	5.81	19947	7.12	44470	8.42	57785	11.34	49268	12.92

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18312.D

Analysis Date/Time: 05/30/06 13:00

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23558	4.99	93339	6.02	50968	7.35	70685	8.70	65801	11.65	47343	13.24
Eval File Area Limit:	11779-47116		46670-186678		25484-101936		35342-141370		32900-131602		23672-94686	
Eval File Rt Limit:	4.49-5.49		5.52-6.52		6.85-7.85		8.2-9.2		11.15-12.15		12.74-13.74	

Data File	Sample#											
7M18307	CAL BNA@10	29834	4.99	122704	6.02	68772	7.36	99133	8.70	89078	11.65	64694	13.24
7M18308	CAL BNA@25	27291	4.99	111922	6.02	63007	7.37	90081	8.71	84022	11.66	61762	13.24
7M18309	CAL BNA@80	22930	4.99	92163	6.02	53550	7.35	76338	8.69	69637	11.65	49893	13.23
7M18310	CAL BNA@16	20651	4.99	84228	6.02	47962	7.35	68575	8.69	63374	11.66	47222	13.24
7M18311	CAL BNA@20	28535	4.99	118630	6.03	66675	7.36	97179	8.70	90082	11.66	66173	13.24
7M18312	CAL BNA@50	23558	4.99	93339	6.02	50968	7.35	70685	8.70	65801	11.65	47343	13.24
7M18313	CAL BNA@12	19285	4.99	74666	6.02	42467	7.36	61209	8.70	57564	11.66	41643	13.25
7M18314	WMB2908	20251	4.99	78414	6.03	41293	7.38	59456	8.71	49806	11.66	32825	13.25
7M18315	AC23138-002	19825	4.99	78185	6.02	43902	7.37	62021	8.71	56720	11.66	43945	13.24
7M18316	AC23138-002(	19250	4.99	79120	6.02	41857	7.36	60496	8.70	53821	11.65	40920	13.24
7M18317	SMB2898	17836	4.99	70455	6.02	37586	7.35	53404	8.69	45511	11.65	29594	13.24
7M18318	SMB2899	19361	4.99	74074	6.02	40804	7.35	58582	8.69	46738	11.65	31688	13.23
7M18319	SMB2900	21142	4.99	82009	6.02	43772	7.35	64943	8.69	53909	11.65	33275	13.23
7M18320	SMB2901	19880	4.99	80286	6.02	43296	7.35	64612	8.69	50716	11.65	34720	13.23
7M18321	WMB2906	19737	4.99	80798	6.02	43558	7.34	63176	8.69	51224	11.65	35302	13.23
7M18322	WMB2907	20810	4.99	86395	6.02	47199	7.34	68460	8.69	55193	11.65	36315	13.23
7M18323	AC23638-009	21732	4.99	87026	6.02	49168	7.34	71171	8.69	60623	11.65	40743	13.23
7M18324	AC23638-012	20728	4.99	85117	6.02	45283	7.34	65681	8.69	57730	11.65	39263	13.23
7M18325	AC23638-013	20581	4.99	78389	6.02	44159	7.34	63966	8.69	54530	11.65	36698	13.23
7M18326	AC23639-015	18699	4.99	75623	6.02	40809	7.34	59116	8.69	49578	11.65	33452	13.23
7M18327	AC23653-008	21947	4.99	88698	6.02	48525	7.34	70023	8.69	55711	11.65	38147	13.23
7M18328	AC23668-002	22511	4.99	89267	6.02	48530	7.34	72003	8.69	58953	11.65	36845	13.23
7M18329	AC23637-009	18999	4.99	75754	6.02	42654	7.34	60066	8.69	51760	11.65	33751	13.23
7M18330	AC23637-011	18486	4.99	76804	6.02	41209	7.34	60088	8.69	53147	11.65	35647	13.23
7M18331	AC23637-012	22191	4.99	88928	6.02	49350	7.34	70713	8.69	58548	11.65	40840	13.23
7M18332	AC23637-010(	19827	4.99	80124	6.02	44212	7.34	64638	8.69	60295	11.65	45693	13.23

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19377.D

Analysis Date/Time: 06/06/06 10:50

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	17378	4.68	67235	5.75	38657	7.04	68536	8.33	69962	11.24	49318	12.81
Eval File Area Limit:	8689-34756		33618-134470		19328-77314		34268-137072		34981-139924		24659-98636	
Eval File Rt Limit:	4.18-5.18		5.25-6.25		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19378	WMB2917	14547	4.68	58970	5.75	34232	7.04	59251	8.33	56033	11.24	44713	12.81
5M19379	WMB2917(MS	13856	4.68	52953	5.75	31225	7.04	55708	8.33	56631	11.24	40071	12.81
5M19380	WMB2916(MS	16368	4.68	63627	5.75	36654	7.04	65113	8.33	68847	11.24	47940	12.81
5M19381	SMB2908	14779	4.68	60116	5.75	35700	7.04	60455	8.33	57253	11.24	44479	12.81
5M19382	AC23842-002(	17801	4.68	69012	5.75	40125	7.04	70876	8.33	62478	11.24	43881	12.81
5M19383	SMB2909	12739	4.68	51657	5.75	30220	7.04	53134	8.33	46702	11.24	34690	12.81
5M19384	SMB2909(MS	16275	4.68	61741	5.75	35878	7.04	61082	8.33	51496	11.24	37742	12.81
5M19385	AC23842-002	14570	4.68	59851	5.75	35027	7.04	58402	8.33	45695	11.24	32944	12.81
5M19386	AC23793-006(	17004	4.68	66299	5.75	39563	7.04	68569	8.33	68860	11.24	40578	12.81
5M19387	AC23793-006(	11909	4.68	46660	5.75	28985	7.04	50880	8.33	55039	11.24	37968	12.81
5M19388	AC23793-006	17448	4.68	66531	5.75	38612	7.04	63556	8.33	56829	11.24	40207	12.81
5M19389	AC23695-013	14542	4.68	60859	5.75	35452	7.04	61957	8.33	52612	11.24	35942	12.81
5M19390	AC23791-017	14761	4.68	60039	5.75	34775	7.04	60644	8.33	56535	11.24	38499	12.81
5M19392	AC23793-007	10694	4.68	47131	5.75	27861	7.04	48747	8.33	46759	11.24	33308	12.81
5M19393	AC23793-002	14123	4.68	55735	5.75	34416	7.04	59500	8.33	57807	11.24	39528	12.81
5M19394	AC23793-003	17510	4.68	70563	5.75	42134	7.04	73407	8.33	64437	11.24	42321	12.81
5M19395	AC23793-004	15111	4.68	63523	5.75	38398	7.04	68600	8.33	62932	11.24	42919	12.81
5M19396	AC23793-005	18109	4.68	72177	5.75	42368	7.04	75010	8.33	61968	11.24	41245	12.81
5M19397	AC23833-001	13397	4.68	52364	5.75	30801	7.04	54341	8.33	48591	11.24	33383	12.81
5M19398	AC23848-001	15010	4.68	61681	5.75	36033	7.04	63809	8.33	55498	11.24	37866	12.81
5M19399	AC23848-002	14608	4.68	57622	5.75	40259	7.04	57248	8.33	47287	11.24	32630	12.81
5M19400	AC23848-003	14484	4.68	59823	5.75	35619	7.04	64778	8.33	54877	11.24	35325	12.81
5M19401	AC23848-004	17253	4.68	69534	5.75	40239	7.04	69530	8.33	57903	11.24	40917	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18461.D

Analysis Date/Time: 06/06/06 10:42

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23356	4.95	92017	5.99	52227	7.33	75572	8.66	72135	11.61	55051	13.19
Eval File Area Limit:	11678-46712		46008-184034		26114-104454		37786-151144		36068-144270		27526-110102	
Eval File Rt Limit:	4.45-5.45		5.49-6.49		6.83-7.83		8.16-9.16		11.11-12.11		12.69-13.69	

Data File	Sample#											
7M18462	SMB2908	19053	4.95	79715	5.99	46452	7.32	68948	8.65	64507	11.60	47255	13.19
7M18463	SMB2908(MS	20948	4.95	85680	5.99	48465	7.32	72502	8.65	62658	11.60	44970	13.19
7M18464	AC23801-014(	21364	4.95	88302	5.99	52553	7.31	77184	8.65	69732	11.60	52916	13.18
7M18465	AC23801-004	22500	4.95	88915	5.99	48600	7.31	73359	8.65	65354	11.60	48486	13.18
7M18466	AC23801-005	22273	4.95	89009	5.99	51264	7.32	75675	8.65	70589	11.60	53108	13.18
7M18467	AC23801-006	22199	4.95	88425	5.99	50401	7.31	75561	8.65	69793	11.60	54824	13.18
7M18468	AC23801-007(	22548	4.95	93642	5.99	53156	7.31	80159	8.65	77472	11.60	59251	13.18
7M18469	AC23791-001(	21995	4.95	90109	5.99	51335	7.31	75120	8.65	70207	11.60	54689	13.18
7M18470	AC23791-001(	22001	4.95	91985	5.99	51141	7.31	77919	8.65	69801	11.60	53020	13.18
7M18471	AC23791-001	21989	4.95	85758	5.99	47986	7.32	70447	8.65	66837	11.60	51780	13.18
7M18472	WMB2917(MS	22288	4.95	88076	5.99	51247	7.33	74286	8.66	71669	11.60	52461	13.18
7M18473	WMB2917	20202	4.95	85361	5.99	47574	7.34	70738	8.67	62759	11.60	46708	13.18
7M18474	AC23664-004	23427	4.95	91238	5.99	50787	7.33	78101	8.65	72167	11.60	53759	13.18
7M18475	AC23695-016	22739	4.95	92388	5.99	54128	7.32	80281	8.65	78297	11.60	61652	13.18
7M18476	AC23695-017	23061	4.95	91022	5.99	52981	7.31	81095	8.65	71769	11.60	54253	13.18
7M18477	AC23767-001	27028	4.95	101652	5.99	61607	7.33	90211	8.66	86775	11.60	66066	13.18
7M18478	AC23833-001	21481	4.95	88098	5.99	48106	7.31	71526	8.65	66842	11.60	49184	13.19
7M18479	AC23787-002	24144	4.95	95327	5.99	54734	7.31	79019	8.65	72512	11.60	54418	13.18
7M18480	AC23791-006	22941	4.95	88796	5.99	49849	7.31	73481	8.65	68889	11.60	50408	13.18
7M18481	AC23664-001	24199	4.95	92725	5.99	52366	7.31	77825	8.65	72246	11.60	52708	13.18
7M18482	AC23791-002(	20845	4.95	80862	5.99	45834	7.31	70072	8.65	66588	11.60	54176	13.18
7M18483	AC23791-004(	22575	4.95	87317	5.99	51207	7.31	74448	8.65	68876	11.60	51657	13.18
7M18484	AC23791-005(	25485	4.95	105714	5.99	60833	7.31	92915	8.65	80756	11.60	62139	13.18
7M18485	AC23791-009(	25395	4.95	102674	5.99	59804	7.31	90848	8.65	79256	11.60	57766	13.18
7M18486	AC23791-007	20556	4.95	83474	5.99	46782	7.31	71582	8.65	65297	11.60	49325	13.18
7M18487	AC23791-003	25336	4.95	101236	5.99	58387	7.31	86580	8.65	75406	11.60	55332	13.18
7M18488	AC23791-008	22181	4.95	88956	5.99	50852	7.31	78072	8.65	70852	11.60	49718	13.18

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19410.D

Analysis Date/Time: 06/07/06 09:29

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
Eval File Area Limit:	8745-34980		34166-136666		20398-81590		35113-140452		37184-148736		27538-110154	
Eval File Rt Limit:	4.18-5.18		5.24-6.24		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19410	CAL BNA@50	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
5M19411	CAL BNA@10	28654	4.68	114779	5.74	67538	7.04	118957	8.33	116414	11.24	89556	12.81
5M19412	CAL BNA@25	17071	4.68	72243	5.74	42647	7.04	73319	8.33	73909	11.24	54822	12.81
5M19413	CAL BNA@80	13817	4.68	55442	5.74	33285	7.04	59823	8.33	66030	11.24	46876	12.81
5M19414	CAL BNA@12	14848	4.68	59991	5.74	36895	7.04	62803	8.33	68325	11.24	45301	12.81
5M19415	CAL BNA@16	15548	4.68	60854	5.75	36702	7.04	63560	8.33	71152	11.25	44592	12.81
5M19416	CAL BNA@20	18156	4.68	74558	5.75	50562	7.04	81313	8.33	94705	11.25	57314	12.82
5M19417	SMB2909(MS	5881	4.67	25875	5.74	16203	7.04	30129	8.33	28680	11.23	25157	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19419.D

Analysis Date/Time: 06/07/06 13:00

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	13506	4.67	55913	5.74	33191	7.04	59590	8.33	63430	11.24	47354	12.81
Eval File Area Limit:	6753-27012		27956-111826		16596-66382		29795-119180		31715-126860		23677-94708	
Eval File Rt Limit:	4.17-5.17		5.24-6.24		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19420	SMB2909(MS	8807	4.67	37002	5.74	23353	7.04	41067	8.33	40241	11.24	33628	12.81
5M19421	WMB2917	8928	4.67	36858	5.74	23572	7.04	41241	8.32	41418	11.23	34060	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_5	GCMS_7			
	Effective Date:>	4/2/2006	4/2/2006			
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,2,4-Trichlorobenzene		0.48112	0.66442			
1,2-Dichlorobenzene		0.57279	0.63692			
1,2-Diphenylhydrazine		0.13540	0.19907			
1,3-Dichlorobenzene		0.69872	0.68822			
1,4-Dichlorobenzene		0.75395	0.57474			
2,4-Dinitrotoluene		0.36300	0.31673			
2,6-Dinitrotoluene		0.33223	0.27819			
2-Chloronaphthalene		0.40753	0.43633			
2-Methylnaphthalene		3.48860	3.60898			
2-Nitroaniline		1.65875	1.64483			
3,3'-Dichlorobenzidine		0.80149	1.65369			
3-Nitroaniline		2.59053	2.56705			
4-Bromophenyl-phenylether		0.52577	0.38713			
4-Chloroaniline		3.02427	2.96543			
4-Chlorophenyl-phenylether		0.37938	0.36645			
4-Nitroaniline		1.55789	2.16583			
Acenaphthene		0.25458	0.18487			
Acenaphthylene		0.24445	0.28181			
Anthracene		0.18512	0.17099			
Benzidine		8.60950	5.85520			
Benzo[a]anthracene		0.22437	0.20983			
Benzo[a]pyrene		0.16153	0.42835			
Benzo[b]fluoranthene		0.21330	0.42442			
Benzo[g,h,i]perylene		0.28685	0.20704			
Benzo[k]fluoranthene		0.31492	0.25164			
Bis(2-Chloroethoxy)methane		0.18830	0.30123			
Bis(2-Chloroethyl)Ether		0.42979	0.29604			
Bis(2-Chloroisopropyl)ether		0.22670	0.25238			
Bis(2-Ethylhexyl)phthalate		0.37409	0.23233			
Butylbenzylphthalate		0.23168	0.16304			
Carbazole		0.16304	0.23308			
Chrysene		0.18768	0.33213			
Di-n-butylphthalate		0.32056	0.39991			
DI-n-octylphthalate		0.18990	0.13964			
Dibenzo[a,h]Anthracene		0.24805	0.35521			
Dibenzofuran		1.56826	2.44257			
Diethylphthalate		0.28485	0.30443			
Dimethylphthalate		0.17556	0.29048			
Fluoranthene		0.15490	0.25704			
Fluorene		0.14916	0.26743			
Hexachlorobenzene		0.27359	0.39069			
Hexachlorobutadiene		0.62499	0.89979			
Hexachlorocyclopentadiene		4.61625	5.20855			
Hexachloroethane		0.68089	0.85980			
Indeno[1,2,3-cd]pyrene		0.18027	0.24421			
Isophorone		0.14122	0.19695			
N-Nitroso-Di-N-Propylamine		0.25554	0.31790			
N-Nitrosodimethylamine		8.76284	8.48752			
N-Nitrosodiphenylamine		0.15460	0.41332			
Naphthalene		0.44300	0.34812			
Nitrobenzene		0.23616	0.39971			
Phenanthrene		0.22941	0.23368			
Pyrene		0.14695	0.26024			

Analysis Type: SOLIDS

Batch Number: SOLIDS-3921 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23848-001	NA	NA	20	87.5	NA	0.37	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23848-001	DUP		88		100	87.5	1	12.2	10.8			06/06/06	na
AC23848-001	Sample		87		100	87.179	1	12.7	11.2			06/06/06	na
AC23848-002	Sample		79		100	79.279	1	12.1	9.8			06/06/06	na
AC23848-003	Sample		83		100	82.906	1	12.7	10.7			06/06/06	na
AC23848-004	Sample		77		100	76.786	1	12.2	9.6			06/06/06	na
AC23847-001	Sample		97		100	97.414	1	12.6	12.3			06/06/06	na
AC23847-002	Sample		95		100	94.595	1	12.1	11.5			06/06/06	na
AC23847-003	Sample		92		100	92.437	1	12.9	12.0			06/06/06	na
AC23847-004	Sample		94		100	93.694	1	12.1	11.4			06/06/06	na
AC23809-001	Sample		88		100	88.288	1	12.1	10.8			06/06/06	na
AC23809-002	Sample		86		100	85.841	1	12.3	10.7			06/06/06	na
AC23809-007	Sample		84		100	84.348	1	12.5	10.7			06/06/06	na
AC23809-008	Sample		81		100	80.909	1	12.0	9.9			06/06/06	na
AC23809-010	Sample		82		100	81.818	1	12.0	10.0			06/06/06	na
AC23809-011	Sample		86		100	85.841	1	12.3	10.7			06/06/06	na
AC23809-013	Sample		73		100	72.65	1	12.7	9.5			06/06/06	na
AC23809-014	Sample		80		100	80	1	12.0	9.8			06/06/06	na
AC23809-015	Sample		90		100	90.09	1	12.1	11.0			06/06/06	na
AC23809-016	Sample		87		100	87.069	1	12.6	11.1			06/06/06	na
AC23809-018	Sample		78		100	78.378	1	12.1	9.7			06/06/06	na
AC23809-019	Sample		73		100	72.807	1	12.4	9.3			06/06/06	na

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

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Hampton-Clarke, Inc.
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175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

NELAP Accredited

Environ International Corp.

Format: NJDEP-R
Project: Promenade Edgewater

PO Number:

Samples submitted on: 6/6/2006

AC23854-001
AC23854-002
AC23854-003
AC23854-004

Date: 6/21/2006
HCI Project: 6060605

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director Or Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

Veritech Sample Key

21-Jun-06

Lab#	SampleID
AC23854-001	SS 14.5A 04000500
AC23854-002	SS 14.5A 13001400
AC23854-003	SS 14.5A 15001600
AC23854-004	SS 14.5A 17501800

V0003/**Division of Hampton-Clarke**

175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

CHAIN OF CUSTODY RECORD

Project#(Lab Use Only) 6060605

Page 1 of 1

Customer Information

1a) Customer: ENVIRON International Corporation
Address: 214 Carnegie Center
Princeton, NJ

1b) Email/Cell/Fax/Ph:

1c) Send Invoice To: Jose Sanchez
JSanchez@environcorp.com

1d) Send Report To: Jose Sanchez

Project Information

2a) Project: Promenade @ Edgewater

2b) Project Manager: Jose Sanchez

2c) Location (City/State): Princeton, NJ

2d) Quote#/PO# (If Applicable): 70N/A25 6/6/06 Rev

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENVIRON

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY

Batch# AC23854

Check if Contingent===>

<===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	Vo+10	BN+15 (BNA) Reduced Vol	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other	9) Methanol Bottle Numbers (If applicable) / Comments
-001	SS14.5A 0400 0500	S	6/6/06	934		X	X	X			X					1	
* -002	SS14.5A 1300 1400	S	6/6/06	1006		X	X	X			X					1	
-003	SS14.5A 1500 1600	S	6/6/06	1020		X	X	X			X					1	
-004	SS14.5A 1750 1800	S	6/6/06	1041		X	X	X			X					1	

10) Relinquished By:	Accepted By	Date	Time
		6/6/06	1244

Comments, Notes, Special Requirements, HAZARDS

* activated for Vo+10 and BNA-25 as per client 06.21.06 mg

Cooler Tmp: 3.4

11) Sampler: Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

Methanol Bottle Report

Lab#:	Bottle Number	Client Sample ID	Date Shipped	Empty Bottle Wght	Returned Bottle Wght	Wght Difference
AC23854-001	28820	SS 14.5A 04000500	06/06/06	32	38.23	6.23
AC23854-002	28816	SS 14.5A 13001400	06/06/06	32.01	38.07	6.06
AC23854-003	28812	SS 14.5A 15001600	06/06/06	32.31	37.35	5.04
AC23854-004	28803	SS 14.5A 17501800	06/06/06	31.94	39.26	7.32

CONDITION UPON RECEIPT

Batch Number AC23854 Entered By: frantz
Date Entered 6/6/2006 1:07:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container 3.4
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	NA	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC23854-001	06/07/06 09:53	NA	1	A	%SOLIDS
AC23854-001	06/07/06 10:46	PM	1	A	BNA
AC23854-001	06/07/06 17:37	R12	1	A	NONE
AC23854-001	06/06/06 09:35	WP	2	M	VOA
AC23854-001	06/06/06 10:19	R3	2	M	NONE
AC23854-002	06/07/06 09:53	NA	1	A	%SOLIDS
AC23854-002	06/07/06 10:46	PM	1	A	BNA
AC23854-002	06/07/06 17:37	R12	1	A	NONE
AC23854-002	06/06/06 09:35	WP	2	M	VOA
AC23854-002	06/06/06 09:58	R3	2	M	NONE
AC23854-002	06/07/06 09:35	WP	2	M	VOA
AC23854-002	06/07/06 10:03	R3	2	M	NONE
AC23854-003	06/07/06 09:53	NA	1	A	%SOLIDS
AC23854-003	06/07/06 10:46	PM	1	A	BNA
AC23854-003	06/07/06 17:37	R12	1	A	NONE
AC23854-003	06/06/06 09:35	WP	2	M	VOA
AC23854-003	06/06/06 10:19	R3	2	M	NONE
AC23854-004	06/06/06 09:35	WP	1	M	VOA
AC23854-004	06/06/06 10:19	R3	1	M	NONE
AC23854-004	06/07/06 09:53	NA	2	A	%SOLIDS
AC23854-004	06/07/06 10:46	PM	2	A	BNA
AC23854-004	06/07/06 17:37	R12	2	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

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Lab Number	Sample Description
AC23854-001	SS 14.5A 04000500

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/7/2006	na	SM 2540G

Lab Number	Sample Description
AC23854-002	SS 14.5A 13001400

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/7/2006	na	SM 2540G

Semivolatile Organics + 25 (8270)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,2,4-Trichlorobenzene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
1,2-Dichlorobenzene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
1,2-Diphenylhydrazine	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
1,3-Dichlorobenzene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
1,4-Dichlorobenzene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,4,5-Trichlorophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,4,6-Trichlorophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,4-Dichlorophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,4-Dimethylphenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,4-Dinitrophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,4-Dinitrotoluene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2,6-Dinitrotoluene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2-Chloronaphthalene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2-Chlorophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2-Methylnaphthalene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2-Methylphenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2-Nitroaniline	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
2-Nitrophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
3&4-Methylphenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
3,3'-Dichlorobenzidine	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
3-Nitroaniline	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4,6-Dinitro-2-methylphenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4-Bromophenyl-phenylether	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4-Chloro-3-methylphenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4-Chloroaniline	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4-Chlorophenyl-phenylether	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4-Nitroaniline	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
4-Nitrophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Acenaphthene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Acenaphthylene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Anthracene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzidine	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[a]anthracene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[a]pyrene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Bis(2-Chloroethoxy)methane	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Bis(2-Chloroethyl)Ether	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Bis(2-Chloroisopropyl)ether	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Bis(2-Ethylhexyl)phthalate	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Butylbenzylphthalate	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Carbazole	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Chrysene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Dibenzofuran	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Diethylphthalate	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Dimethylphthalate	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Di-n-butylphthalate	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Di-n-octylphthalate	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270

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Fluoranthene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Fluorene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Hexachlorobenzene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Hexachlorobutadiene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Hexachlorocyclopentadiene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Hexachloroethane	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Isophorone	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Naphthalene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Nitrobenzene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
N-Nitrosodimethylamine	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
N-Nitroso-Di-N-Propylamine	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
N-Nitrosodiphenylamine	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Pentachlorophenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Phenanthrene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Phenol	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270
Pyrene	6/7/2006	pm	EPA3510/3550	6/8/2006	AHD	EPA 8270

Volatile Organics 1-10 (8260)	Preparation			Analysis		
	Date	By	Method	Date	By	Method
1,1,1-Trichloroethane			EPA5030/5035	6/7/2006	DB	EPA 8260
1,1,2,2-Tetrachloroethane			EPA5030/5035	6/7/2006	DB	EPA 8260
1,1,2-Trichloroethane			EPA5030/5035	6/7/2006	DB	EPA 8260
1,1-Dichloroethane			EPA5030/5035	6/7/2006	DB	EPA 8260
1,1-Dichloroethene			EPA5030/5035	6/7/2006	DB	EPA 8260
1,2-Dichloroethane			EPA5030/5035	6/7/2006	DB	EPA 8260
1,2-Dichloropropane			EPA5030/5035	6/7/2006	DB	EPA 8260
2-Butenone			EPA5030/5035	6/7/2006	DB	EPA 8260
2-Chloroethylvinylether			EPA5030/5035	6/7/2006	DB	EPA 8260
2-Hexanone			EPA5030/5035	6/7/2006	DB	EPA 8260
4-Methyl-2-Pentanone			EPA5030/5035	6/7/2006	DB	EPA 8260
Acetone			EPA5030/5035	6/7/2006	DB	EPA 8260
Acrolein			EPA5030/5035	6/7/2006	DB	EPA 8260
Acrylonitrile			EPA5030/5035	6/7/2006	DB	EPA 8260
Benzene			EPA5030/5035	6/7/2006	DB	EPA 8260
Bromodichloromethane			EPA5030/5035	6/7/2006	DB	EPA 8260
Bromoform			EPA5030/5035	6/7/2006	DB	EPA 8260
Bromomethane			EPA5030/5035	6/7/2006	DB	EPA 8260
Carbon disulfide			EPA5030/5035	6/7/2006	DB	EPA 8260
Carbon tetrachloride			EPA5030/5035	6/7/2006	DB	EPA 8260
Chlorobenzene			EPA5030/5035	6/7/2006	DB	EPA 8260
Chloroethane			EPA5030/5035	6/7/2006	DB	EPA 8260
Chloroform			EPA5030/5035	6/7/2006	DB	EPA 8260
Chloromethane			EPA5030/5035	6/7/2006	DB	EPA 8260
Cis-1,2-Dichloroethene			EPA5030/5035	6/7/2006	DB	EPA 8260
Cis-1,3-Dichloropropene			EPA5030/5035	6/7/2006	DB	EPA 8260
Dibromochloromethane			EPA5030/5035	6/7/2006	DB	EPA 8260
Ethylbenzene			EPA5030/5035	6/7/2006	DB	EPA 8260
M&p-Xylenes			EPA5030/5035	6/7/2006	DB	EPA 8260
Methylene chloride			EPA5030/5035	6/7/2006	DB	EPA 8260
O-Xylene			EPA5030/5035	6/7/2006	DB	EPA 8260
Styrene			EPA5030/5035	6/7/2006	DB	EPA 8260
Tetrachloroethene			EPA5030/5035	6/7/2006	DB	EPA 8260
Toluene			EPA5030/5035	6/7/2006	DB	EPA 8260
Trans-1,2-Dichloroethene			EPA5030/5035	6/7/2006	DB	EPA 8260
Trans-1,3-Dichloropropene			EPA5030/5035	6/7/2006	DB	EPA 8260
Trichloroethene			EPA5030/5035	6/7/2006	DB	EPA 8260
Vinyl chloride			EPA5030/5035	6/7/2006	DB	EPA 8260

Lab Number	Sample Description
AC23854-003	SS 14.5A 15001600

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/7/2006	na	SM 2540G

Laboratory Chronicle

veritech

6000

Lab Number	Sample Description
AC23854-004	SS 14.5A 17501800

%Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/7/2006	na	SM 2540G

Volatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	NO
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	Yes
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Data File	Compound	Concentration
3M23132.	Methylene Chloride	1.03

Additional Comments

Methylene chloride was recovered in method blank 3M23132 due to possible laboratory contamination.

Organics Director: _____ 6/19/06

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File / Compound / Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	Yes
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

Organics Director: _____ 6/21/06

METHOD REFERENCES

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals–semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis

veritech laboratories

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sonorer
Project: Promenade Edgewater

Date Submitted: 6/6/2006
Date Reported: 6/21/2006

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte		DF	Units	RL	Result	TestGroup/Analyte		DF	Units	RL	Result
AC23854-001	SS 14.5A 04000500	6/6/2006				AC23854-002	SS 14.5A 13001400	6/6/2006			
% Solids SM2540G						% Solids SM2540G					
% Solids		1	percent		87	% Solids		1	percent		78

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			
TestGroup/Analyte	DF	Units	RL	Result	
AC23854-002	**SS 14.5A 13001400**	**6/6/2006**			
Semivolatile Organics + 25 (8270)					
1,2,4-Trichlorobenzene	1	mg/kg	0.43	ND	
1,2-Dichlorobenzene	1	mg/kg	0.43	ND	
1,2-Diphenylhydrazine	1	mg/kg	0.43	ND	
1,3-Dichlorobenzene	1	mg/kg	0.43	ND	
1,4-Dichlorobenzene	1	mg/kg	0.43	ND	
2,4,5-Trichlorophenol	1	mg/kg	0.43	ND	
2,4,6-Trichlorophenol	1	mg/kg	0.43	ND	
2,4-Dichlorophenol	1	mg/kg	0.43	ND	
2,4-Dimethylphenol	1	mg/kg	0.43	ND	
2,4-Dinitrophenol	1	mg/kg	1.1	ND	
2,4-Dinitrotoluene	1	mg/kg	0.43	ND	
2,6-Dinitrotoluene	1	mg/kg	0.43	ND	
2-Chloronaphthalene	1	mg/kg	0.43	ND	
2-Chlorophenol	1	mg/kg	0.43	ND	
2-Methylnaphthalene	1	mg/kg	0.43	ND	
2-Methylphenol	1	mg/kg	0.43	ND	
2-Nitroaniline	1	mg/kg	0.43	ND	
2-Nitrophenol	1	mg/kg	0.43	ND	
3&4-Methylphenol	1	mg/kg	0.43	ND	
3,3'-Dichlorobenzidine	1	mg/kg	0.43	ND	
3-Nitroaniline	1	mg/kg	0.43	ND	
4,6-Dinitro-2-methylphenol	1	mg/kg	1.1	ND	
4-Bromophenyl-phenylether	1	mg/kg	0.43	ND	
4-Chloro-3-methylphenol	1	mg/kg	0.43	ND	
4-Chloroaniline	1	mg/kg	0.43	ND	
4-Chlorophenyl-phenylether	1	mg/kg	0.43	ND	
4-Nitroaniline	1	mg/kg	0.43	ND	
4-Nitrophenol	1	mg/kg	0.43	ND	
Acenaphthene	1	mg/kg	0.43	ND	
Acenaphthylene	1	mg/kg	0.43	ND	
Anthracene	1	mg/kg	0.43	ND	
Benzidine	1	mg/kg	0.43	ND	
Benzo[a]anthracene	1	mg/kg	0.43	ND	
Benzo[a]pyrene	1	mg/kg	0.43	ND	
Benzo[b]fluoranthene	1	mg/kg	0.43	ND	
Benzo[g,h,i]perylene	1	mg/kg	0.43	ND	
Benzo[k]fluoranthene	1	mg/kg	0.43	ND	
Bis(2-Chloroethoxy)methane	1	mg/kg	0.43	ND	
Bis(2-Chloroethyl)Ether	1	mg/kg	0.43	ND	
Bis(2-Chloroisopropyl)ether	1	mg/kg	0.43	ND	
Bis(2-Ethylhexyl)phthalate	1	mg/kg	0.43	0.079J	
Butylbenzylphthalate	1	mg/kg	0.43	ND	
Carbazole	1	mg/kg	0.43	ND	
Chrysene	1	mg/kg	0.43	ND	
Dibenzo[a,h]Anthracene	1	mg/kg	0.43	ND	
Dibenzofuran	1	mg/kg	0.43	ND	
Diethylphthalate	1	mg/kg	0.43	ND	
Dimethylphthalate	1	mg/kg	0.43	ND	
Di-n-butylphthalate	1	mg/kg	0.43	ND	
Di-n-octylphthalate	1	mg/kg	0.43	ND	
Fluoranthene	1	mg/kg	0.43	ND	
Fluorene	1	mg/kg	0.43	ND	
Hexachlorobenzene	1	mg/kg	0.43	ND	
Hexachlorobutadiene	1	mg/kg	0.43	ND	
Hexachlorocyclopentadiene	1	mg/kg	0.43	ND	
Hexachloroethane	1	mg/kg	0.43	ND	
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.43	ND	
Isophorone	1	mg/kg	0.43	ND	
Naphthalene	1	mg/kg	0.43	ND	
Nitrobenzene	1	mg/kg	0.43	ND	
N-Nitrosodimethylamine	1	mg/kg	0.43	ND	
N-Nitroso-Di-N-Propylamine	1	mg/kg	0.43	ND	
N-Nitrosodiphenylamine	1	mg/kg	0.43	ND	
Pentachlorophenol	1	mg/kg	1.1	ND	
Phenanthrene	1	mg/kg	0.43	ND	
Phenol	1	mg/kg	0.43	ND	
Pyrene	1	mg/kg	0.43	ND	

Lab#	Sample ID	Date Collected			
TestGroup/Analyte	DF	Units	RL	Result	
AC23854-002	**SS 14.5A 13001400**	**6/6/2006**			
Volatile Organics + 10 (8260)					
1,1,1-Trichloroethene	82.5	mg/kg	0.53	ND	
1,1,2,2-Tetrachloroethane	82.5	mg/kg	0.53	ND	
1,1,2-Trichloroethane	82.5	mg/kg	0.53	ND	
1,1-Dichloroethane	82.5	mg/kg	0.53	ND	
1,1-Dichloroethene	82.5	mg/kg	0.53	ND	
1,2-Dichloroethane	82.5	mg/kg	0.53	ND	
1,2-Dichloropropane	82.5	mg/kg	0.53	ND	
2-Butanone	82.5	mg/kg	0.53	ND	
2-Chloroethylvinylether	82.5	mg/kg	0.53	ND	
2-Hexanone	82.5	mg/kg	1.1	ND	
4-Methyl-2-Pentanone	82.5	mg/kg	0.53	ND	
Acetone	82.5	mg/kg	2.6	ND	
Acrolein	82.5	mg/kg	2.6	ND	
Acrylonitrile	82.5	mg/kg	0.53	ND	
Benzene	82.5	mg/kg	0.11	ND	
Bromodichloromethane	82.5	mg/kg	0.53	ND	
Bromoform	82.5	mg/kg	0.53	ND	
Bromomethane	82.5	mg/kg	0.53	ND	
Carbon disulfide	82.5	mg/kg	0.53	ND	
Carbon tetrachloride	82.5	mg/kg	0.53	ND	
Chlorobenzene	82.5	mg/kg	0.53	ND	
Chloroethane	82.5	mg/kg	0.53	ND	
Chloroform	82.5	mg/kg	0.53	ND	
Chloromethane	82.5	mg/kg	0.53	ND	
Cis-1,2-Dichloroethene	82.5	mg/kg	0.53	ND	
Cis-1,3-Dichloropropene	82.5	mg/kg	0.53	ND	
Dibromochloromethane	82.5	mg/kg	0.53	ND	
Ethylbenzene	82.5	mg/kg	0.11	ND	
M&p-Xylenes	82.5	mg/kg	0.21	ND	
Methylene chloride	82.5	mg/kg	0.53	ND	
O-Xylene	82.5	mg/kg	0.11	ND	
Styrene	82.5	mg/kg	0.53	ND	
Tetrachloroethene	82.5	mg/kg	0.53	ND	
Toluene	82.5	mg/kg	0.11	ND	
Trans-1,2-Dichloroethene	82.5	mg/kg	0.53	ND	
Trans-1,3-Dichloropropene	82.5	mg/kg	0.53	ND	
Trichloroethene	82.5	mg/kg	0.53	ND	
Vinyl chloride	82.5	mg/kg	0.53	ND	
AC23854-003	**SS 14.5A 15001600**	**6/6/2006**			
% Solids SM2540G					
% Solids	1	percent		77	
AC23854-004	**SS 14.5A 17501800**	**6/6/2006**			
% Solids SM2540G					
% Solids	1	percent		85	

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte	DF	Units	RL	Result		TestGroup/Analyte	DF	Units	RL	Result	

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 3M23132.D
Analysis Date: 06/07/06 10:57
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.62	U	56-23-5	Carbon Tetrachloride	0.62	U
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	108-90-7	Chlorobenzene	0.62	U
79-00-5	1,1,2-Trichloroethane	0.62	U	75-00-3	Chloroethane	0.62	U
75-34-3	1,1-Dichloroethane	0.62	U	67-66-3	Chloroform	0.62	U
75-35-4	1,1-Dichloroethene	0.62	U	74-87-3	Chloromethane	0.62	U
107-06-2	1,2-Dichloroethane	0.62	U	156-59-2	cis-1,2-Dichloroethene	0.62	U
78-87-5	1,2-Dichloropropane	0.62	U	10061-01-5	cis-1,3-Dichloropropene	0.62	U
78-93-3	2-Butanone	0.62	U	124-48-1	Dibromochloromethane	0.62	U
110-75-8	2-Chloroethylvinylether	0.62	U	100-41-4	Ethylbenzene	0.12	U
591-78-6	2-Hexanone	1.2	U	1330-20-7	m&p-Xylenes	0.25	U
108-10-1	4-Methyl-2-Pentanone	0.62	U	**75-09-2**	**Methylene Chloride**	**0.62**	**0.13 J**
67-64-1	Acetone	3.1	U	95-47-6	o-Xylene	0.12	U
107-02-8	Acrolein	3.1	U	100-42-5	Styrene	0.62	U
107-13-1	Acrylonitrile	0.62	U	127-18-4	Tetrachloroethene	0.62	U
71-43-2	Benzene	0.12	U	108-88-3	Toluene	0.12	U
75-27-4	Bromodichloromethane	0.62	U	156-60-5	trans-1,2-Dichloroethene	0.62	U
75-25-2	Bromoform	0.62	U	10061-02-6	trans-1,3-Dichloropropene	0.62	U
74-83-9	Bromomethane	0.62	U	79-01-6	Trichloroethene	0.62	U
75-15-0	Carbon Disulfide	0.62	U	75-01-4	Vinyl Chloride	0.62	U

Worksheet #: 29153

Total Target Concentration 0.13

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 3M23132.D
Analysis Date: 06/07/06 10:57
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 4g:10ml
Final Vol: NA
Dilution: 125
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		column bleed	2.44	0.45 J

Worksheet #: 29153

Total Tentatively Identified Concentration 0.45

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-07-06\3M23132.D Vial: 4
Acq On : 7 Jun 2006 10:57 Operator: DB
Sample : DAILY BLANK Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 12 9:52 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.28	96	294865	30.00	ug/l	0.02
39) Chlorobenzene-d5	10.09	117	231869	30.00	ug/l	0.02
54) 1,4-Dichlorobenzene-d4	11.89	152	125541	30.00	ug/l	0.02
System Monitoring Compounds						
27) Dibromofluoromethane	6.48	111	92540	29.04	ug/l	0.02
Spiked Amount 30.000			Recovery = 96.80%			
28) 1,2-Dichloroethane-d4	6.88	67	62081	29.92	ug/l	0.02
Spiked Amount 30.000			Recovery = 99.73%			
50) Toluene-d8	8.85	100	192586	27.66	ug/l	0.02
Spiked Amount 30.000			Recovery = 92.20%			
58) Bromofluorobenzene	11.02	174	96793	27.22	ug/l	0.02
Spiked Amount 30.000			Recovery = 90.73%			
Target Compounds						Qvalue
8) Methylene Chloride	3.89	84	3121m	1.03	ug/l	

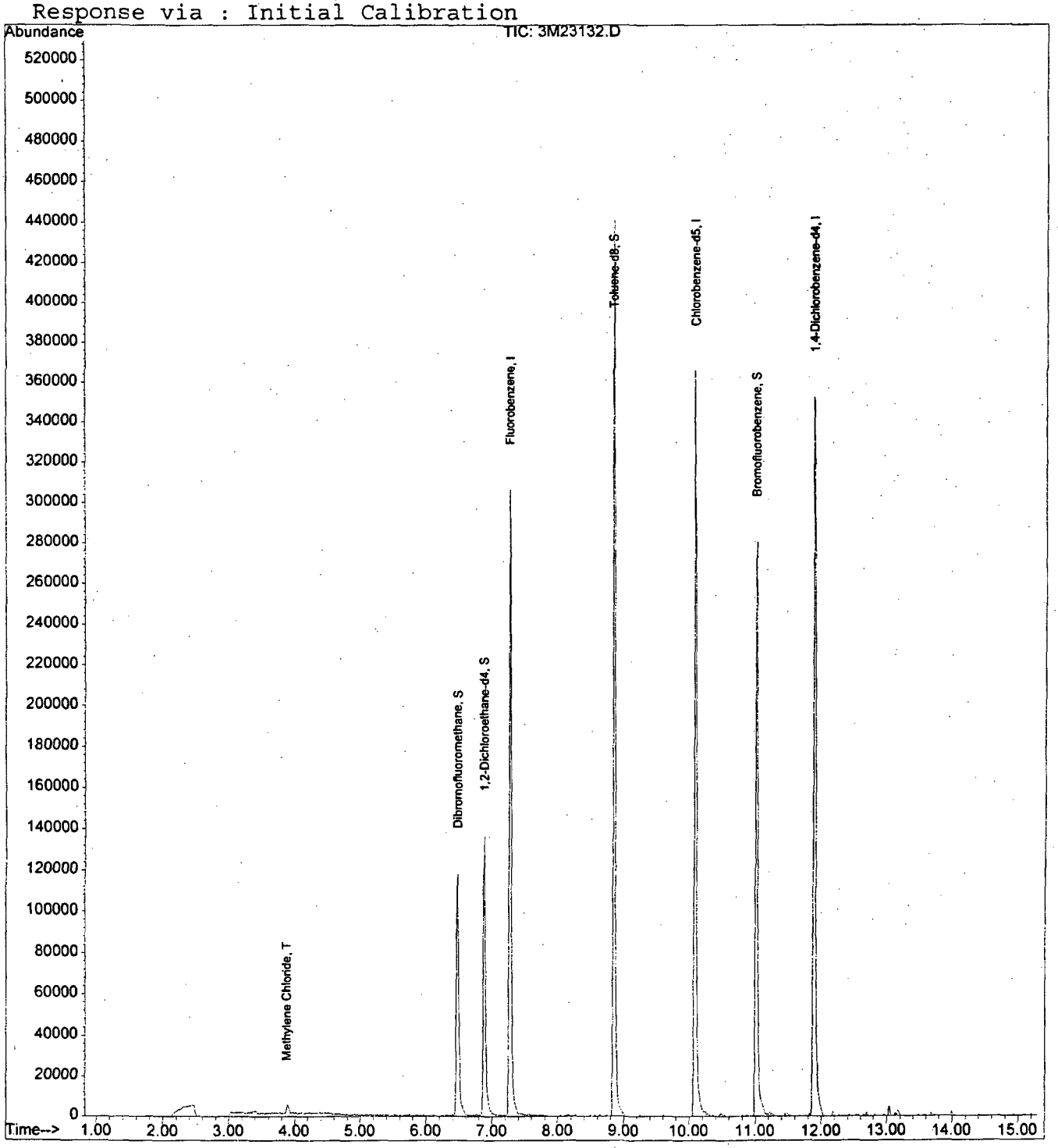
mdpg

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-07-06\3M23132.D Vial: 4
Acq On : 7 Jun 2006 10:57 Operator: DB
Sample : DAILY BLANK Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 12 9:52 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS VOLATILE REPORT

Sample Number: AC23854-002
Client Id: SS 14.5A 13001400
Data File: 3M23139.D
Analysis Date: 06/07/06 13:52
Date Rec/Extracted: 06/06/06-NA

Matrix: Methanol
Extraction Ratio: 6.06g:10ml
Final Vol: NA
Dilution: 82.5
Solids: 78

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.53	U	56-23-5	Carbon Tetrachloride	0.53	U
79-34-5	1,1,2,2-Tetrachloroethane	0.53	U	108-90-7	Chlorobenzene	0.53	U
79-00-5	1,1,2-Trichloroethane	0.53	U	75-00-3	Chloroethane	0.53	U
75-34-3	1,1-Dichloroethane	0.53	U	67-66-3	Chloroform	0.53	U
75-35-4	1,1-Dichloroethene	0.53	U	74-87-3	Chloromethane	0.53	U
107-06-2	1,2-Dichloroethane	0.53	U	156-59-2	cis-1,2-Dichloroethene	0.53	U
78-87-5	1,2-Dichloropropane	0.53	U	10061-01-5	cis-1,3-Dichloropropene	0.53	U
78-93-3	2-Butanone	0.53	U	124-48-1	Dibromochloromethane	0.53	U
110-75-8	2-Chloroethylvinylether	0.53	U	100-41-4	Ethylbenzene	0.11	U
591-78-6	2-Hexanone	1.1	U	1330-20-7	m&p-Xylenes	0.21	U
108-10-1	4-Methyl-2-Pentanone	0.53	U	75-09-2	Methylene Chloride	0.53	U
67-64-1	Acetone	2.6	U	95-47-6	o-Xylene	0.11	U
107-02-8	Acrolein	2.6	U	100-42-5	Styrene	0.53	U
107-13-1	Acrylonitrile	0.53	U	127-18-4	Tetrachloroethene	0.53	U
71-43-2	Benzene	0.11	U	108-88-3	Toluene	0.11	U
75-27-4	Bromodichloromethane	0.53	U	156-60-5	trans-1,2-Dichloroethene	0.53	U
75-25-2	Bromoform	0.53	U	10061-02-6	trans-1,3-Dichloropropene	0.53	U
74-83-9	Bromomethane	0.53	U	79-01-6	Trichloroethene	0.53	U
75-15-0	Carbon Disulfide	0.53	U	75-01-4	Vinyl Chloride	0.53	U

Worksheet #: 29153

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23854-002
Client Id: SS 14.5A 13001400
Data File: 3M23139.D
Analysis Date: 06/07/06 13:52
Date Rec/Extracted: 06/06/06-NA

Matrix: Methanol
Extraction Ratio: 6.06g:10ml
Final Vol: NA
Dilution: 82.5
Solids: 78

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		column bleed	2.50	0.40 JB

Worksheet #: 29153

Total Tentatively Identified Concentration 0.4

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-07-06\3M23139.D Vial: 11
Acq On : 7 Jun 2006 13:52 Operator: DB
Sample : AC23854-002 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:34 2006 Quant Results File: 3M_A0519.RES

Quant Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:25:16 2006
Response via : Initial Calibration
DataAcq Meth : 3M_R8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	7.28	96	291248	30.00	ug/l	0.02
39) Chlorobenzene-d5	10.09	117	216136	30.00	ug/l	0.02
54) 1,4-Dichlorobenzene-d4	11.89	152	112282	30.00	ug/l	0.02
System Monitoring Compounds						
27) Dibromofluoromethane	6.49	111	94959	30.16	ug/l	0.03
Spiked Amount 30.000			Recovery = 100.53%			
28) 1,2-Dichloroethane-d4	6.89	67	61180	29.85	ug/l	0.03
Spiked Amount 30.000			Recovery = 99.50%			
50) Toluene-d8	8.86	100	184141	28.37	ug/l	0.03
Spiked Amount 30.000			Recovery = 94.57%			
58) Bromofluorobenzene	11.02	174	91538	28.78	ug/l	0.02
Spiked Amount 30.000			Recovery = 95.93%			

Target Compounds Qvalue

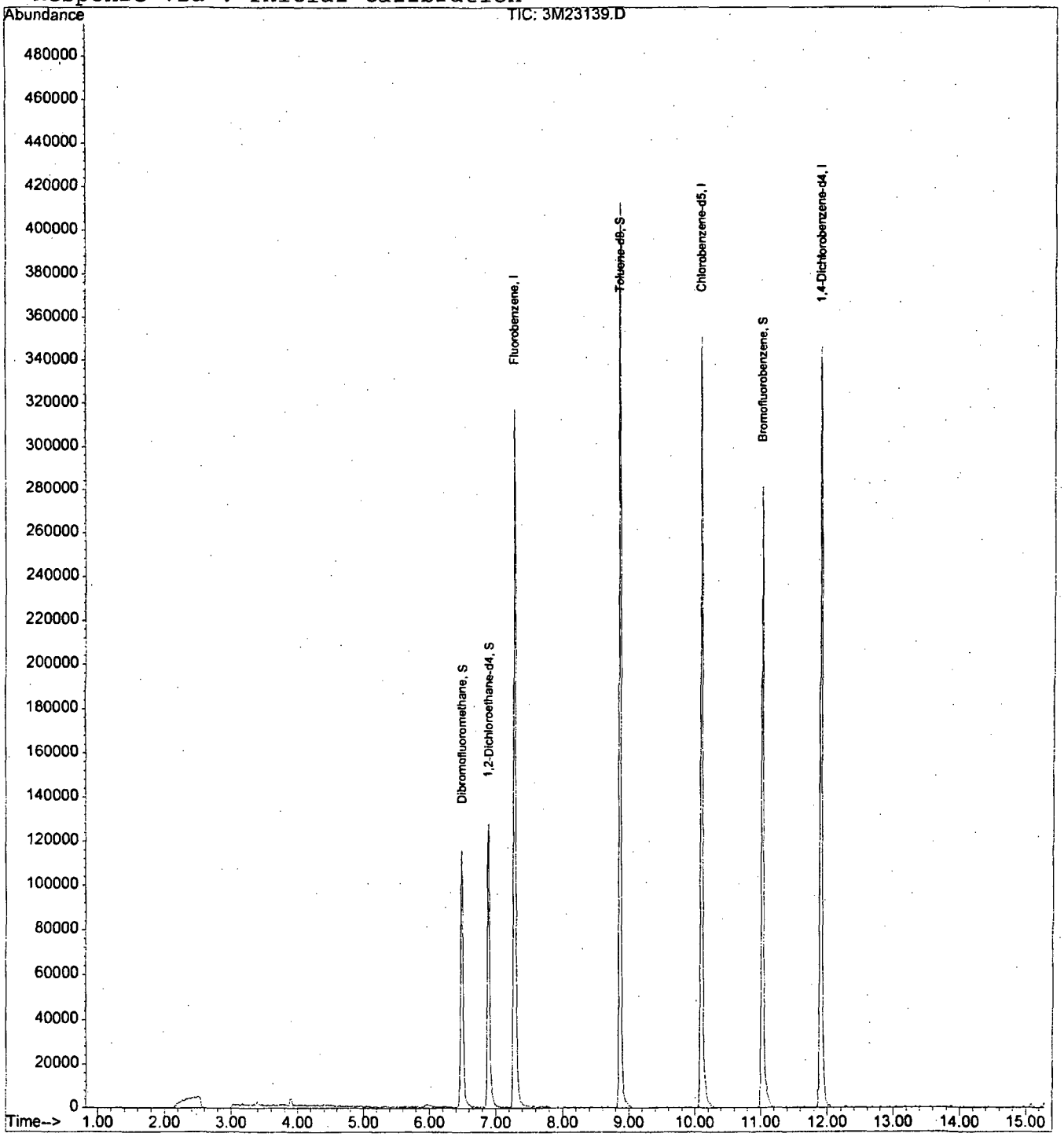
6/19/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-07-06\3M23139.D Vial: 11
Acq On : 7 Jun 2006 13:52 Operator: DB
Sample : AC23854-002 Inst : GCMS_3
Misc : M,MEOH Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:34 2006 Quant Results File: 3M_A0519.RES

Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260
Last Update : Sat May 20 06:20:07 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2911
Client Id:
Data File: 5M19471.D
Analysis Date: 06/08/06 12:45
Date Rec/Extracted: NA-06/07/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.33	U	205-99-2	Benzo[b]fluoranthene	0.33	U
95-50-1	1,2-Dichlorobenzene	0.33	U	191-24-2	Benzo[g,h,i]perylene	0.33	U
122-66-7	1,2-Diphenylhydrazine	0.33	U	207-08-9	Benzo[k]fluoranthene	0.33	U
541-73-1	1,3-Dichlorobenzene	0.33	U	111-91-1	bis(2-Chloroethoxy)methan	0.33	U
106-46-7	1,4-Dichlorobenzene	0.33	U	111-44-4	bis(2-Chloroethyl)ether	0.33	U
95-95-4	2,4,5-Trichlorophenol	0.33	U	108-60-1	bis(2-chloroisopropyl)ether	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.33	U
120-83-2	2,4-Dichlorophenol	0.33	U	85-68-7	Butylbenzylphthalate	0.33	U
105-67-9	2,4-Dimethylphenol	0.33	U	86-74-8	Carbazole	0.33	U
51-28-5	2,4-Dinitrophenol	0.83	U	218-01-9	Chrysene	0.33	U
121-14-2	2,4-Dinitrotoluene	0.33	U	84-74-2	Di-n-butylphthalate	0.33	U
606-20-2	2,6-Dinitrotoluene	0.33	U	117-84-0	Di-n-octylphthalate	0.33	U
91-58-7	2-Chloronaphthalene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
95-57-8	2-Chlorophenol	0.33	U	132-64-9	Dibenzofuran	0.33	U
91-57-6	2-Methylnaphthalene	0.33	U	84-66-2	Diethylphthalate	0.33	U
95-48-7	2-Methylphenol	0.33	U	131-11-3	Dimethylphthalate	0.33	U
88-74-4	2-Nitroaniline	0.33	U	206-44-0	Fluoranthene	0.33	U
88-75-5	2-Nitrophenol	0.33	U	86-73-7	Fluorene	0.33	U
106-44-5	3&4-Methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.33	U
91-94-1	3,3'-Dichlorobenzidine	0.33	U	87-68-3	Hexachlorobutadiene	0.33	U
99-09-2	3-Nitroaniline	0.33	U	77-47-4	Hexachlorocyclopentadiene	0.33	U
534-52-1	4,6-Dinitro-2-methylphenol	0.83	U	67-72-1	Hexachloroethane	0.33	U
101-55-3	4-Bromophenyl-phenylether	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
59-50-7	4-Chloro-3-methylphenol	0.33	U	78-59-1	Isophorone	0.33	U
106-47-8	4-Chloroaniline	0.33	U	621-64-7	N-Nitroso-di-n-propylamine	0.33	U
7005-72-3	4-Chlorophenyl-phenylether	0.33	U	62-75-9	N-Nitrosodimethylamine	0.33	U
100-01-6	4-Nitroaniline	0.33	U	86-30-6	n-Nitrosodiphenylamine	0.33	U
100-02-7	4-Nitrophenol	0.33	U	91-20-3	Naphthalene	0.33	U
83-32-9	Acenaphthene	0.33	U	98-95-3	Nitrobenzene	0.33	U
208-96-8	Acenaphthylene	0.33	U	87-86-5	Pentachlorophenol	0.83	U
120-12-7	Anthracene	0.33	U	85-01-8	Phenanthrene	0.33	U
92-87-5	Benzidine	0.33	U	108-95-2	Phenol	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	129-00-0	Pyrene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U				

Worksheet #: 29159

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB2911
Client Id:
Data File: 5M19471.D
Analysis Date: 06/08/06 12:45
Date Rec/Extracted: NA-06/07/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	1.47	0.73 J
2	141-79-7	3-Penten-2-one, 4-methyl-	1.93	44 J
3	2213-23-2	Heptane, 2,4-dimethyl-	2.18	0.37 J
4	1072-05-5	Heptane, 2,6-dimethyl-	2.29	0.78 J
5	2216-30-0	Heptane, 2,5-dimethyl-	2.38	2.2 J
6	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.50	5.5 JA
7	3074-71-3	Heptane, 2,3-dimethyl-	2.73	0.75 J
8	3221-61-2	Octane, 2-methyl-	2.91	3.0 J
9	2216-33-3	Octane, 3-methyl-	3.04	0.31 J
10		unknown	4.09	0.19 J

Worksheet #: 29159

Total Tentatively Identified Concentration 57.83

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-08-06\5M19471.D Vial: 8
Acq On : 8 Jun 2006 12:45 Operator: AHD
Sample : SMB2911 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 12 11:19 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.66	152	20051	40.00 ng	-0.02
20) Naphthalene-d8	5.73	136	80423	40.00 ng	-0.01
36) Acenaphthene-d10	7.03	164	48374	40.00 ng	-0.01
61) Phenanthrene-d10	8.30	188	85131	40.00 ng	-0.02
77) Chrysene-d12	11.21	240	71704	40.00 ng	-0.03
88) Perylene-d12	12.78	264	48484	40.00 ng	-0.03
System Monitoring Compounds					
4) 2-Fluorophenol	3.13	112	98279	158.44 ng	-0.04
Spiked Amount 200.000			Recovery =	79.22%	
8) Phenol-d5	4.39	99	149436	162.28 ng	-0.02
Spiked Amount 200.000			Recovery =	81.14%	
21) Nitrobenzene-d5	5.16	128	25986	80.89 ng	-0.02
Spiked Amount 100.000			Recovery =	80.89%	
41) 2-Fluorobiphenyl	6.55	172	131592	88.94 ng	-0.01
Spiked Amount 100.000			Recovery =	88.94%	
64) 2,4,6-Tribromophenol	7.67	330	28031	182.83 ng	-0.02
Spiked Amount 200.000			Recovery =	91.42%	
80) Terphenyl-d14	10.04	244	159595	110.19 ng	-0.02
Spiked Amount 100.000			Recovery =	110.19%	
Target Compounds					Qvalue

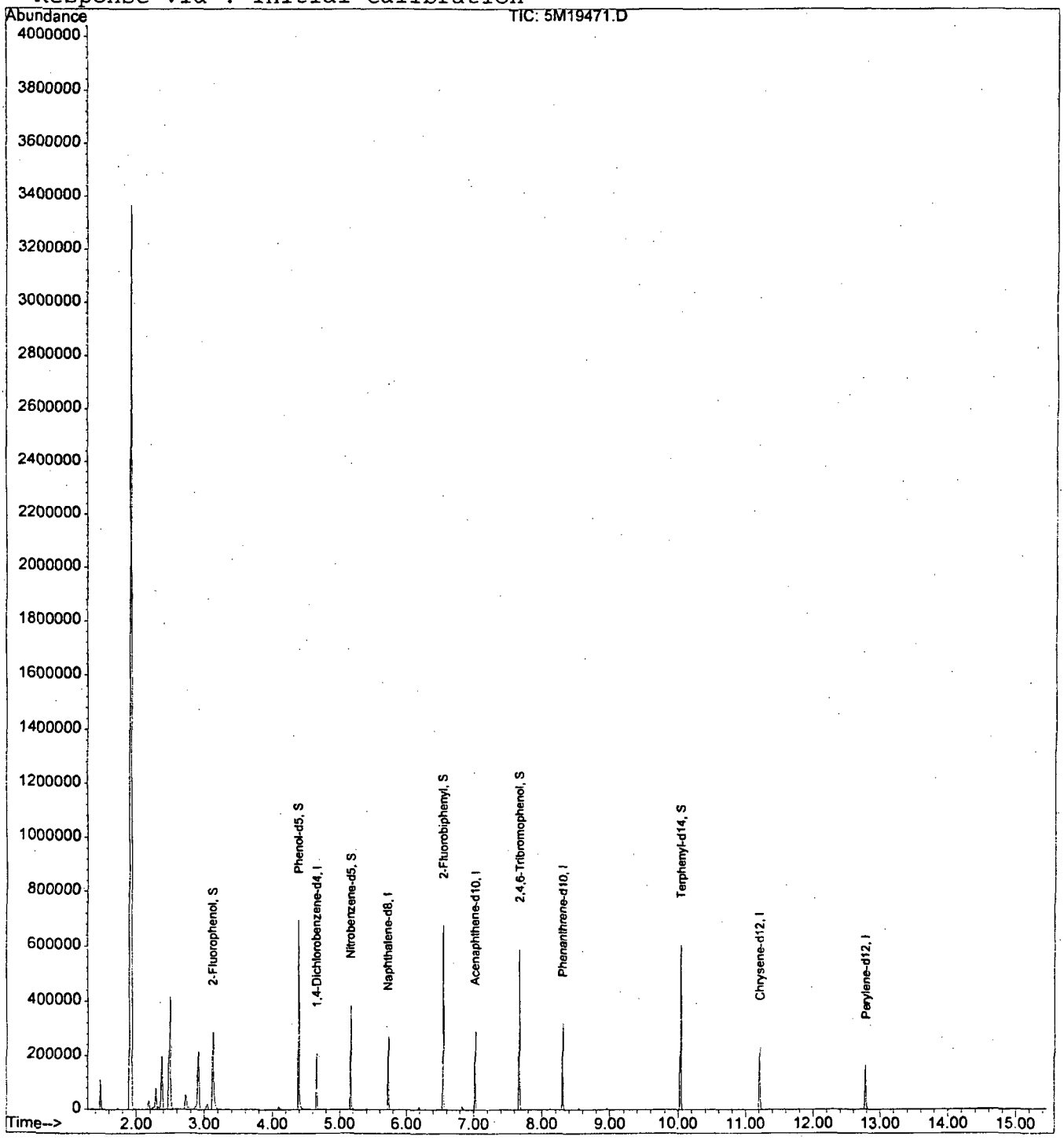
146194

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-08-06\5M19471.D Vial: 8
Acq On : 8 Jun 2006 12:45 Operator: AHD
Sample : SMB2911 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 12 11:19 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23854-002
Client Id: SS 14.5A 13001400
Data File: 5M19483.D
Analysis Date: 06/08/06 17:02
Date Rec/Extracted: 06/06/06-06/07/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 78

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.43	U	205-99-2	Benzo[b]fluoranthene	0.43	U
95-50-1	1,2-Dichlorobenzene	0.43	U	191-24-2	Benzo[g,h,i]perylene	0.43	U
122-66-7	1,2-Diphenylhydrazine	0.43	U	207-08-9	Benzo[k]fluoranthene	0.43	U
541-73-1	1,3-Dichlorobenzene	0.43	U	111-91-1	bis(2-Chloroethoxy)methan	0.43	U
106-46-7	1,4-Dichlorobenzene	0.43	U	111-44-4	bis(2-Chloroethyl)ether	0.43	U
95-95-4	2,4,5-Trichlorophenol	0.43	U	108-60-1	bis(2-chloroisopropyl)ether	0.43	U
88-06-2	2,4,6-Trichlorophenol	0.43	U	117-81-7	bis(2-Ethylhexyl)phthalat	0.43	0.079 J
120-83-2	2,4-Dichlorophenol	0.43	U	85-68-7	Butylbenzylphthalate	0.43	U
105-67-9	2,4-Dimethylphenol	0.43	U	86-74-8	Carbazole	0.43	U
51-28-5	2,4-Dinitrophenol	1.1	U	218-01-9	Chrysene	0.43	U
121-14-2	2,4-Dinitrotoluene	0.43	U	84-74-2	Di-n-butylphthalate	0.43	U
606-20-2	2,6-Dinitrotoluene	0.43	U	117-84-0	Di-n-octylphthalate	0.43	U
91-58-7	2-Chloronaphthalene	0.43	U	53-70-3	Dibenzo[a,h]anthracene	0.43	U
95-57-8	2-Chlorophenol	0.43	U	132-64-9	Dibenzofuran	0.43	U
91-57-6	2-Methylnaphthalene	0.43	U	84-66-2	Diethylphthalate	0.43	U
95-48-7	2-Methylphenol	0.43	U	131-11-3	Dimethylphthalate	0.43	U
88-74-4	2-Nitroaniline	0.43	U	206-44-0	Fluoranthene	0.43	U
88-75-5	2-Nitrophenol	0.43	U	86-73-7	Fluorene	0.43	U
106-44-5	3&4-Methylphenol	0.43	U	118-74-1	Hexachlorobenzene	0.43	U
91-94-1	3,3'-Dichlorobenzidine	0.43	U	87-68-3	Hexachlorobutadiene	0.43	U
99-09-2	3-Nitroaniline	0.43	U	77-47-4	Hexachlorocyclopentadiene	0.43	U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	67-72-1	Hexachloroethane	0.43	U
101-55-3	4-Bromophenyl-phenylether	0.43	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.43	U
59-50-7	4-Chloro-3-methylphenol	0.43	U	78-59-1	Isophorone	0.43	U
106-47-8	4-Chloroaniline	0.43	U	621-64-7	N-Nitroso-di-n-propylamine	0.43	U
7005-72-3	4-Chlorophenyl-phenylether	0.43	U	62-75-9	N-Nitrosodimethylamine	0.43	U
100-01-6	4-Nitroaniline	0.43	U	86-30-6	n-Nitrosodiphenylamine	0.43	U
100-02-7	4-Nitrophenol	0.43	U	91-20-3	Naphthalene	0.43	U
83-32-9	Acenaphthene	0.43	U	98-95-3	Nitrobenzene	0.43	U
208-96-8	Acenaphthylene	0.43	U	87-86-5	Pentachlorophenol	1.1	U
120-12-7	Anthracene	0.43	U	85-01-8	Phenanthrene	0.43	U
92-87-5	Benzidine	0.43	U	108-95-2	Phenol	0.43	U
56-55-3	Benzo[a]anthracene	0.43	U	129-00-0	Pyrene	0.43	U
50-32-8	Benzo[a]pyrene	0.43	U				

Worksheet #: 29159

Total Target Concentration 0.079

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC23854-002 | Matrix: Soil
Client Id: SS 14.5A 13001400 | Initial Vol: 30g
Data File: 5M19483.D | Final Vol: 1ml
Analysis Date: 06/08/06 17:02 | Dilution: 1
Date Rec/Extracted: 06/06/06-06/07/06 | Solids: 78

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	1.47	0.99 JB
2	141-79-7	3-Penten-2-one, 4-methyl-	1.93	61 JB
3	1072-05-5	Heptane, 2,6-dimethyl-	2.28	0.42 JB
4	2216-30-0	Heptane, 2,5-dimethyl-	2.37	1.3 JB
5	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.50	7.7 JAB
6	3074-71-3	Heptane, 2,3-dimethyl-	2.73	0.53 JB
7	3221-61-2	Octane, 2-methyl-	2.91	2.3 JB
8	2216-33-3	Octane, 3-methyl-	3.04	0.25 JB
9		unknown	4.09	0.27 JB

Worksheet #: 29159

Total Tentatively Identified Concentration 74.76

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-08-06\5M19483.D Vial: 20
Acq On : 8 Jun 2006 17:02 Operator: AHD
Sample : AC23854-002 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:56 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.66	152	19414	40.00	ng	-0.02
20) Naphthalene-d8	5.73	136	84124	40.00	ng	-0.01
36) Acenaphthene-d10	7.03	164	49331	40.00	ng	-0.01
61) Phenanthrene-d10	8.30	188	83169	40.00	ng	-0.02
77) Chrysene-d12	11.21	240	66180	40.00	ng	-0.03
88) Perylene-d12	12.78	264	50043	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.12	112	98605	164.18	ng	-0.05
Spiked Amount 200.000			Recovery =	82.09%		
8) Phenol-d5	4.39	99	150618	168.93	ng	-0.02
Spiked Amount 200.000			Recovery =	84.47%		
21) Nitrobenzene-d5	5.16	128	25808	76.80	ng	-0.02
Spiked Amount 100.000			Recovery =	76.80%		
41) 2-Fluorobiphenyl	6.55	172	133068	88.19	ng	-0.01
Spiked Amount 100.000			Recovery =	88.19%		
64) 2,4,6-Tribromophenol	7.67	330	25449	169.91	ng	-0.02
Spiked Amount 200.000			Recovery =	84.96%		
80) Terphenyl-d14	10.04	244	139996	104.72	ng	-0.02
Spiked Amount 100.000			Recovery =	104.72%		
Target Compounds						Qvalue
87) bis(2-Ethylhexyl)phthalate	11.37	149	2911	1.84	ng	87

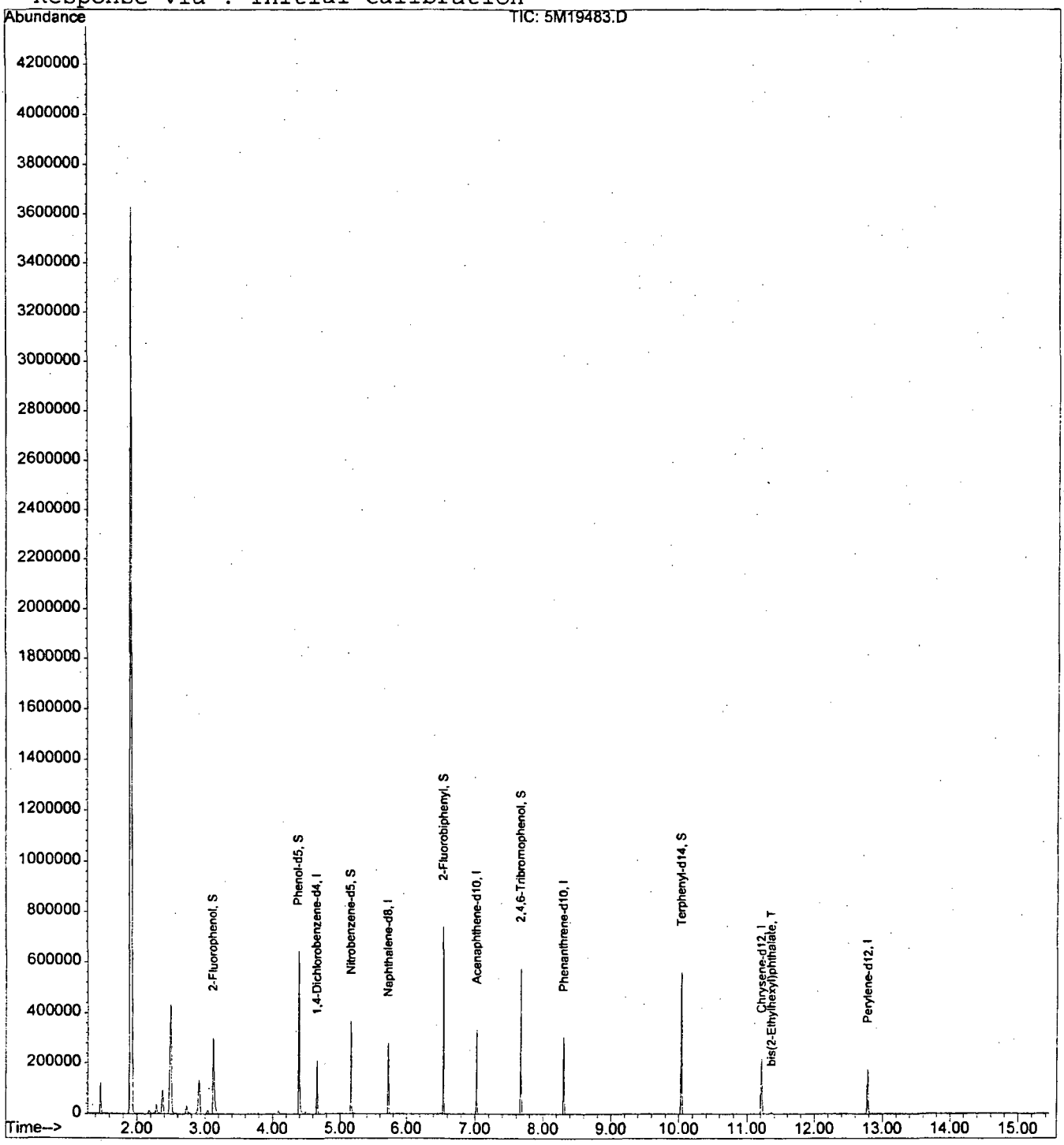
6/19/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-08-06\5M19483.D Vial: 20
Acq On : 8 Jun 2006 17:02 Operator: AHD
Sample : AC23854-002 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 19 9:56 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G Project #: 6060605
TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC23854-001	SS 14.5A 040005	Soil/Encore	1	87	Percent			06/07/06	06/06/06	06/06/06
AC23854-002	SS 14.5A 130014	Soil/Encore	1	78	Percent			06/07/06	06/06/06	06/06/06
AC23854-003	SS 14.5A 150016	Soil/Encore	1	77	Percent			06/07/06	06/06/06	06/06/06
AC23854-004	SS 14.5A 175018	Soil/Encore	1	85	Percent			06/07/06	06/06/06	06/06/06

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3M23132	DAILY BLANK	Methanol	1		97	100	92	91		
3M23264	DAILY BLANK	Methanol	1		105	100	90	92		
3M23139	AC23854-002	Methanol	1		101	100	95	96		
3M23286	MBS3610	Methanol	1		93	100	99	98		
3M23289	AC23851-007(MS)	Methanol	1		93	99	100	93		
3M23290	AC23851-007(MSD)	Methanol	1		91	99	96	93		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	50-150
S2=1,2-Dichloroethane-d4	30	80-120
S3=Toluene-d8	30	81-117
S4=Bromofluorobenzene	30	74-121

FORM 3
Spike Recovery

Batch Number: MBS3610
Mbs Name: MBS3610
Ns Name: AC23851-007
Ms Name: AC23851-007(MS)
Msd Name: AC23851-007(MS

Mbs File: 3M23286.D
Non Spk'd File: 3M23188.D
Spike File: 3M23289.D
Spike Dup File: 3M23290.D
Matrix: Methanol
Method: 8260

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,1-Dichloroethene	1	0	20	59	172	22	20.52	0.00	23.56	23.90	103	118	119	1.4
Trichloroethene	1	0	20	62	137	24	19.72	0.00	21.52	21.19	99	108	106	1.5
Benzene	1	0	20	66	142	21	19.68	0.00	20.96	20.23	98	105	101	3.5
Toluene	1	0	20	59	139	21	22.73	0.00	23.73	22.31	114	119	112	6.2
Chlorobenzene	1	0	20	60	133	21	21.84	0.00	23.11	21.99	109	116	110	5

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M23132.D
Matrix: Methanol

Blank Analysis Date: 06/07/06 10:57
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23854-002	3M23139.D	06/07/06 13:52

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M23264.D
Matrix: Methanol

Blank Analysis Date: 06/12/06 10:25
Blank Extraction Date: NA
(If Applicable)

Sample Number	Data File	Analysis Date
AC23851-007(MS	3M23290.D	06/12/06 21:07
AC23851-007(MS)	3M23289.D	06/12/06 20:42
MBS3610	3M23286.D	06/12/06 19:26

Form 5

Tune Name: BFB TUNE **Data File:** 3M22623.D
Instrument: GCMS_3 **Analysis Date:** 05/19/06 13:13

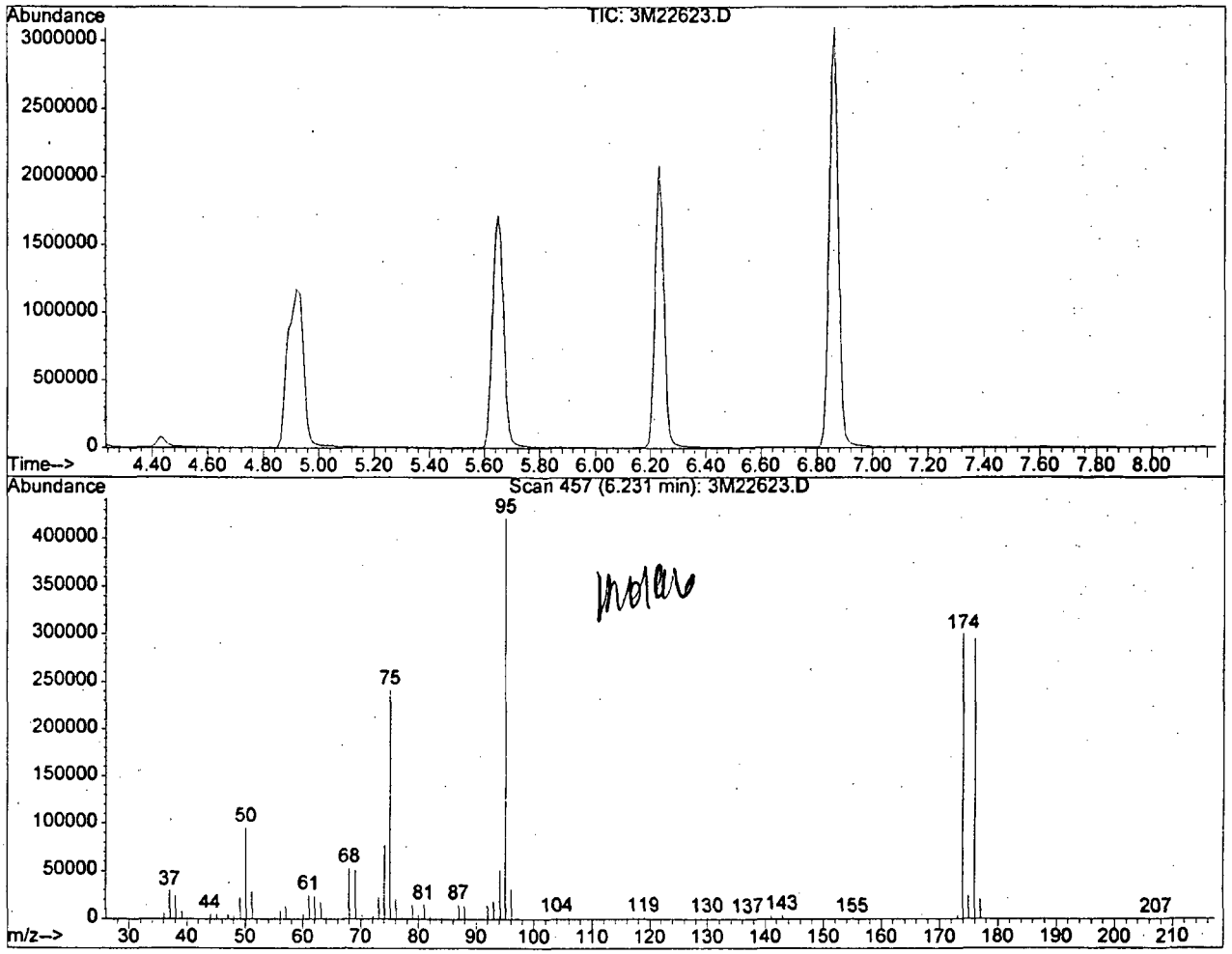
Tune Scan/Time Range: Scan 457

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.6	95192	PASS
75	95	30	60	57.2	241344	PASS
95	95	100	100	100.0	421760	PASS
96	95	5	9	7.5	31744	PASS
173	174	0.00	2	1.4	4166	PASS
174	95	50	100	71.1	299712	PASS
175	174	5	9	8.0	24032	PASS
176	174	95	101	98.5	295360	PASS
177	176	5	9	6.9	20512	PASS

Data File	Sample Number	Analysis Date:
3M22624.D	CAL @ 20 PPB	05/19/06 13:28
3M22625.D	CAL @ 500 PPB	05/19/06 13:57
3M22626.D	CAL @ 100 PPB	05/19/06 14:20
3M22627.D	CAL @ 50 PPB	05/19/06 14:44
3M22628.D	CAL @ 20 PPB	05/19/06 15:07
3M22629.D	CAL @ 10 PPB	05/19/06 15:30
3M22630.D	CAL @ 5 PPB	05/19/06 15:53
3M22631.D	CAL @ 1 PPB	05/19/06 16:17
3M22632.D	DAILY BLANK	05/19/06 16:40
3M22633.D	DAILY BLANK	05/19/06 17:03
3M22634.D	AC23386-001	05/19/06 17:26
3M22635.D	MBS3532	05/19/06 17:49
3M22636.D	AC23486-013(200	05/19/06 18:12
3M22637.D	AC23486-014(200	05/19/06 18:35
3M22638.D	AC23462-014	05/19/06 18:59
3M22639.D	AC23553-010	05/19/06 19:22
3M22640.D	AC23553-011	05/19/06 19:45
3M22641.D	AC23486-010	05/19/06 20:08
3M22642.D	AC23486-016	05/19/06 20:31
3M22643.D	AC23486-017	05/19/06 20:54
3M22644.D	AC23553-001	05/19/06 21:17
3M22645.D	AC23553-007	05/19/06 21:40
3M22646.D	AC23553-008	05/19/06 22:03
3M22647.D	AC23553-002(50X)	05/19/06 22:29
3M22648.D	AC23553-003(50X)	05/19/06 22:55
3M22649.D	AC23553-004(100	05/19/06 23:20
3M22650.D	AC23553-005(100	05/19/06 23:46
3M22651.D	AC23553-006(100	05/20/06 00:11
3M22652.D	AC23553-009(100	05/20/06 00:37
3M22653.D	AC23504-007(200	05/20/06 01:00
3M22654.D	MBS3533	05/20/06 01:23
3M22655.D	AC23528-001(MS)	05/20/06 01:46
3M22656.D	AC23528-001(MS	05/20/06 02:09
3M22657.D	AC23541-001	05/20/06 02:32
3M22658.D	AC23541-002	05/20/06 02:55
3M22659.D	AC23543-001	05/20/06 03:18
3M22660.D	AC23543-002	05/20/06 03:41
3M22661.D	AC23544-002	05/20/06 04:04
3M22662.D	AC23544-003	05/20/06 04:27
3M22663.D	AC23545-003	05/20/06 04:50
3M22664.D	AC23541-003	05/20/06 05:14
3M22665.D	AC23541-004	05/20/06 05:37
3M22666.D	AC23541-005	05/20/06 06:00
3M22667.D	AC23541-006	05/20/06 06:22
3M22668.D	AC23541-007	05/20/06 06:45
3M22669.D	AC23541-008	05/20/06 07:08
3M22670.D	AC23541-009	05/20/06 07:31
3M22671.D	AC23541-010	05/20/06 07:55
3M22672.D	AC23541-011	05/20/06 08:18
3M22673.D	AC23526-002	05/20/06 08:42
3M22674.D	AC23526-003	05/20/06 09:06
3M22675.D	BLK	05/22/06 06:34
3M22676.D	BLK	05/22/06 06:58

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\05-19-06\3M22623.D Vial: 1
Acq On : 19 May 2006 13:13 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0502.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Scan 457

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	95192	PASS
75	95	30	60	57.2	241344	PASS
95	95	100	100	100.0	421760	PASS
96	95	5	9	7.5	31744	PASS
173	174	0.00	2	1.4	4166	PASS
174	95	50	100	71.1	299712	PASS
175	174	5	9	8.0	24032	PASS
176	174	95	101	98.5	295360	PASS
177	176	5	9	6.9	20512	PASS

3M22623.D 3M_A0502.M Mon Jun 19 14:46:52 2006 RPT1

Form 5

Tune Name: BFB TUNE **Data File:** 3M23129.D
Instrument: GCMS_3 **Analysis Date:** 06/07/06 09:48

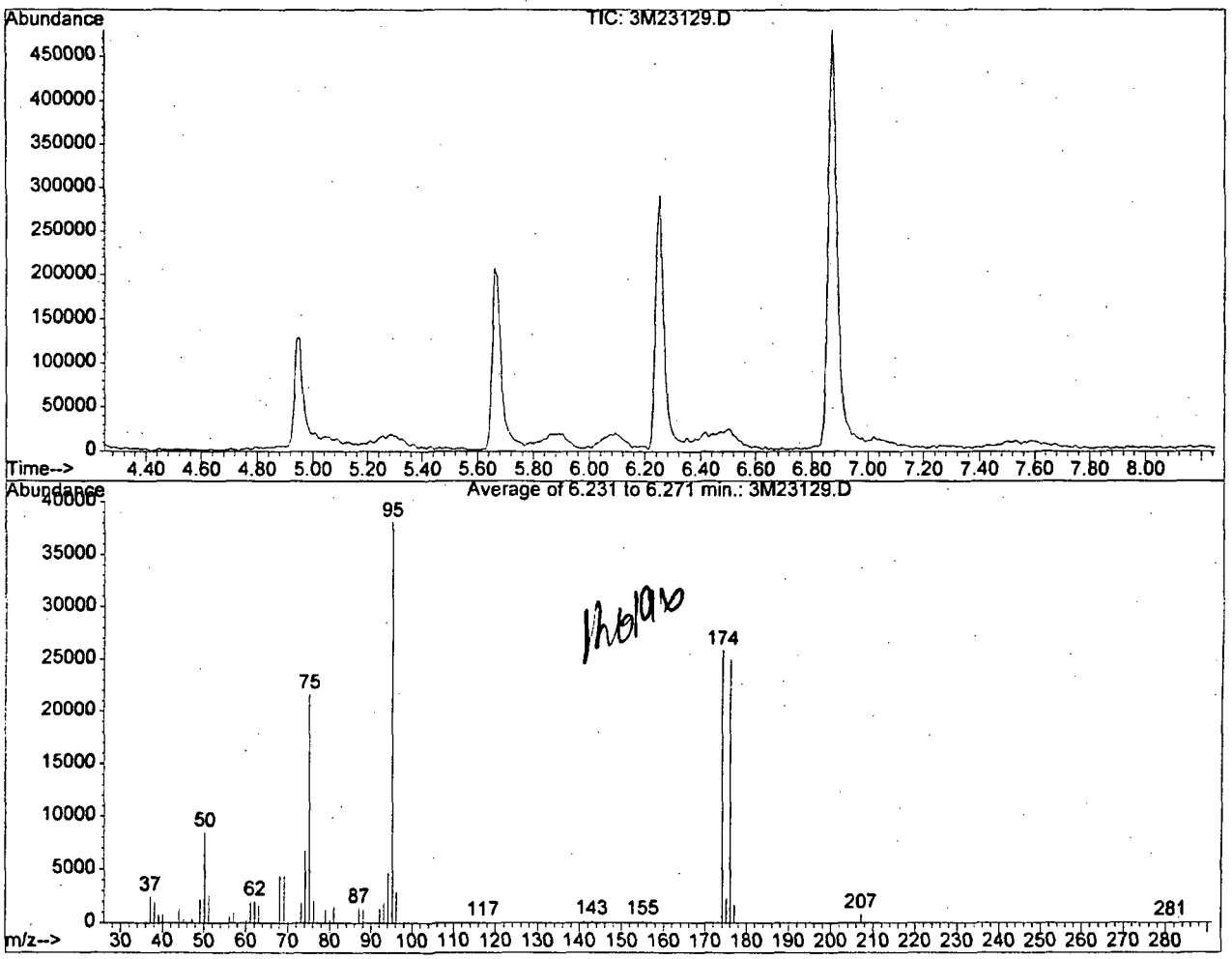
Tune Scan/Time Range: Average of 6.231 to 6.271 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.4	8527	PASS
75	95	30	60	57.0	21723	PASS
95	95	100	100	100.0	38131	PASS
96	95	5	9	7.7	2928	PASS
173	174	0.00	2	0.5	134	PASS
174	95	50	100	67.9	25880	PASS
175	174	5	9	8.9	2313	PASS
176	174	95	101	96.8	25040	PASS
177	176	5	9	7.0	1753	PASS

Data File	Sample Number	Analysis Date:
3M23130.D	CAL @ 20 PPB	06/07/06 10:04
3M23131.D	DAILY BLANK	06/07/06 10:32
3M23132.D	DAILY BLANK	06/07/06 10:57
3M23133.D	AC23842-001(T)	06/07/06 11:22
3M23134.D	AC23846-010(T)	06/07/06 11:46
3M23135.D	EF-1V14191(0607	06/07/06 12:11
3M23136.D	MBS3596	06/07/06 12:35
3M23137.D	AC23846-007	06/07/06 13:00
3M23138.D	AC23846-017	06/07/06 13:27
3M23139.D	AC23854-002	06/07/06 13:52
3M23140.D	AC23753-011	06/07/06 14:16
3M23141.D	AC23792-004(80u	06/07/06 14:41
3M23142.D	AC23851-001	06/07/06 15:06
3M23143.D	AC23846-010(T:M	06/07/06 15:30
3M23144.D	AC23846-010(T:M	06/07/06 15:55
3M23145.D	AC23851-011	06/07/06 16:20
3M23146.D	AC23867-003	06/07/06 16:49
3M23147.D	AC23851-002	06/07/06 17:14
3M23148.D	AC23851-003	06/07/06 17:39
3M23149.D	AC23851-004	06/07/06 18:03
3M23150.D	AC23851-007	06/07/06 18:28
3M23151.D	AC23851-008	06/07/06 18:52
3M23152.D	AC23851-010	06/07/06 19:17
3M23153.D	AC23851-009	06/07/06 19:42
3M23154.D	AC23851-005	06/07/06 20:06
3M23155.D	AC23851-006	06/07/06 20:31
3M23156.D	AC23849-015	06/07/06 20:56
3M23157.D	AC23849-004	06/07/06 21:21
3M23158.D	AC23849-002	06/07/06 21:46
3M23159.D	BLK	06/07/06 22:11
3M23160.D	BLK	06/07/06 22:35
3M23161.D	BLK	06/07/06 23:00
3M23162.D	BLK	06/07/06 23:25
3M23163.D	MBS3598	06/07/06 23:50
3M23164.D	AC23819-001(MS)	06/08/06 00:15
3M23165.D	AC23819-001(MS	06/08/06 00:39
3M23166.D	AC23871-001	06/08/06 01:04
3M23167.D	AC23871-002	06/08/06 01:29
3M23168.D	AC23872-001	06/08/06 01:53
3M23169.D	AC23872-002	06/08/06 02:18
3M23170.D	AC23873-003	06/08/06 02:43
3M23171.D	AC23873-004	06/08/06 03:08
3M23172.D	AC23874-001	06/08/06 03:32
3M23173.D	AC23874-003	06/08/06 03:57
3M23174.D	AC23876-015	06/08/06 04:22
3M23175.D	AC23859-001	06/08/06 06:48
3M23176.D	AC23855-003	06/08/06 07:13
3M23177.D	AC23871-003	06/08/06 07:37
3M23178.D	AC23872-003	06/08/06 08:02
3M23179.D	AC23872-004	06/08/06 08:27
3M23180.D	BLK	06/08/06 08:51
3M23181.D	BLK(06/08/06)	06/08/06 09:35

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-07-06\3M23129.D Vial: 1
Acq On : 7 Jun 2006 9:48 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Average of 6.231 to 6.271 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	8527	PASS
75	95	30	60	57.0	21723	PASS
95	95	100	100	100.0	38131	PASS
96	95	5	9	7.7	2928	PASS
173	174	0.00	2	0.5	134	PASS
174	95	50	100	67.9	25880	PASS
175	174	5	9	8.9	2313	PASS
176	174	95	101	96.8	25040	PASS
177	176	5	9	7.0	1753	PASS

3M23129.D 3M_A0519.M Mon Jun 19 14:46:53 2006 RPT1

Form 5

Tune Name: BFB TUNE **Data File:** 3M23261.D
Instrument: GCMS_3 **Analysis Date:** 06/12/06 09:15

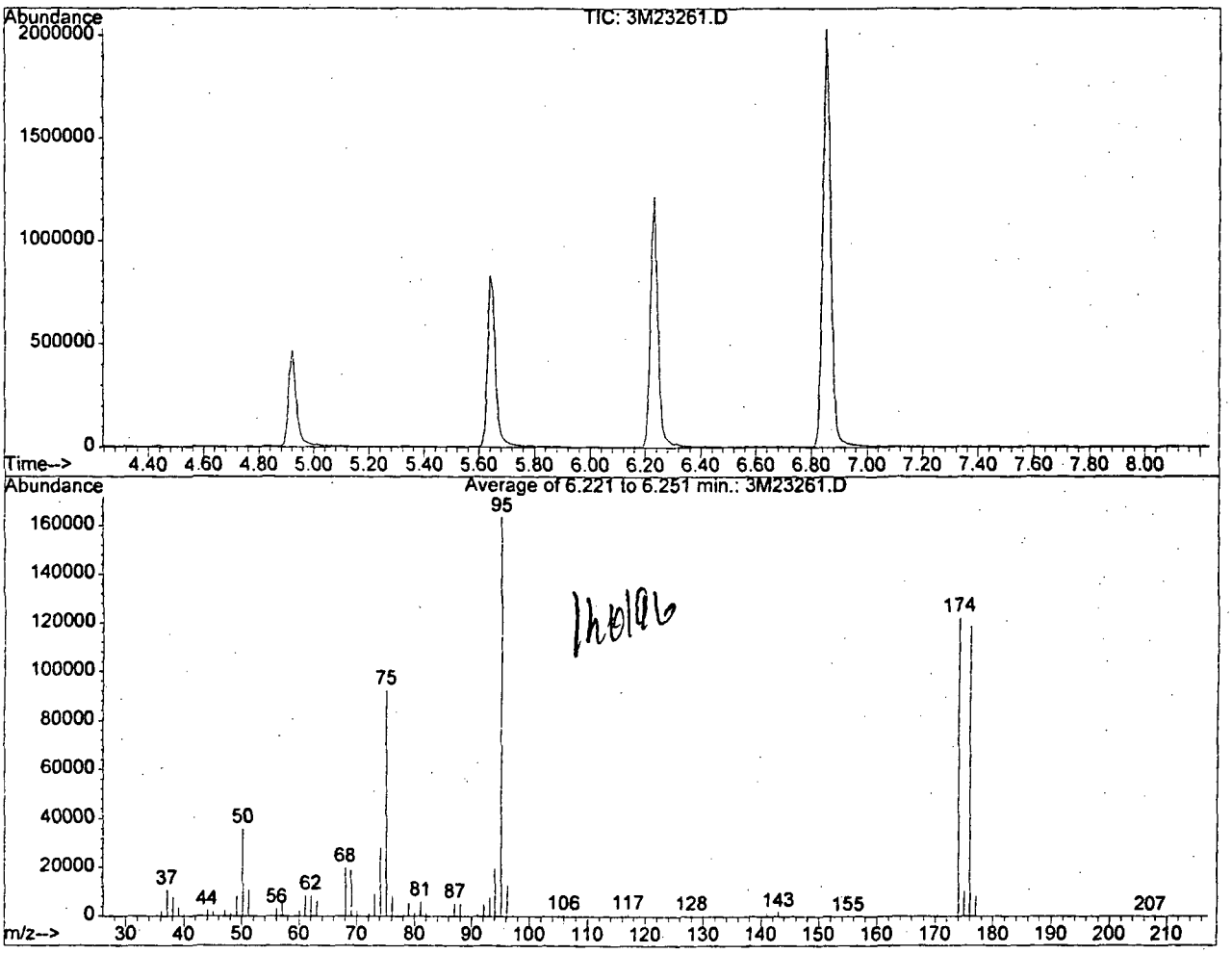
Tune Scan/Time Range: Average of 6.221 to 6.251 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.0	36063	PASS
75	95	30	60	56.4	92360	PASS
95	95	100	100	100.0	163724	PASS
96	95	5	9	7.8	12755	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.6	122154	PASS
175	174	5	9	8.2	10074	PASS
176	174	95	101	97.3	118850	PASS
177	176	5	9	7.1	8394	PASS

Data File	Sample Number	Analysis Date:
3M23262.D	CAL @ 20 PPB	06/12/06 09:32
3M23263.D	BLK	06/12/06 10:00
3M23264.D	DAILY BLANK	06/12/06 10:25
3M23265.D	DAILY BLANK	06/12/06 10:49
3M23266.D	AC23868-008	06/12/06 11:13
3M23267.D	AC23904-018	06/12/06 11:38
3M23268.D	AC23923-009	06/12/06 12:03
3M23269.D	AC23904-003	06/12/06 12:27
3M23270.D	AC23904-004	06/12/06 12:52
3M23271.D	AC23904-005	06/12/06 13:16
3M23272.D	AC23904-006	06/12/06 13:41
3M23273.D	AC23904-007	06/12/06 14:06
3M23274.D	AC23904-008	06/12/06 14:31
3M23275.D	AC23904-009	06/12/06 14:55
3M23276.D	AC23904-010	06/12/06 15:20
3M23277.D	AC23904-011	06/12/06 15:44
3M23278.D	AC23904-012	06/12/06 16:09
3M23279.D	AC23904-013	06/12/06 16:34
3M23280.D	AC23904-014	06/12/06 16:58
3M23281.D	AC23904-015	06/12/06 17:23
3M23282.D	AC23904-016	06/12/06 17:48
3M23283.D	AC23904-017	06/12/06 18:12
3M23284.D	AC23868-003	06/12/06 18:37
3M23285.D	AC23868-004(200	06/12/06 19:02
3M23286.D	MBS3610	06/12/06 19:26
3M23287.D	AC23924-005(20X)	06/12/06 19:52
3M23288.D	AC23924-007(20X)	06/12/06 20:18
3M23289.D	AC23851-007(MS)	06/12/06 20:42
3M23290.D	AC23851-007(MS	06/12/06 21:07
3M23291.D	BLK	06/12/06 21:32
3M23292.D	MBS3611	06/12/06 21:56
3M23293.D	AC23909-007(MS)	06/12/06 22:21
3M23294.D	AC23901-004	06/12/06 22:46
3M23295.D	AC23905-007	06/12/06 23:11
3M23296.D	AC23916-002	06/12/06 23:36
3M23297.D	AC23916-003	06/12/06 00:00
3M23298.D	AC23957-001	06/13/06 00:25
3M23299.D	AC23957-002	06/13/06 00:49
3M23300.D	AC23876-009	06/13/06 01:14
3M23301.D	AC23897-006	06/13/06 01:39
3M23302.D	AC23873-002	06/13/06 02:04
3M23303.D	AC23909-005(10X)	06/13/06 02:30
3M23304.D	BLK	06/13/06 02:54
3M23305.D	AC23901-001	06/13/06 03:19
3M23306.D	AC23901-002	06/13/06 03:43
3M23307.D	AC23901-003	06/13/06 04:08
3M23308.D	AC23905-003	06/13/06 04:33
3M23309.D	AC23905-005	06/13/06 04:57
3M23310.D	AC23916-001	06/13/06 05:22
3M23311.D	AC23905-001	06/13/06 05:47
3M23312.D	AC23913-005	06/13/06 06:11
3M23313.D	AC23910-003	06/13/06 06:36
3M23314.D	AC23902-003	06/13/06 07:00
3M23315.D	AC23957-003	06/13/06 07:25
3M23316.D	AC23957-004	06/13/06 07:49
3M23317.D	AC23910-002	06/13/06 09:33
3M23318.D	BLK	06/13/06 09:57
3M23319.D	BLK	06/13/06 10:21

CLPBFB

Data File : G:\GcMsData\2006\GCMS_3\DATA\06-12-06\3M23261.D Vial: 1
Acq On : 12 Jun 2006 9:15 Operator: DB
Sample : BFB TUNE Inst : GCMS_3
Misc : A,5ML Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_3\METHODS\3M_A0519.M (RTE Integrator)
Title : @GCMS_3,ug,624,8260



Spectrum Information: Average of 6.221 to 6.251 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.0	36063	PASS
75	95	30	60	56.4	92360	PASS
95	95	100	100	100.0	163724	PASS
96	95	5	9	7.8	12755	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.6	122154	PASS
175	174	5	9	8.2	10074	PASS
176	174	95	101	97.3	118850	PASS
177	176	5	9	7.1	8394	PASS

3M23261.D 3M_A0519.M Mon Jun 19 14:46:55 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M22628.	CAL @ 20 PPB	05/19/06 15:07	2	3M22630.	CAL @ 5 PPB	05/19/06 15:53
3	3M22629.	CAL @ 10 PPB	05/19/06 15:30	4	3M22627.	CAL @ 50 PPB	05/19/06 14:44
5	3M22626.	CAL @ 100 PPB	05/19/06 14:20	6	3M22625.	CAL @ 500 PPB	05/19/06 13:57
7	3M22631.	CAL @ 1 PPB	05/19/06 16:17				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Dichlorodifluoromethane	1	0	Avg	0.5686	0.5598	0.5675	0.5809	0.6039	0.5201	----	----	0.567	1.61	0.999	1.00	4.9	20.00	5.00	10.00	50.00	100.0	500.0		
Chloromethane	1	0	Avg	0.4011	0.4059	0.3823	0.3931	0.3934	0.3725	----	----	0.391	1.83	1.00	1.00	3.1**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromomethane	1	0	Avg	0.3019	0.2741	0.2841	0.2906	0.2894	----	----	----	0.288	2.23	1.00	1.00	3.5	20.00	5.00	10.00	50.00	100.0			
Vinyl Chloride	1	0	Avg	0.3965	0.3935	0.4055	0.4023	0.4024	0.3575	----	----	0.393	1.89	0.999	1.00	4.6*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroethane	1	0	Avg	0.2381	0.2252	0.2267	0.2417	0.2503	0.1730	----	----	0.226	2.33	0.992	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.5202	0.4946	0.5091	0.5273	0.5542	0.4408	----	----	0.508	2.63	0.997	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
Methylene Chloride	1	0	Avg	0.3224	0.3133	0.3087	0.3061	0.3320	0.2729	----	----	0.309	3.88	0.998	1.00	6.5	20.00	5.00	10.00	50.00	100.0	500.0		
Acrolein	1	0	LinF	0.0285	0.0182	0.0240	0.0318	0.0404	0.0394	----	----	0.0304	3.12	1.00	1.00	29	100.0	25.00	50.00	250.0	500.0	2500.		
Acrylonitrile	1	0	Avg	0.1149	0.1247	0.1221	0.1394	0.1489	0.1049	----	----	0.126	4.27	0.993	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
Iodomethane	1	0	Avg	0.4751	0.4047	0.4241	0.4731	0.5244	0.4189	----	----	0.453	3.41	0.997	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
Acetone	1	0	Avg	0.1273	0.1141	0.1169	0.1190	0.1294	0.0988	----	----	0.118	3.31	0.996	1.00	9.3	100.0	25.00	50.00	250.0	500.0	2500.		
Carbon Disulfide	1	0	Avg	0.9561	0.8527	0.8571	0.9389	1.0225	0.8528	----	----	0.913	3.50	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0311	0.0240	0.0264	0.0315	0.0331	0.0265	----	----	0.0288	4.17	0.997	1.00	13	100.0	25.00	50.00	250.0	500.0	2500.		
Di-isopropyl-ether	1	0	Avg	1.4700	1.2905	1.3629	1.3962	1.4616	1.1514	----	----	1.36	5.11	0.997	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethene	1	0	Avg	0.4478	0.4208	0.4116	0.4317	0.4721	0.3822	----	----	0.428	3.24	0.998	1.00	7.2*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Methyl-t-butyl ether	1	0	Avg	1.0175	0.8930	0.9413	1.0060	1.0782	0.8669	1.0087	----	0.973	4.35	0.998	1.00	7.7	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
N-Hexane	1	0	Avg	0.2870	0.2315	0.2498	0.2758	0.2940	0.2518	----	----	0.265	4.74	0.999	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,1-Dichloroethane	1	0	Avg	0.6582	0.5876	0.6056	0.6218	0.6505	0.5433	----	----	0.611	4.92	0.999	1.00	7.0**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,2-Dichloroethene	1	0	Avg	0.2750	0.2370	0.2518	0.2710	0.2977	0.2435	----	----	0.263	4.31	0.998	1.00	8.7	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,2-Dichloroethene	1	0	Avg	0.6026	0.5343	0.5585	0.5704	0.6149	0.4991	----	----	0.563	5.78	0.998	1.00	7.6	20.00	5.00	10.00	50.00	100.0	500.0		
Bromochloromethane	1	0	Avg	0.3404	0.3114	0.3212	0.3152	0.3361	0.2802	----	----	0.317	6.11	0.999	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
2,2-Dichloropropane	1	0	Avg	0.4613	0.3824	0.4101	0.4459	0.4918	0.4225	----	----	0.436	5.77	0.999	1.00	8.9	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dioxane	1	0	LinF	0.0037	0.0024	0.0028	0.0038	0.0041	0.0032	----	----	0.00337	8.03	0.997	1.00	19	1000.	250.0	500.0	2500.	5000.	25000		
1,1-Dichloropropene	1	0	Avg	0.4786	0.4195	0.4364	0.4470	0.4843	0.3843	----	----	0.442	6.68	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Chloroform	1	0	Avg	0.6661	0.6206	0.6148	0.6247	0.6776	0.5756	----	----	0.630	6.24	0.999	1.00	5.9*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromofluoromethane	1	0	Avg	0.3257	0.3237	0.3235	0.3193	0.3213	0.3235	0.3325	----	0.324	6.46	-1	-1	1.3	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane-d4	1	0	Avg	0.2061	0.2174	0.2143	0.2045	0.2108	0.2071	0.2173	----	0.211	6.86	-1	-1	2.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
1,2-Dichloroethane	1	0	Avg	0.5844	0.5526	0.5626	0.5581	0.5997	0.4899	----	----	0.558	6.95	0.998	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
2-Butanone	1	0	Avg	0.1731	0.1246	0.1861	0.1765	0.1986	0.1810	----	----	0.173	5.84	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,1-Trichloroethane	1	0	Avg	0.4900	0.4456	0.4661	0.4629	0.5145	0.4457	----	----	0.471	6.48	0.999	1.00	5.7	20.00	5.00	10.00	50.00	100.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.3945	0.3414	0.3598	0.3687	0.4088	0.3527	----	----	0.371	6.68	0.999	1.00	6.9	20.00	5.00	10.00	50.00	100.0	500.0		
Vinyl Acetate	1	0	LinF	0.5048	0.3251	0.3279	0.5832	0.7157	0.6909	----	----	0.525	5.05	1.00	1.00	33	20.00	5.00	10.00	50.00	100.0	500.0		
Bromodichloromethane	1	0	Avg	0.4724	0.4030	0.4190	0.4581	0.5032	0.4241	----	----	0.447	8.15	0.999	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
Dibromomethane	1	0	Avg	0.2274	0.1915	0.2124	0.2244	0.2436	0.2006	----	----	0.217	7.99	0.998	1.00	8.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichloropropane	1	0	Avg	0.3463	0.3123	0.3183	0.3349	0.3562	0.2999	----	----	0.328	7.88	0.999	1.00	6.6*(30)	20.00	5.00	10.00	50.00	100.0	500.0		
Trichloroethene	1	0	Avg	0.3070	0.2731	0.2757	0.3179	0.3420	0.2718	----	----	0.298	7.66	0.997	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Benzene	1	0	Avg	1.2132	1.0995	1.1637	1.1407	1.2100	0.9520	1.0668	----	1.12	6.93	0.997	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Dibromochloromethane	1	0	Avg	0.4699	0.3820	0.4043	0.4644	0.5049	0.4444	----	----	0.445	9.59	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chloroethylvinylether	1	0	LinF	0.3217	0.1854	0.2698	0.3386	0.3774	0.3243	----	----	0.303	8.45	0.999	1.00	22	20.00	5.00	10.00	50.00	100.0	500.0		
cis-1,3-Dichloropropene	1	0	Avg	0.7105	0.5715	0.6364	0.7325	0.8043	0.6896	----	----	0.691	8.58	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0		
trans-1,3-Dichloropropene	1	0	Avg	0.6526	0.4775	0.5676	0.6834	0.7463	0.6730	----	----	0.633	9.08	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0		
1,1,2-Trichloroethane	1	0	Avg	0.4230	0.3597	0.3872	0.4005	0.4279	0.3487	----	----	0.391	9.24	0.998	1.00	8.3	20.00	5.00	10.00	50.00	100.0	500.0		

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.6

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M22628.	CAL @ 20 PPB	05/19/06 15:07	2	3M22630.	CAL @ 5 PPB	05/19/06 15:53
3	3M22629.	CAL @ 10 PPB	05/19/06 15:30	4	3M22627.	CAL @ 50 PPB	05/19/06 14:44
5	3M22626.	CAL @ 100 PPB	05/19/06 14:20	6	3M22625.	CAL @ 500 PPB	05/19/06 13:57
7	3M22631.	CAL @ 1 PPB	05/19/06 16:17				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1,2-Dibromoethane	1	0	Avg	0.4599	0.3797	0.4242	0.4548	0.4910	0.4126	----	----	0.437	9.69	0.999	1.00	9.0	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichloropropane	1	0	Avg	0.8104	0.7149	0.7655	0.7906	0.8107	0.6099	----	----	0.750	9.38	0.996	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
4-Methyl-2-Pentanone	1	0	Avg	0.5799	0.4462	0.5101	0.5849	0.6423	0.5121	----	----	0.546	8.72	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0		
2-Hexanone	1	0	LinF	0.3426	----	0.2737	0.4111	0.4434	0.3494	----	----	0.364	9.45	0.997	1.00	18	20.00		10.00	50.00	100.0	500.0		
Tetrachloroethene	1	0	Avg	0.2988	0.2603	0.2827	0.2917	0.3037	0.2331	----	----	0.278	9.38	0.996	1.00	9.7	20.00	5.00	10.00	50.00	100.0	500.0		
Toluene-d8	1	0	Avg	0.9035	0.9093	0.8925	0.9264	0.9069	0.9107	0.8558	----	0.901	8.83	-1	-1	2.5	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Toluene	1	0	Avg	1.0027	0.9194	0.9686	0.9734	1.0422	0.8305	0.7335	----	0.924	8.89	0.997	1.00	12*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,1,2-Tetrachloroethane	1	0	Avg	0.3792	0.3250	0.3586	0.3684	0.3953	0.3248	----	----	0.359	10.15	0.998	1.00	8.0	20.00	5.00	10.00	50.00	100.0	500.0		
Chlorobenzene	1	0	Avg	1.0643	0.9883	1.0115	0.9858	1.0732	0.8641	----	----	0.998	10.09	0.998	1.00	7.6**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromoform	1	0	Avg	0.5684	0.4426	0.5088	0.5811	0.6785	0.6446	----	----	0.571	10.75	1.00	1.00	15**(0.100)	20.00	5.00	10.00	50.00	100.0	500.0		
Ethylbenzene	1	0	Avg	0.5007	0.4253	0.4824	0.4863	0.5534	0.4876	0.2769	----	0.459	10.17	0.999	1.00	19*(30)	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,1,2,2-Tetrachloroethane	1	0	Avg	1.1394	1.0489	1.0834	1.0770	1.1825	1.0223	----	----	1.09	11.08	0.999	1.00	5.4**(0.300)	20.00	5.00	10.00	50.00	100.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8336	0.8339	0.8152	0.8308	0.8615	0.9489	0.8235	----	0.850	11.00	-1	-1	5.4	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
Styrene	1	0	Avg	2.1356	1.8018	1.9234	2.0515	2.2719	1.9784	----	----	2.03	10.59	0.999	1.00	8.1	20.00	5.00	10.00	50.00	100.0	500.0		
m&p-Xylenes	1	0	LinF	1.2879	1.1076	1.1966	1.1773	1.2766	1.0902	0.7321	----	1.12	10.27	0.999	1.00	17	40.00	10.00	20.00	100.0	200.0	1000.	2.00	
o-Xylene	1	0	Avg	1.2665	1.0848	1.1274	1.1660	1.2907	1.1203	0.7798	----	1.12	10.58	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
trans-1,4-Dichloro-2-buten	1	0	LinF	0.4063	0.2594	0.3670	0.3997	0.4282	0.3922	----	----	0.375	11.22	1.00	1.00	16	20.00	5.00	10.00	50.00	100.0	500.0		
1,3-Dichlorobenzene	1	0	Avg	1.3284	1.2406	1.3074	1.3413	1.3862	1.0907	----	----	1.28	11.82	0.997	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
1,4-Dichlorobenzene	1	0	Avg	1.4459	1.3418	1.2967	1.2875	1.4658	1.1893	----	----	1.34	11.89	0.998	1.00	7.8	20.00	5.00	10.00	50.00	100.0	500.0		
1,2-Dichlorobenzene	1	0	Avg	1.3345	1.2700	1.2575	1.2894	1.4201	1.1558	----	----	1.29	12.18	0.998	1.00	6.8	20.00	5.00	10.00	50.00	100.0	500.0		
Isopropylbenzene	1	0	Avg	3.0489	2.5188	2.7773	2.8266	3.1794	2.7983	2.1724	----	2.76	10.87	0.999	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,3-Trichloropropane	1	0	Avg	1.4720	1.2426	1.3331	1.3958	1.5435	1.2933	----	----	1.38	11.11	0.998	1.00	8.2	20.00	5.00	10.00	50.00	100.0	500.0		
2-Chlorotoluene	1	0	Avg	1.2276	1.0926	1.2120	1.1517	1.2633	1.0526	----	----	1.17	11.26	0.998	1.00	7.0	20.00	5.00	10.00	50.00	100.0	500.0		
4-Chlorotoluene	1	0	Avg	1.3179	1.0017	1.1772	1.2528	1.3265	1.1370	----	----	1.20	11.34	0.999	1.00	10	20.00	5.00	10.00	50.00	100.0	500.0		
n-Propylbenzene	1	0	Avg	3.6996	3.2384	3.3971	3.4408	3.7704	3.2275	2.8610	----	3.38	11.18	0.999	1.00	9.1	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.2590	2.0187	2.1241	2.0622	2.1111	1.7367	----	----	2.05	11.12	0.998	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0		
1,3,5-Trimethylbenzene	1	0	Avg	2.5808	2.3247	2.4261	2.4007	2.6868	2.1508	2.1492	----	2.39	11.30	0.998	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	2.1033	1.7414	1.9071	1.9846	2.2622	1.8577	1.4965	----	1.91	11.56	0.998	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2,4-Trimethylbenzene	1	0	Avg	2.6917	2.3977	2.5023	2.5214	2.7611	2.2016	2.2509	----	2.48	11.59	0.997	1.00	8.5	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.5079	2.2675	2.3655	2.3616	2.6977	2.1664	2.0504	----	2.35	11.72	0.998	1.00	9.2	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	2.1101	1.8357	1.9704	2.0600	2.2508	1.7710	1.5409	----	1.93	11.81	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.9577	1.6994	1.8248	1.8679	2.2009	1.7383	1.4589	----	1.82	12.12	0.997	1.00	13	20.00	5.00	10.00	50.00	100.0	500.0	1.00	
1,2-Dibromo-3-Chloroprop	1	0	LinF	0.1675	0.0833	0.1424	0.1833	0.2242	0.1955	----	----	0.166	12.79	0.999	1.00	29	20.00	5.00	10.00	50.00	100.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.3343	0.2959	0.2875	0.3014	0.3587	0.2382	----	----	0.303	13.69	0.990	0.999	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	0.7275	0.5908	0.5795	0.6722	0.8381	0.6343	----	----	0.674	13.55	0.996	0.999	14	20.00	5.00	10.00	50.00	100.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.7543	0.5868	0.6178	0.6889	0.8666	----	----	----	0.703	14.05	0.990	0.999	16	20.00	5.00	10.00	50.00	100.0			
Naphthalene	1	0	Avg	2.1434	1.6099	1.7571	2.1041	2.7581	1.8216	1.5095	----	1.96	13.80	0.989	0.998	22	20.00	5.00	10.00	50.00	100.0	500.0	1.00	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.6
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

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Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23130.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/7/2006 10:04:00 A **Method:** 8260

0045

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.28	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.63	16.42	20			0.567	0.465	17.90	
Chloromethane	1	0	CP	1.83	17.12	20	0.1		0.391	0.335	14.40	
Bromomethane	1	0		2.25	17.31	20			0.288	0.249	13.45	
Vinyl Chloride	1	0	CC	1.91	17.30	20	20		0.393	0.340	13.50	
Chloroethane	1	0		2.36	17.81	20			0.226	0.201	10.95	
Trichlorofluoromethane	1	0		2.64	16.17	20			0.508	0.411	19.15	
Methylene Chloride	1	0		3.93	19.64	20			0.309	0.304	1.80	
Acrolein	1	0		3.15	4.82	100			0.030	0.002	95.18	
Acrylonitrile	1	0		4.31	18.56	20			0.126	0.117	7.20	
Iodomethane	1	0		3.44	16.50	20			0.453	0.374	17.50	
Acetone	1	0		3.35	90.81	100			0.118	0.107	9.19	
Carbon Disulfide	1	0		3.54	15.61	20			0.913	0.713	21.95	
t-Butyl Alcohol	1	0		4.20	95.98	100			0.029	0.028	4.02	
Di-isopropyl-ether	1	0		5.14	16.39	20			1.355	1.111	18.05	
1,1-Dichloroethene	1	0	CC	3.26	16.85	20	20		0.428	0.360	15.75	
Methyl-t-butyl ether	1	0		4.39	19.25	20			0.973	0.936	3.75	
N-Hexane	1	0		4.77	16.67	20			0.265	0.221	16.65	
1,1-Dichloroethane	1	0	CP	4.96	16.98	20	0.1		0.611	0.519	15.10	
trans-1,2-Dichloroethene	1	0		4.34	16.61	20			0.263	0.218	16.95	
cis-1,2-Dichloroethene	1	0		5.81	18.23	20			0.563	0.513	8.85	
Bromochloromethane	1	0		6.14	17.24	20			0.317	0.274	13.80	
2,2-Dichloropropane	1	0		5.80	18.24	20			0.436	0.397	8.80	
1,4-Dioxane	1	0		8.06	052.97	1000			0.003	0.003	5.30	
1,1-Dichloropropene	1	0		6.71	17.81	20			0.442	0.393	10.95	
Chloroform	1	0	CC	6.27	18.69	20	20		0.630	0.589	6.55	
Dibromofluoromethane	1	0	S	6.48	28.91	30			0.324	0.313	3.63	
1,2-Dichloroethane-d4	1	0	S	6.88	29.20	30			0.211	0.205	2.67	
1,2-Dichloroethane	1	0		6.97	19.70	20			0.558	0.549	1.50	
2-Butanone	1	0		5.90	14.53	20			0.173	0.126	27.35	
1,1,1-Trichloroethane	1	0		6.50	18.06	20			0.471	0.425	9.70	
Carbon Tetrachloride	1	0		6.71	17.36	20			0.371	0.322	13.20	
Vinyl Acetate	1	0		5.13	31.87	20			0.525	1.100	59.35	
Bromodichloromethane	1	0		8.17	19.64	20			0.447	0.439	1.80	
Dibromomethane	1	0		8.01	19.57	20			0.217	0.212	2.15	
1,2-Dichloropropane	1	0	CC	7.89	20.02	20	20		0.328	0.328	0.10	
Trichloroethene	1	0		7.68	17.75	20			0.298	0.264	11.25	
Benzene	1	0		6.95	18.49	20			1.121	1.036	7.55	
Chlorobenzene-d5	1	0	I	10.08	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.60	18.53	20			0.445	0.412	7.35	
2-Chloroethylvinylether	1	0		8.47	15.69	20			0.303	0.256	21.55	
cis-1,3-Dichloropropene	1	0		8.60	17.88	20			0.691	0.618	10.60	
trans-1,3-Dichloropropene	1	0		9.10	18.23	20			0.633	0.577	8.85	
1,1,2-Trichloroethane	1	0		9.25	19.47	20			0.391	0.381	2.65	
1,2-Dibromoethane	1	0		9.70	19.26	20			0.437	0.421	3.70	
1,3-Dichloropropane	1	0		9.40	19.42	20			0.750	0.729	2.90	
4-Methyl-2-Pentanone	1	0		8.74	17.62	20			0.546	0.481	11.90	
2-Hexanone	1	0		9.47	16.48	20			0.364	0.291	17.60	
Tetrachloroethene	1	0		9.40	18.73	20			0.278	0.261	6.35	
Toluene-d8	1	0	S	8.85	28.75	30			0.901	0.863	4.17	
Toluene	1	0	CC	8.91	18.72	20	20		0.924	0.865	6.40	
1,1,1,2-Tetrachloroethane	1	0		10.17	18.44	20			0.359	0.331	7.80	
Chlorobenzene	1	0	CP	10.11	18.45	20	0.3		0.998	0.921	7.75	
1,4-Dichlorobenzene-d4	1	0	I	11.89	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.77	18.75	20	0.1		0.571	0.535	6.25	
Ethylbenzene	1	0	CC	10.19	20.72	20	20		0.459	0.475	3.60	
1,1,2,2-Tetrachloroethane	1	0	CP	11.09	18.80	20	0.3		1.092	1.027	6.00	
Bromofluorobenzene	1	0	S	11.01	30.97	30			0.850	0.877	3.23	
Styrene	1	0		10.60	19.48	20			2.027	1.975	2.60	
m&p-Xylenes	1	0		10.28	41.45	40			1.124	1.138	3.63	
o-Xylene	1	0		10.59	20.30	20			1.119	1.136	1.50	
trans-1,4-Dichloro-2-butene	1	0		11.14	18.79	20			0.375	0.370	6.05	
1,3-Dichlorobenzene	1	0		11.85	19.91	20			1.283	1.277	0.45	
1,4-Dichlorobenzene	1	0		11.90	18.54	20			1.338	1.240	7.30	
1,2-Dichlorobenzene	1	0		12.19	19.13	20			1.288	1.232	4.35	
Isopropylbenzene	1	0		10.88	19.63	20			2.760	2.710	1.85	
1,2,3-Trichloropropane	1	0		11.14	19.60	20			1.380	1.352	2.00	
2-Chlorotoluene	1	0		11.27	18.99	20			1.167	1.108	5.05	
4-Chlorotoluene	1	0		11.35	19.76	20			1.202	1.188	1.20	
n-Propylbenzene	1	0		11.20	18.99	20			3.376	3.205	5.05	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23130.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/7/2006 10:04:00 A **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		11.14	20.17	20			2.052	2.070	0.85	
1,3,5-Trimethylbenzene	1	0		11.31	19.55	20			2.388	2.335	2.25	
t-Butylbenzene	1	0		11.57	19.78	20			1.908	1.887	1.10	
1,2,4-Trimethylbenzene	1	0		11.60	19.16	20			2.475	2.371	4.20	
sec-Butylbenzene	1	0		11.73	18.53	20			2.345	2.173	7.35	
4-Isopropyltoluene	1	0		11.83	18.92	20			1.934	1.830	5.40	
n-Butylbenzene	1	0		12.13	18.58	20			1.821	1.692	7.10	
1,2-Dibromo-3-Chloropropane	1	0		12.80	15.65	20			0.166	0.154	21.75	
Hexachlorobutadiene	1	0		13.71	13.57	20			0.303	0.205	32.15	
1,2,4-Trichlorobenzene	1	0		13.57	16.50	20			0.674	0.556	17.50	
1,2,3-Trichlorobenzene	1	0		14.07	14.29	20			0.703	0.502	28.55	
Naphthalene	1	0		13.83	16.33	20			1.958	1.598	18.35	
1,2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23262.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/12/2006 9:32:00 A **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	7.26	30.00	30				0.000	0.00	
Dichlorodifluoromethane	1	0		1.62	19.57	20			0.567	0.555	2.15	
Chloromethane	1	0	CP	1.82	20.76	20	0.1		0.391	0.406	3.80	
Bromomethane	1	0		2.24	21.79	20			0.288	0.314	8.95	
Vinyl Chloride	1	0	CC	1.91	20.43	20	20		0.393	0.401	2.15	
Chloroethane	1	0		2.34	22.20	20			0.226	0.251	11.00	
Trichlorofluoromethane	1	0		2.62	21.12	20			0.508	0.536	5.60	
Methylene Chloride	1	0		3.90	21.47	20			0.309	0.332	7.35	
Acrolein	1	0		3.13	26.98	100			0.030	0.011	73.02	
Acrylonitrile	1	0		4.28	16.03	20			0.126	0.101	19.85	
Iodomethane	1	0		3.42	19.89	20			0.453	0.451	0.55	
Acetone	1	0		3.32	129.07	100			0.118	0.152	29.07	
Carbon Disulfide	1	0		3.51	18.08	20			0.913	0.826	9.60	
t-Butyl Alcohol	1	0		4.17	98.09	100			0.029	0.028	1.91	
Di-isopropyl-ether	1	0		5.11	19.27	20			1.355	1.306	3.65	
1,1-Dichloroethene	1	0	CC	3.25	18.68	20	20		0.428	0.400	6.60	
Methyl-t-butyl ether	1	0		4.36	20.35	20			0.973	0.990	1.75	
N-Hexane	1	0		4.75	19.60	20			0.265	0.260	2.00	
1,1-Dichloroethane	1	0	CP	4.93	19.54	20	0.1		0.611	0.597	2.30	
trans-1,2-Dichloroethene	1	0		4.32	20.14	20			0.263	0.265	0.70	
cis-1,2-Dichloroethene	1	0		5.79	20.53	20			0.563	0.578	2.65	
Bromochloromethane	1	0		6.11	19.85	20			0.317	0.315	0.75	
2,2-Dichloropropane	1	0		5.78	22.83	20			0.436	0.497	14.15	
1,4-Dioxane	1	0		8.04	043.64	1000			0.003	0.003	4.36	
1,1-Dichloropropene	1	0		6.69	20.06	20			0.442	0.443	0.30	
Chloroform	1	0	CC	6.25	21.36	20	20		0.630	0.673	6.80	
Dibromofluoromethane	1	0	S	6.46	31.11	30			0.324	0.336	3.70	
1,2-Dichloroethane-d4	1	0	S	6.86	30.30	30			0.211	0.213	1.00	
1,2-Dichloroethane	1	0		6.95	22.51	20			0.558	0.628	12.55	
2-Butanone	1	0		5.88	19.44	20			0.173	0.169	2.80	
1,1,1-Trichloroethane	1	0		6.48	21.45	20			0.471	0.505	7.25	
Carbon Tetrachloride	1	0		6.69	21.78	20			0.371	0.404	8.90	
Vinyl Acetate	1	0		5.07	11.59	20			0.525	0.400	42.05	
Bromodichloromethane	1	0		8.16	22.27	20			0.447	0.497	11.35	
Dibromomethane	1	0		8.00	22.41	20			0.217	0.243	12.05	
1,2-Dichloropropane	1	0	CC	7.87	22.73	20	20		0.328	0.373	13.65	
Trichloroethene	1	0		7.66	20.29	20			0.298	0.302	1.45	
Benzene	1	0		6.93	20.88	20			1.121	1.170	4.40	
Chlorobenzene-d5	1	0	I	10.07	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		9.59	19.65	20			0.445	0.437	1.75	
2-Chloroethylvinylether	1	0		8.46	14.00	20			0.303	0.229	30.00	
cis-1,3-Dichloropropene	1	0		8.58	18.80	20			0.691	0.649	6.00	
trans-1,3-Dichloropropene	1	0		9.09	18.34	20			0.633	0.581	8.30	
1,1,2-Trichloroethane	1	0		9.24	19.21	20			0.391	0.376	3.95	
1,2-Dibromoethane	1	0		9.69	19.10	20			0.437	0.417	4.50	
1,3-Dichloropropane	1	0		9.38	19.43	20			0.750	0.729	2.85	
4-Methyl-2-Pentanone	1	0		8.72	16.27	20			0.546	0.444	18.65	
2-Hexanone	1	0		9.46	18.89	20			0.364	0.334	5.55	
Tetrachloroethene	1	0		9.38	19.82	20			0.278	0.276	0.90	
Toluene-d8	1	0	S	8.83	27.91	30			0.901	0.838	6.97	
Toluene	1	0	CC	8.89	18.95	20	20		0.924	0.876	5.25	
1,1,1,2-Tetrachloroethane	1	0		10.15	20.39	20			0.359	0.366	1.95	
Chlorobenzene	1	0	CP	10.09	18.99	20	0.3		0.998	0.947	5.05	
1,4-Dichlorobenzene-d4	1	0	I	11.86	30.00	30				0.000	0.00	
Bromoform	1	0	CP	10.75	18.86	20	0.1		0.571	0.538	5.70	
Ethylbenzene	1	0	CC	10.17	19.03	20	20		0.459	0.437	4.85	
1,1,2,2-Tetrachloroethane	1	0	CP	11.08	17.38	20	0.3		1.092	0.949	13.10	
Bromofluorobenzene	1	0	S	11.00	30.20	30			0.850	0.855	0.67	
Styrene	1	0		10.59	18.25	20			2.027	1.850	8.75	
m&p-Xylenes	1	0		10.26	40.95	40			1.124	1.124	2.38	
o-Xylene	1	0		10.58	19.62	20			1.119	1.098	1.90	
trans-1,4-Dichloro-2-butene	1	0		11.12	18.63	20			0.375	0.367	6.85	
1,3-Dichlorobenzene	1	0		11.83	17.69	20			1.283	1.134	11.55	
1,4-Dichlorobenzene	1	0		11.88	18.56	20			1.338	1.241	7.20	
1,2-Dichlorobenzene	1	0		12.18	18.01	20			1.288	1.160	9.95	
Isopropylbenzene	1	0		10.86	18.66	20			2.760	2.575	6.70	
1,2,3-Trichloropropane	1	0		11.12	18.86	20			1.380	1.302	5.70	
2-Chlorotoluene	1	0		11.25	19.11	20			1.167	1.115	4.45	
4-Chlorotoluene	1	0		11.34	18.36	20			1.202	1.104	8.20	
n-Propylbenzene	1	0		11.18	18.18	20			3.376	3.069	9.10	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 3M23262.D **Instrument:** GCMS_3

Cont Calibration Date/Time 6/12/2006 9:32:00 A **Method:** 8260

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Bromobenzene	1	0		11.12	19.24	20			2.052	1.974	3.80	
1,3,5-Trimethylbenzene	1	0		11.30	18.71	20			2.388	2.234	6.45	
t-Butylbenzene	1	0		11.55	18.56	20			1.908	1.770	7.20	
1,2,4-Trimethylbenzene	1	0		11.59	18.60	20			2.475	2.303	7.00	
sec-Butylbenzene	1	0		11.72	17.80	20			2.345	2.087	11.00	
4-Isopropyltoluene	1	0		11.82	18.56	20			1.934	1.794	7.20	
n-Butylbenzene	1	0		12.12	18.06	20			1.821	1.645	9.70	
1,2-Dibromo-3-Chloropropane	1	0		12.79	14.52	20			0.166	0.143	27.40	
Hexachlorobutadiene	1	0		13.69	14.57	20			0.303	0.220	27.15	
1,2,4-Trichlorobenzene	1	0		13.55	15.97	20			0.674	0.538	20.15	
1,2,3-Trichlorobenzene	1	0		14.05	13.77	20			0.703	0.484	31.15	
Naphthalene	1	0		13.81	14.53	20			1.958	1.422	27.35	
1,2-Dioxane	1	1E		0.00	0.00	2000				0.000	100.00	
Chlorodifluoromethane	1	1E		0.00	0.00	20				0.000	100.00	
Freon 113	1	1E		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

0048

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M22628.D

Analysis Date/Time: 05/19/06 15:07

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	339768	7.30	240323	10.10	123045	11.91						
Eval File Area Limit:	169884-679536		120162-480646		61522-246090							
Eval File Rt Limit:	6.8-7.8		9.6-10.6		11.41-12.41							

Data File	Sample#						
3M22625	CAL @ 500 P	350127	7.30	237946	10.10	102719	11.91
3M22626	CAL @ 100 P	308842	7.30	215586	10.10	108174	11.91
3M22627	CAL @ 50 PP	337504	7.29	236953	10.10	122262	11.90
3M22628	CAL @ 20 PP	339768	7.30	240323	10.10	123045	11.91
3M22629	CAL @ 10 PP	345620	7.29	237795	10.10	123030	11.90
3M22630	CAL @ 5 PPB	335421	7.30	230608	10.10	117731	11.91
3M22631	CAL @ 1 PPB	309520	7.30	227910	10.10	110832	11.90
3M22632	DAILY BLANK	275941	7.29	192404	10.10	91617	11.90
3M22633	DAILY BLANK	269012	7.30	201001	10.10	102548	11.90
3M22634	AC23386-001	293151	7.30	213681	10.10	106725	11.90
3M22635	MBS3532	296585	7.30	215755	10.10	109166	11.90
3M22636	AC23486-013(	292371	7.30	213380	10.10	101547	11.90
3M22637	AC23486-014(	313448	7.30	220603	10.10	104636	11.90
3M22638	AC23462-014	296789	7.29	209269	10.10	104896	11.90
3M22639	AC23553-010	306269	7.30	218915	10.10	105633	11.90
3M22640	AC23553-011	303054	7.30	222991	10.10	105789	11.91
3M22641	AC23486-010	329212	7.30	249264	10.10	124247	11.91
3M22642	AC23486-016	328600	7.30	234183	10.10	116027	11.90
3M22643	AC23486-017	311578	7.30	227046	10.10	112079	11.90
3M22644	AC23553-001	299030	7.29	225781	10.10	108178	11.89
3M22645	AC23553-007	323343	7.29	233807	10.10	112282	11.89
3M22646	AC23553-008	311724	7.29	236896	10.10	116050	11.89
3M22647	AC23553-002(	299534	7.29	231884	10.10	111731	11.89
3M22648	AC23553-003(	334593	7.29	255744	10.10	126349	11.89
3M22649	AC23553-004(	324694	7.30	246920	10.09	115502	11.90
3M22650	AC23553-005(	324902	7.28	244727	10.10	120465	11.89
3M22651	AC23553-006(	284720	7.29	213127	10.10	98094	11.89
3M22652	AC23553-009(	283337	7.29	217355	10.09	105816	11.90
3M22653	AC23504-007(	318557	7.28	252651	10.10	135396	11.89
3M22654	MBS3533	328970	7.29	243283	10.10	119998	11.89
3M22655	AC23528-001(	344014	7.30	265385	10.09	129564	11.90
3M22656	AC23528-001(	317583	7.30	239505	10.10	120066	11.90
3M22675	BLK	444484	7.25	361463	10.06	176359	11.87
3M22676	BLK	400034	7.26	291259	10.07	145377	11.88

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M23130.D

Analysis Date/Time: 06/07/06 10:04

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	329011	7.28	245642	10.08	119285	11.89						
Eval File Area Limit:	164506-658022		122821-491284		59642-238570							
Eval File Rt Limit:	6.78-7.78		9.58-10.58		11.39-12.39							

Data File	Sample#						
3M23131	DAILY BLANK	334080	7.28	231277	10.09	118593	11.88
3M23132	DAILY BLANK	294865	7.28	231869	10.09	125541	11.89
3M23133	AC23842-001(	326708	7.29	242883	10.09	115517	11.89
3M23134	AC23846-010(	300629	7.29	231726	10.09	114982	11.90
3M23135	EF-1V14191(0	301034	7.29	242277	10.09	122275	11.89
3M23136	MBS3596	309680	7.28	234764	10.09	121844	11.89
3M23137	AC23846-007	279370	7.27	215665	10.09	118808	11.89
3M23138	AC23846-017	241841	7.27	187496	10.09	103790	11.89
3M23139	AC23854-002	291248	7.28	216136	10.09	112282	11.89
3M23140	AC23753-011	269901	7.28	205827	10.09	117459	11.90
3M23141	AC23792-004(	297714	7.29	237246	10.09	123274	11.89
3M23142	AC23851-001	258350	7.28	202441	10.09	106686	11.90
3M23143	AC23846-010(	314834	7.29	251845	10.09	126934	11.90
3M23144	AC23846-010(	310202	7.29	245605	10.09	122336	11.89
3M23145	AC23851-011	282550	7.29	208180	10.10	106852	11.90
3M23146	AC23867-003	280243	7.28	219128	10.10	109291	11.89
3M23147	AC23851-002	255324	7.29	200052	10.10	104914	11.90
3M23148	AC23851-003	278851	7.28	203908	10.10	108247	11.90
3M23149	AC23851-004	257949	7.29	205546	10.10	114695	11.90
3M23150	AC23851-007	257269	7.29	205584	10.10	111926	11.90
3M23151	AC23851-008	281391	7.29	218603	10.10	114233	11.90
3M23152	AC23851-010	269002	7.29	213371	10.10	113037	11.90
3M23153	AC23851-009	275572	7.29	211814	10.10	120318	11.89
3M23154	AC23851-005	277883	7.29	217281	10.10	121320	11.89
3M23155	AC23851-006	285988	7.29	216916	10.10	115666	11.90
3M23156	AC23849-015	265971	7.28	210914	10.09	115077	11.90
3M23157	AC23849-004	274784	7.29	209214	10.11	115412	11.91
3M23158	AC23849-002	282089	7.29	221071	10.09	114869	11.89
3M23159	BLK	257802	7.28	199350	10.09	107623	11.89
3M23160	BLK	299367	7.29	234110	10.09	131812	11.89
3M23161	BLK	292665	7.29	233902	10.09	130095	11.89
3M23162	BLK	310891	7.29	242078	10.09	127086	11.90
3M23163	MBS3598	288306	7.29	226003	10.09	124683	11.90
3M23164	AC23819-001(	300013	7.28	228024	10.09	122708	11.89
3M23165	AC23819-001(	300935	7.29	234823	10.09	123967	11.90
3M23180	BLK	278868	7.29	224309	10.09	114554	11.90
3M23181	BLK(06/08/06)	286923	7.28	230577	10.09	114994	11.89

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria.

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M23262.D

Analysis Date/Time: 06/12/06 09:32

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	297135	7.26	242173	10.07	127627	11.86						
Eval File Area Limit:	148568-594270		121086-484346		63814-255254							
Eval File Rt Limit:	6.76-7.76		9.57-10.57		11.36-12.36							

Data File	Sample#						
3M23263	BLK	277768	7.27	247643	10.07	129073	11.88
3M23264	DAILY BLANK	274986	7.26	229446	10.07	123772	11.88
3M23265	DAILY BLANK	272616	7.26	229678	10.08	122332	11.87
3M23266	AC23868-008	266326	7.26	219807	10.08	123976	11.89
3M23267	AC23904-018	266420	7.27	204317	10.08	114691	11.88
3M23268	AC23923-009	262292	7.27	218696	10.08	121936	11.89
3M23269	AC23904-003	251190	7.27	200927	10.08	110716	11.89
3M23270	AC23904-004	256185	7.27	213021	10.08	116164	11.89
3M23271	AC23904-005	247350	7.27	206587	10.08	117402	11.89
3M23272	AC23904-006	268472	7.27	210410	10.08	119843	11.88
3M23273	AC23904-007	250056	7.27	209183	10.08	114747	11.89
3M23274	AC23904-008	247386	7.27	193921	10.08	109184	11.89
3M23275	AC23904-009	246798	7.27	215467	10.09	124814	11.88
3M23276	AC23904-010	256729	7.28	218227	10.09	122203	11.88
3M23277	AC23904-011	253329	7.27	206534	10.09	116932	11.88
3M23278	AC23904-012	251032	7.27	205893	10.09	116596	11.88
3M23279	AC23904-013	223440	7.27	180930	10.09	109067	11.88
3M23280	AC23904-014	252261	7.26	214875	10.08	127666	11.88
3M23281	AC23904-015	241842	7.27	207638	10.09	116147	11.89
3M23282	AC23904-016	279741	7.27	194105	10.09	105383	11.88
3M23283	AC23904-017	277690	7.27	197173	10.09	107972	11.88
3M23284	AC23868-003	290408	7.27	209529	10.09	117134	11.88
3M23285	AC23868-004(	295577	7.28	214463	10.08	114147	11.89
3M23286	MBS3610	311396	7.27	214830	10.08	110852	11.89
3M23287	AC23924-005(	306091	7.28	226859	10.08	112396	11.88
3M23288	AC23924-007(	308690	7.28	220775	10.08	111096	11.89
3M23289	AC23851-007(	301121	7.27	210319	10.08	110206	11.89
3M23290	AC23851-007(	289279	7.27	209188	10.08	111015	11.89
3M23291	BLK	308723	7.28	215079	10.08	105396	11.89
3M23292	MBS3611	280313	7.28	202528	10.08	100963	11.88
3M23293	AC23909-007(	280826	7.28	201698	10.08	102601	11.88
3M23304	BLK	309297	7.28	216809	10.08	108305	11.89
3M23318	BLK	325323	7.26	221849	10.07	107368	11.88
3M23319	BLK	305557	7.27	210983	10.07	109870	11.88

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
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QC Limits:

Internal Standard Areas

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Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:> GCMS_3 Effective Date:> 2/1/2006 All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,1,1-Trichloroethane		0.40012				
1,1,2,2-Tetrachloroethane		0.24605				
1,1,2-Trichloroethane		0.33881				
1,1-Dichloroethane		0.38651				
1,1-Dichloroethene		0.38859				
1,2-Dichloroethane		0.49203				
1,2-Dichloropropane		0.49585				
2-Butanone		1.70524				
2-Chloroethylvinylether		0.43696				
2-Hexanone		1.39477				
4-Methyl-2-Pentanone		0.21138				
Acetone		5.63113				
Acrolein		5.97478				
Acrylonitrile		1.56517				
Benzene		0.13544				
Bromodichloromethane		0.32567				
Bromoform		0.61742				
Bromomethane		0.86549				
Carbon disulfide		0.20318				
Carbon tetrachloride		0.52552				
Chlorobenzene		0.16807				
Chloroethane		0.42305				
Chloroform		0.40246				
Chloromethane		0.65384				
Cis-1,2-Dichloroethene		0.34086				
Cis-1,3-Dichloropropene		0.34330				
Dibromochloromethane		0.49418				
Ethylbenzene		0.30843				
M&p-Xylenes		0.48868				
Methylene chloride		1.15685				
O-Xylene		0.20832				
Styrene		0.20940				
Tetrachloroethene		0.45824				
Toluene		0.20832				
Trans-1,2-Dichloroethene		1.36336				
Trans-1,3-Dichloropropene		0.50994				
Trichloroethene		0.76384				
Vinyl chloride		0.48313				

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
5M19471	SMB2911	Soil	1		79	81	81	89	91	110
7M18534	SMB2910	Soil	1		83	83	88	91	82	96
5M19483	AC23854-002	Soil	1		82	84	77	88	85	105
7M18533	SMB2910(MS)	Soil	1		90	90	91	91	91	101
7M18537	AC23847-001(MS)	Soil	1		82	86	87	84	74	94
7M18538	AC23847-001(MSD)	Soil	1		88	90	88	87	74	101

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM 3

Spike Recovery

Batch Number: SMB2910
Mbs Name: SMB2910(MS)
Ns Name: AC23847-001
Ms Name: AC23847-001(MS)
Msd Name: AC23847-001(MS

Mbs File: 7M18533.D
Non Spk'd File: 7M18536.D
Spike File: 7M18537.D
Spike Dup File: 7M18538.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	1	0	200	26	90	35	154.58	0.00	148.41	159.00	77	74	80	6.9
2-Chlorophenol	1	0	200	25	102	50	167.99	0.00	159.05	170.66	84	80	85	7
1,4-Dichlorobenzene	1	0	100	28	104	27	82.24	0.00	77.83	83.55	82	78	84	7.1
N-Nitroso-di-n-propyla	1	0	100	41	126	38	89.05	0.00	87.02	93.35	89	87	93	7
1,2,4-Trichlorobenzene	1	0	100	38	107	23	89.74	0.00	82.46	85.58	90	82	86	3.7
4-Chloro-3-methylphen	1	0	200	26	103	33	182.33	0.00	176.99	179.02	91	88	90	1.1
Acenaphthene	1	0	100	31	137	19	70.41	0.00	66.05	69.25	70	66	69	4.7
2,4-Dinitrotoluene	1	0	100	28	89	47	87.69	0.00	83.34	86.64	88	83	87	3.9
4-Nitrophenol	1	0	200	11	114	50	201.65	1.19	170.20	178.05	101	85	88	4.5
Pentachlorophenol	1	0	200	17	109	47	199.92	0.00	72.09	79.16	100	36	40	9.3
Pyrene	1	0	100	35	142	36	78.58	0.00	77.15	82.63	79	77	83	6.9

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2910
Blank Data File: 7M18534.D
Matrix: Soil

Blank Analysis Date: 06/08/06 15:09
Blank Extraction Date: 06/06/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23847-001(MS	7M18538.D	06/08/06 16:42
AC23847-001(MS)	7M18537.D	06/08/06 16:19
SMB2910(MS)	7M18533.D	06/08/06 14:45

FORM 4
Blank Summary

Blank Number: SMB2911
Blank Data File: 5M19471.D
Matrix: Soil

Blank Analysis Date: 06/08/06 12:45
Blank Extraction Date: 06/07/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23854-002	5M19483.D	06/08/06 17:02

Form 5

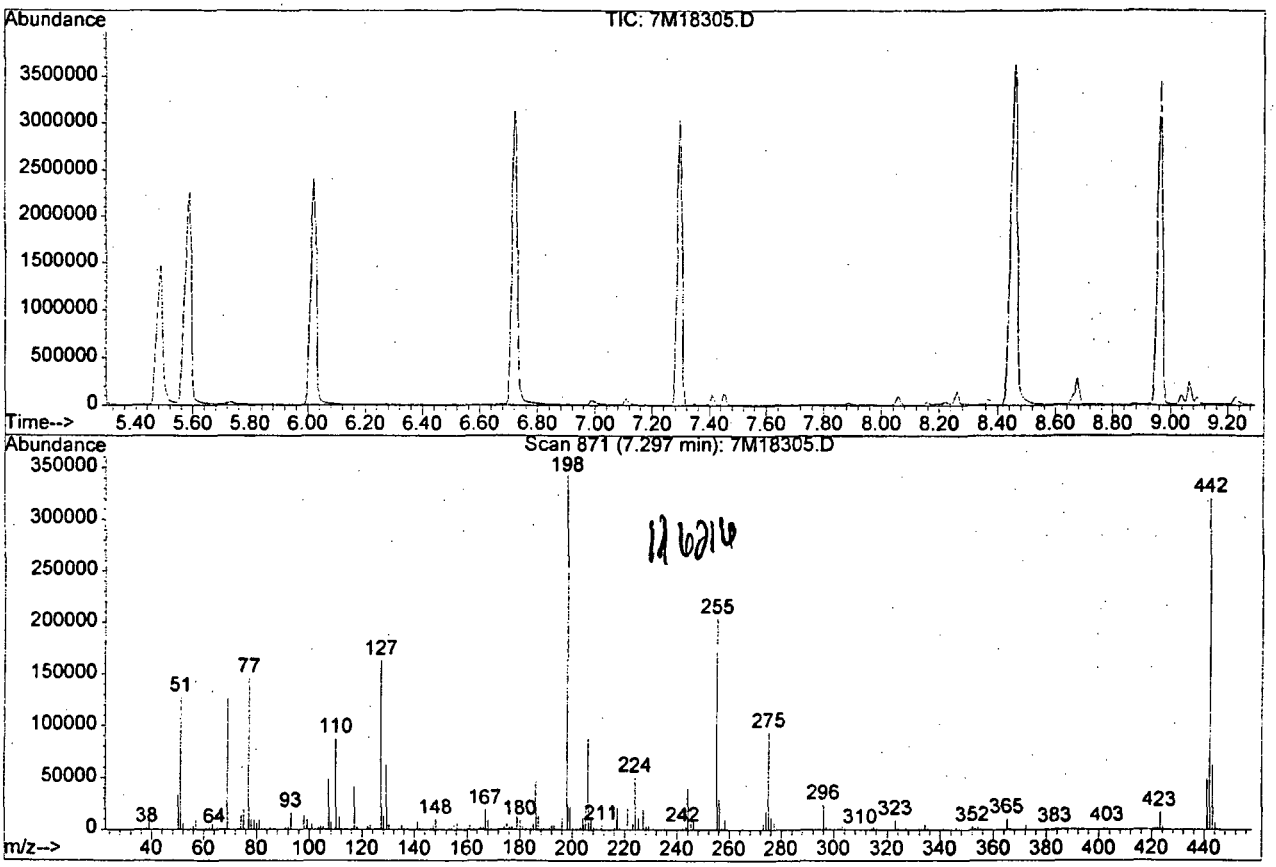
Tune Name: DFTPP **Data File:** 7M18305.D
Instrument: Gcms_7 **Analysis Date:** 05/30/06 10:16
Tune Scan/Time Range: Scan 871

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	37.1	127496	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.[illegible]	126112	PASS
70	69	0.00	2	0.5	685	PASS
127	198	40	60	47.4	162944	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343552	PASS
199	198	5	9	6.6	22728	PASS
275	198	10	30	27.2	93424	PASS
365	198	1	100	2.9	10018	PASS
441	443	0.01	100	79.4	49560	PASS
442	198	40	100	93.3	320384	PASS
443	442	17	23	19.5	62440	PASS

Data File	Sample Number	Analysis Date:
7M18306.D	CAL BNA@50PPM	05/30/06 10:40
7M18307.D	CAL BNA@10PPM	05/30/06 11:03
7M18308.D	CAL BNA@25PPM	05/30/06 11:27
7M18309.D	CAL BNA@80PPM	05/30/06 11:50
7M18310.D	CAL BNA@160PP	05/30/06 12:13
7M18311.D	CAL BNA@200PP	05/30/06 12:37
7M18312.D	CAL BNA@50PPM	05/30/06 13:00
7M18313.D	CAL BNA@120PP	05/30/06 13:23
7M18314.D	WMB2908	05/30/06 14:06
7M18315.D	AC23138-002	05/30/06 14:29
7M18316.D	AC23138-002(3X)	05/30/06 14:52
7M18317.D	SMB2898	05/30/06 15:16
7M18318.D	SMB2899	05/30/06 15:39
7M18319.D	SMB2900	05/30/06 16:03
7M18320.D	SMB2901	05/30/06 16:26
7M18321.D	WMB2906	05/30/06 16:50
7M18322.D	WMB2907	05/30/06 17:13
7M18323.D	AC23638-009	05/30/06 17:37
7M18324.D	AC23638-012	05/30/06 18:01
7M18325.D	AC23638-013	05/30/06 18:24
7M18326.D	AC23639-015	05/30/06 18:48
7M18327.D	AC23653-008	05/30/06 19:11
7M18328.D	AC23668-002	05/30/06 19:35
7M18329.D	AC23637-009	05/30/06 19:58
7M18330.D	AC23637-011	05/30/06 20:21
7M18331.D	AC23637-012	05/30/06 20:45
7M18332.D	AC23637-010(10X)	05/30/06 21:08

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\05-30-06\7M18305.D Vial: 1
Acq On : 30 May 2006 10:16 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0526.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Scan 871

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.1	127496	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	36.7	126112	PASS
70	69	0.00	2	0.5	685	PASS
127	198	40	60	47.4	162944	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343552	PASS
199	198	5	9	6.6	22728	PASS
275	198	10	30	27.2	93424	PASS
365	198	1	100	2.9	10018	PASS
441	443	0.01	100	79.4	49560	PASS
442	198	40	100	93.3	320384	PASS
443	442	17	23	19.5	62440	PASS

7M18305.D 7M_0526.M Wed Jun 21 08:32:05 2006 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19408.D
Instrument: GCMS_5 **Analysis Date:** 06/07/06 07:57

Tune Scan/Time Range: Scan 879

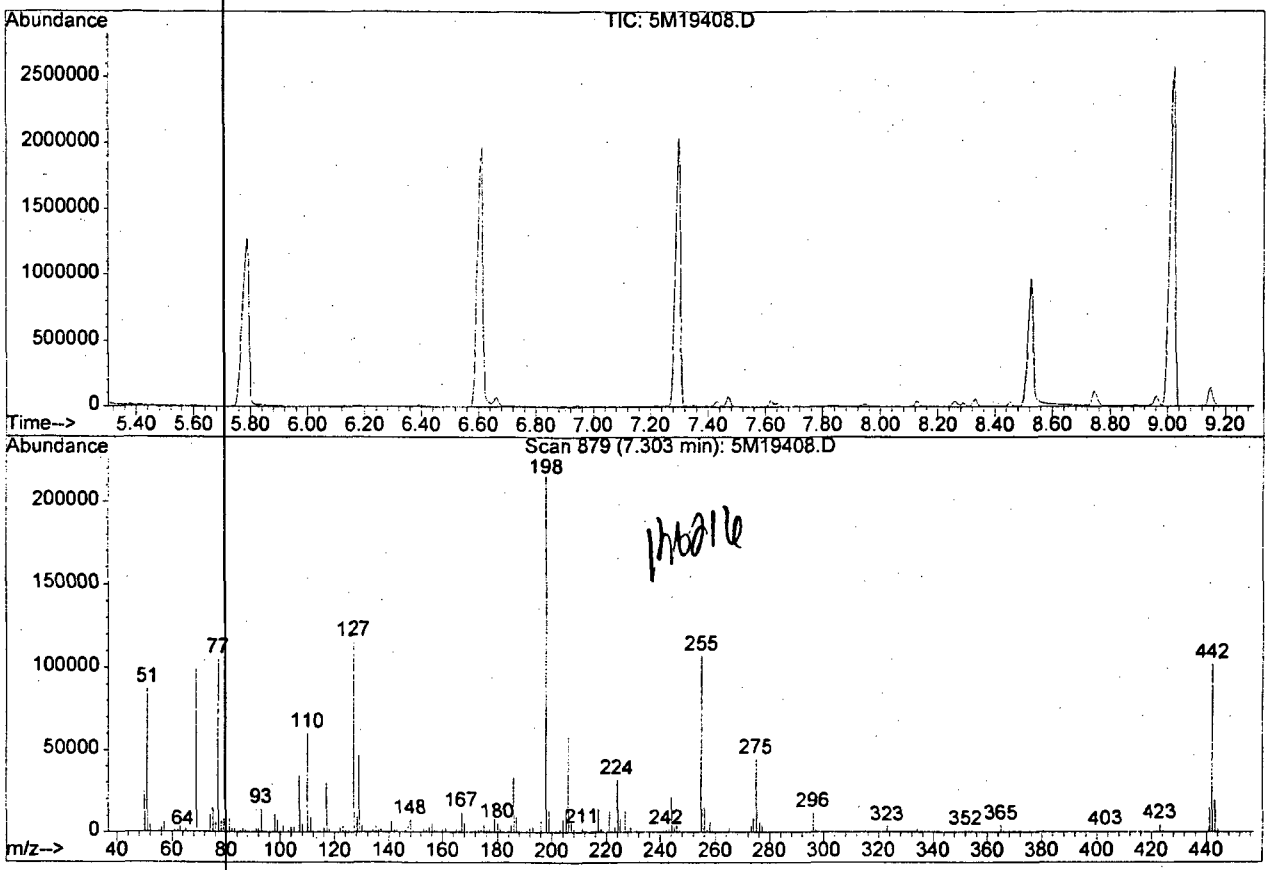
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Data File	Sample Number	Analysis Date:
5M19409.D	CAL BNA@50PPM	06/07/06 09:05
5M19410.D	CAL BNA@50PPM	06/07/06 09:29
5M19411.D	CAL BNA@10PPM	06/07/06 09:51
5M19412.D	CAL BNA@25PPM	06/07/06 10:12
5M19413.D	CAL BNA@80PPM	06/07/06 10:34
5M19414.D	CAL BNA@120PP	06/07/06 10:56
5M19415.D	CAL BNA@160PP	06/07/06 11:39
5M19416.D	CAL BNA@200PP	06/07/06 12:01
5M19417.D	SMB2909(MS)	06/07/06 12:22

0900

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-07-06\5M19408.D Vial: 1
Acq On : 7 Jun 2006 7:57 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 879

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

5M19408.D 5M_0526.M Wed Jun 21 08:32:06 2006 RPT1

Form 5

Tune Name: DFTPP **Data File:** 7M18515.D
Instrument: Gcms_7 **Analysis Date:** 06/08/06 07:29

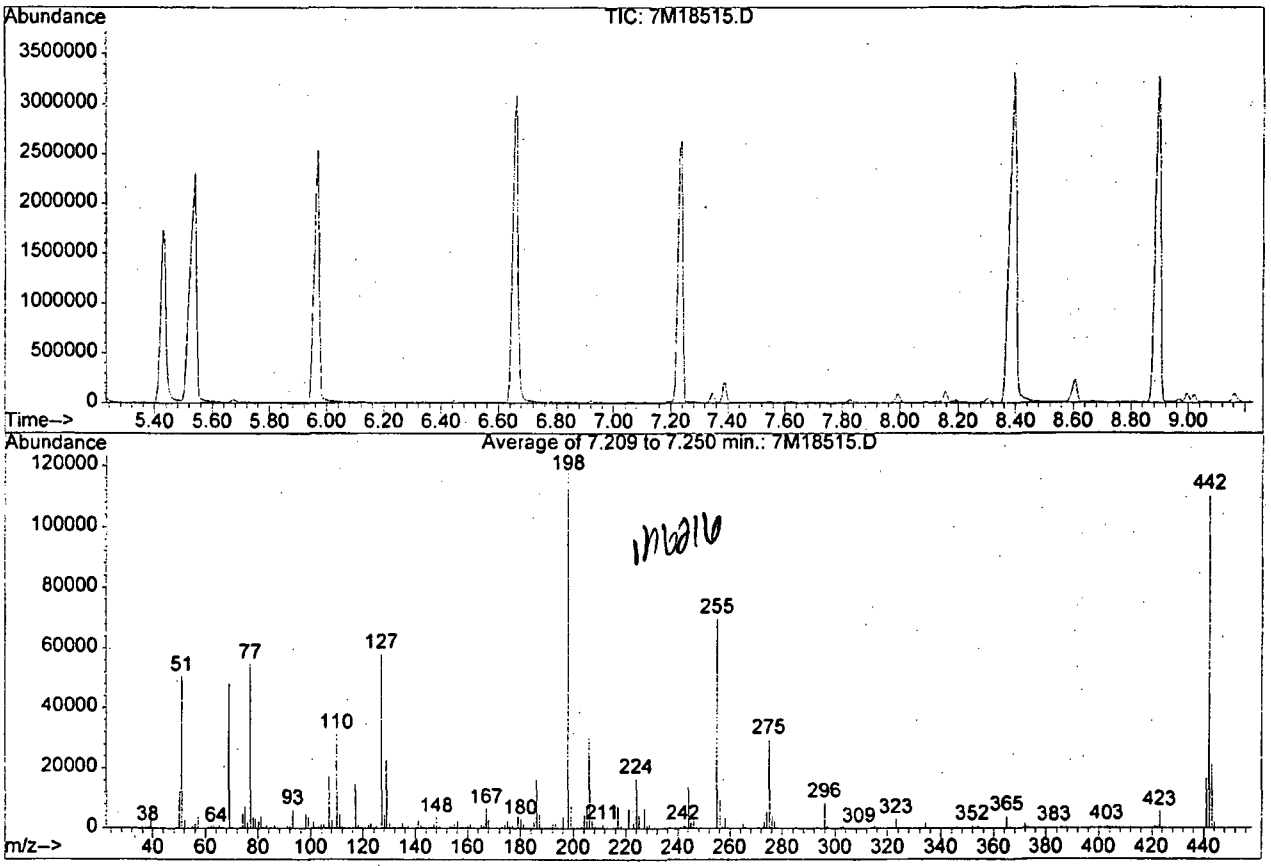
Tune Scan/Time Range: Average of 7.209 to 7.250 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	42.9	50490	PASS
68	69	0.00	2	0.2	98	PASS
69	198	0.00	100	40.9	48154	PASS
70	69	0.00	2	0.7	325	PASS
127	198	40	60	49.2	57942	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	117817	PASS
199	198	5	9	6.9	8073	PASS
275	198	10	30	25.0	29493	PASS
365	198	1	100	3.3	3853	PASS
441	443	0.01	100	78.7	16725	PASS
442	198	40	100	93.6	110239	PASS
443	442	17	23	19.3	21243	PASS

Data File	Sample Number	Analysis Date:
7M18516.D	CAL BNA@50PPM	06/08/06 07:58
7M18517.D	WMB2918	06/08/06 08:27
7M18518.D	WMB2918(MS)	06/08/06 08:51
7M18519.D	AC23842-002(T)	06/08/06 09:14
7M18520.D	AC23846-010(T)	06/08/06 09:37
7M18521.D	AC23850-006	06/08/06 10:01
7M18522.D	SMB2911	06/08/06 10:24
7M18523.D	SMB2911(MS)	06/08/06 10:47
7M18524.D	AC23863-002	06/08/06 11:11
7M18525.D	AC23863-002(MS)	06/08/06 11:34
7M18526.D	AC23863-002(MS	06/08/06 12:01
7M18527.D	SMB2911(MS)	06/08/06 12:25
7M18528.D	SMB2909(MS)	06/08/06 12:48
7M18529.D	SMB2912	06/08/06 13:11
7M18530.D	SMB2912(MS)	06/08/06 13:35
7M18531.D	AC23801-010(3X)	06/08/06 13:58
7M18532.D	AC23801-011(5X)	06/08/06 14:22
7M18533.D	SMB2910(MS)	06/08/06 14:45
7M18534.D	SMB2910	06/08/06 15:09
7M18535.D	WMB2909	06/08/06 15:32
7M18536.D	AC23847-001	06/08/06 15:55
7M18537.D	AC23847-001(MS)	06/08/06 16:19
7M18538.D	AC23847-001(MS	06/08/06 16:42
7M18539.D	AC23846-006	06/08/06 17:05
7M18540.D	AC23861-004	06/08/06 17:29
7M18541.D	AC23861-004(MS)	06/08/06 17:52
7M18542.D	AC23861-004(MS	06/08/06 18:15
7M18543.D	AC23862-001(10X)	06/08/06 18:38
7M18544.D	AC23843-003(10X)	06/08/06 19:02
7M18545.D	AC23843-006(10X)	06/08/06 19:25
7M18546.D	AC23846-018(10X)	06/08/06 19:48
7M18547.D	AC23809-010	06/08/06 20:12
7M18548.D	AC23809-011	06/08/06 20:35

DFTPP

Data File : G:\GcMsData\2006\GCMS_7\DATA\06-08-06\7M18515.D Vial: 1
Acq On : 8 Jun 2006 7:29 Operator: AHD
Sample : DFTPP Inst : Gcms_7
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_7\METHODS\7M_0530.M (RTE Integrator)
Title : @GCMS_7,mg,625,8270



Spectrum Information: Average of 7.209 to 7.250 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	42.9	50490	PASS
68	69	0.00	2	0.2	98	PASS
69	198	0.00	100	40.9	48154	PASS
70	69	0.00	2	0.7	325	PASS
127	198	40	60	49.2	57942	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	117817	PASS
199	198	5	9	6.9	8073	PASS
275	198	10	30	25.0	29493	PASS
365	198	1	100	3.3	3853	PASS
441	443	0.01	100	78.7	16725	PASS
442	198	40	100	93.6	110239	PASS
443	442	17	23	19.3	21243	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19464.D
Instrument: GCMS_5 **Analysis Date:** 06/08/06 10:19

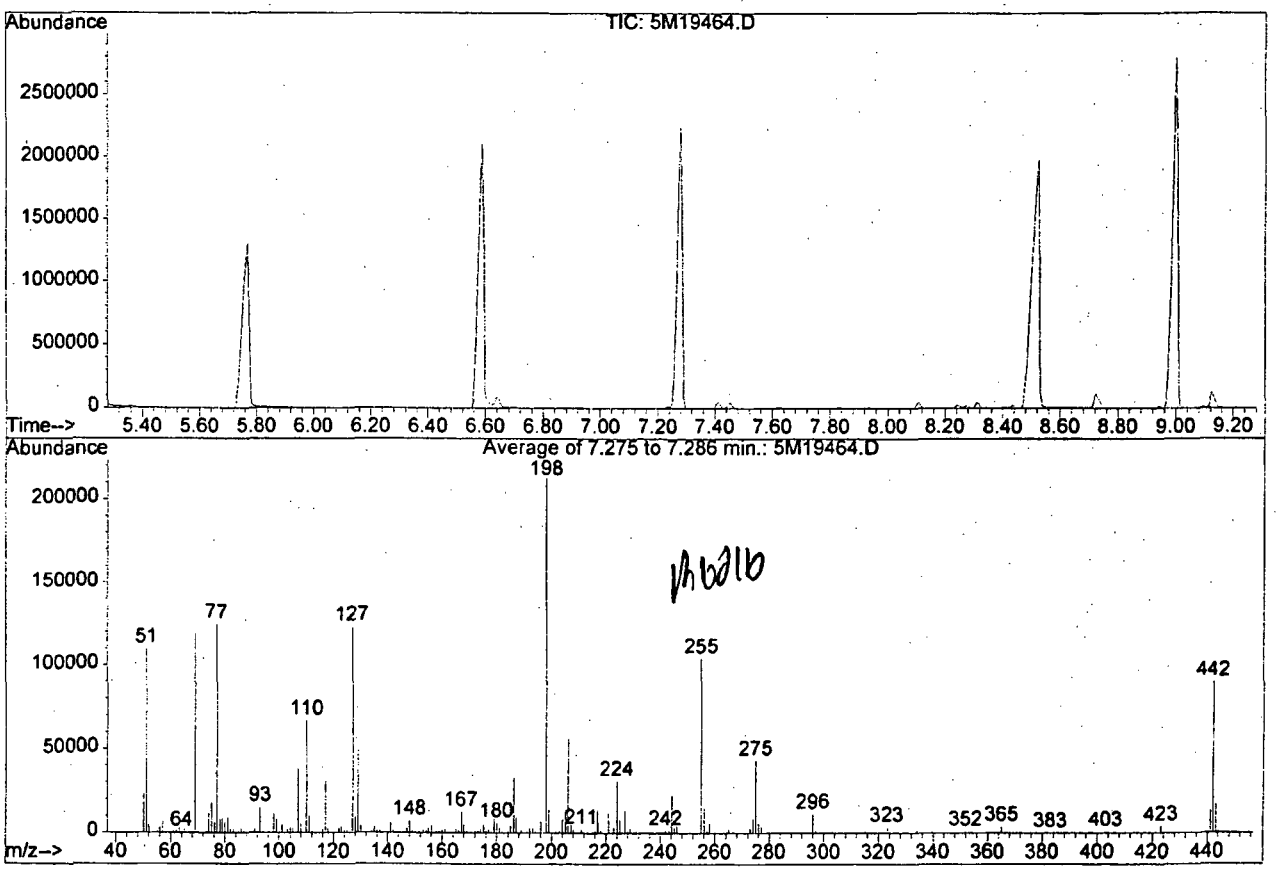
Tune Scan/Time Range: Average of 7.275 to 7.286 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	51.5	109701	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.2	119624	PASS
70	69	0.00	2	0.7	880	PASS
127	198	40	60	57.8	123112	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	212992	PASS
199	198	5	9	6.9	14783	PASS
275	198	10	30	20.3	43189	PASS
365	198	1	100	1.9	3990	PASS
441	443	0.01	100	75.9	13235	PASS
442	198	40	100	42.3	90091	PASS
443	442	17	23	19.4	17441	PASS

Data File	Sample Number	Analysis Date:
5M19465.D	CAL BNA@50PPM	06/08/06 10:37
5M19466.D	WMB2918	06/08/06 10:58
5M19467.D	WMB2918(MS)	06/08/06 11:19
5M19468.D	AC23857-002	06/08/06 11:41
5M19469.D	AC23857-002(MS)	06/08/06 12:02
5M19470.D	AC23857-002(MS	06/08/06 12:24
5M19471.D	SMB2911	06/08/06 12:45
5M19472.D	AC23846-006	06/08/06 13:06
5M19473.D	AC23847-003(10X)	06/08/06 13:28
5M19474.D	AC23771-002(5X)	06/08/06 13:50
5M19475.D	AC23843-011	06/08/06 14:11
5M19476.D	AC23843-012	06/08/06 14:33
5M19477.D	AC23843-014	06/08/06 14:54
5M19478.D	AC23843-010	06/08/06 15:15
5M19479.D	AC23847-004	06/08/06 15:37
5M19480.D	WMB2919	06/08/06 15:58
5M19481.D	WMB2919(MS)	06/08/06 16:19
5M19482.D	SMB2912	06/08/06 16:41
5M19483.D	AC23854-002	06/08/06 17:02
5M19484.D	AC23854-003	06/08/06 17:23
5M19485.D	AC23854-004	06/08/06 17:45
5M19486.D	AC23791-010	06/08/06 18:06
5M19487.D	AC23843-007	06/08/06 18:28
5M19488.D	AC23843-008	06/08/06 18:49
5M19489.D	AC23846-015(3X)	06/08/06 19:10
5M19490.D	AC23861-001	06/08/06 19:32
5M19491.D	AC23861-002	06/08/06 19:53
5M19492.D	MBS-B	06/08/06 20:14
5M19493.D	MBS-C	06/08/06 20:35
5M19494.D	MBS-D	06/08/06 20:57
5M19495.D	AC23843-004	06/08/06 21:18
5M19496.D	AC23771-003	06/08/06 21:39
5M19497.D	AC23855-001	06/08/06 22:01
5M19498.D	AC23855-003	06/08/06 22:22
5M19499.D	AC23857-001	06/08/06 22:43
5M19500.D	AC23857-003	06/08/06 23:04
5M19501.D	AC23859-001	06/08/06 23:26
5M19502.D	AC23859-002	06/08/06 23:47
5M19503.D	AC23871-002	06/09/06 00:08
5M19504.D	AC23871-003	06/09/06 00:29
5M19505.D	AC23872-003	06/09/06 00:51
5M19506.D	AC23872-004	06/09/06 01:12
5M19507.D	AC23873-003	06/09/06 01:33
5M19508.D	AC23874-001	06/09/06 01:54
5M19509.D	AC23874-002	06/09/06 02:15
5M19510.D	AC23872-002	06/09/06 02:36
5M19511.D	AC23873-002(20X)	06/09/06 02:58
5M19512.D	MECL2(LOT#0621	06/09/06 03:19
5M19513.D	MECL2(LOT#0621	06/09/06 03:40
5M19514.D	AC23876-001	06/09/06 05:02
5M19515.D	AC23876-003	06/09/06 05:44
5M19516.D	AC23876-005	06/09/06 06:05
5M19517.D	AC23876-007	06/09/06 06:26
5M19518.D	AC23876-009	06/09/06 06:47
5M19519.D	AC23876-011	06/09/06 07:09
5M19520.D	AC23876-013	06/09/06 07:30
5M19521.D	AC23877-001	06/09/06 07:51
5M19522.D	AC23877-002	06/09/06 08:13
5M19523.D	AC23887-001	06/09/06 08:34
5M19524.D	AC23887-002	06/09/06 08:55
5M19525.D	AC23889-001	06/09/06 09:16
5M19526.D	AC23889-002	06/09/06 09:38
5M19527.D	AC23889-003	06/09/06 09:59

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-08-06\5M19464.D Vial: 1
Acq On : 8 Jun 2006 10:19 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.275 to 7.286 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	51.5	109701	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	56.2	119624	PASS
70	69	0.00	2	0.7	880	PASS
127	198	40	60	57.8	123112	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	212992	PASS
199	198	5	9	6.9	14783	PASS
275	198	10	30	20.3	43189	PASS
365	198	1	100	1.9	3990	PASS
441	443	0.01	100	75.9	13235	PASS
442	198	40	100	42.3	90091	PASS
443	442	17	23	19.4	17441	PASS

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.6336	1.2387	1.5738	1.6514	1.7174	1.8022	1.7649	----	1.63	1.83	0.999	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9611	0.8417	0.9524	0.9120	1.0096	0.9730	1.0161	----	0.952	1.78	0.998	0.999	6.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.4092	1.3514	1.4010	1.4418	1.4490	1.5177	1.5615	----	1.45	3.64	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	2.0709	2.5011	2.1984	2.1670	1.9956	1.9661	1.9911	----	2.13	4.69	0.999	0.999	8.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5296	0.5168	0.5226	0.5254	0.5320	0.5387	0.5345	----	0.529	4.73	1.00	1.00	1.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.5165	1.5835	1.6063	1.5616	1.5253	1.5725	1.5670	----	1.56	4.78	1.00	1.00	2.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.8403	1.8674	1.9549	1.9544	1.8509	1.9422	1.9472	----	1.91	4.69	0.999	0.999	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	2.2086	2.2947	2.2723	2.2667	2.1838	2.2914	2.2965	----	2.26	4.70	0.999	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4867	1.5098	1.4580	1.5243	1.5068	1.5344	1.5730	----	1.51	4.79	0.999	1.00	2.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5663	1.5477	1.4947	1.5084	1.5368	1.5463	1.5032	----	1.53	4.93	0.999	1.00	1.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5577	1.5508	1.5532	1.5604	1.5497	1.5820	1.5451	----	1.56	5.00	1.00	1.00	0.78*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4569	1.4949	1.4823	1.4678	1.4638	1.4657	1.4392	----	1.47	5.13	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9954	0.9326	0.9746	1.0320	1.0084	1.0365	1.0408	----	1.00	5.13	1.00	1.00	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	2.6070	2.6912	2.7193	2.6227	2.5207	2.6268	2.5804	----	2.62	5.25	0.999	0.999	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.3838	1.3713	1.4312	1.4403	1.4037	1.4355	1.4510	----	1.42	5.23	1.00	1.00	2.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.6678	0.6278	0.6809	0.6683	0.6792	0.6834	0.6717	----	0.668	5.41	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.0402	1.0823	1.0941	1.1433	1.0973	1.1535	1.1599	----	1.11	5.35	0.999	0.999	4.0**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4322	1.4746	1.4847	1.5339	1.4954	1.5531	1.5450	----	1.50	5.36	0.999	1.00	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1455	0.1458	0.1467	0.1667	0.1680	0.1703	0.1769	----	0.160	5.46	0.998	0.999	8.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4122	0.3812	0.4022	0.4245	0.4204	0.4127	0.4196	----	0.410	5.47	1.00	1.00	3.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.6975	0.7014	0.7279	0.7596	0.7335	0.7372	0.7336	----	0.727	5.67	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1814	0.1451	0.1683	0.1849	0.1899	0.1876	0.1965	----	0.179	5.73	0.999	0.999	9.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.3632	0.3122	0.3453	0.3811	0.3916	0.3935	0.3899	----	0.368	5.79	1.00	1.00	8.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.0736	----	0.0517	0.0940	0.1020	0.0992	0.1130	----	0.0890	5.84	0.993	0.995	25	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4318	0.4420	0.4543	0.4580	0.4632	0.4396	0.4362	----	0.446	5.86	0.998	0.999	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.2821	0.2716	0.2786	0.2910	0.2868	0.2884	0.2916	----	0.284	5.92	1.00	1.00	2.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.2936	0.2972	0.2907	0.2902	0.3000	0.2890	0.2912	----	0.293	5.99	1.00	1.00	1.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.3958	1.4794	1.4120	1.4442	1.4294	1.3762	1.3457	----	1.41	6.04	0.999	1.00	3.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4019	0.4270	0.4209	0.4360	0.4002	0.3834	0.3683	----	0.405	6.09	0.995	0.999	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1533	0.1611	0.1537	0.1546	0.1597	0.1561	0.1547	----	0.156	6.14	1.00	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.2951	0.3005	0.3093	0.3441	0.3308	0.3354	0.3411	----	0.322	6.46	0.999	0.999	6.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6556	0.6417	0.6636	0.6958	0.6760	0.6676	0.6664	----	0.667	6.56	1.00	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.6556	0.6417	0.6636	0.6958	0.6760	0.6676	0.6664	----	0.667	6.56	1.00	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.4870	0.4497	0.4830	0.4665	0.4656	0.4734	0.4742	----	0.471	6.69	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.2175	0.1550	0.1915	0.2313	0.2574	0.2585	0.2305	----	0.220	6.68	0.990	0.994	17**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3332	0.3166	0.3198	0.3329	0.3546	0.3511	0.3630	----	0.339	6.78	0.998	1.00	5.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3566	0.3290	0.3707	0.3631	0.3640	0.3665	0.3923	----	0.363	6.80	0.997	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2506	1.1732	1.2653	1.2288	1.2593	1.2490	1.2695	----	1.24	6.84	1.00	1.00	2.7	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1201	1.0955	1.0841	1.1197	1.1293	1.1119	1.1279	----	1.11	6.93	1.00	1.00	1.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8488	0.8180	0.8348	0.8409	0.8369	0.8248	0.8333	----	0.834	7.18	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.8488	0.8180	0.8348	0.8409	0.8369	0.8248	0.8333	----	0.834	7.18	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7254	0.7188	0.7301	0.7313	0.7261	0.7391	0.7421	----	0.730	7.00	1.00	1.00	1.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

S900

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.4876	0.4432	0.4861	0.5076	0.5210	0.5276	0.5390	----	0.502	7.01	0.999	1.00	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.2864	2.2574	2.3286	2.3021	2.3246	2.2670	2.2865	----	2.29	7.24	1.00	1.00	1.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.2469	1.2389	1.2243	1.2587	1.2571	1.2475	1.2889	----	1.25	7.15	0.999	1.00	1.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	LinF	0.2448	0.1936	0.2538	0.2644	0.2667	0.2795	0.2922	----	0.256	7.20	0.998	1.00	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.3636	1.4235	1.3347	1.3863	1.3836	1.3819	1.3639	----	1.38	7.38	1.00	1.00	2.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3064	0.2657	0.2888	0.3214	0.3294	0.3243	0.3285	----	0.309	7.33	1.00	1.00	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.0673	----	----	0.0897	0.1123	0.1224	0.1535	----	0.109	7.42	0.977	0.996	30**(0.050)	50.00			80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.5590	1.5833	1.5963	1.5914	1.5509	1.5450	1.5356	----	1.57	7.53	1.00	1.00	1.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	LinF	0.3430	0.2714	0.3292	0.3639	0.3728	0.3801	0.3839	----	0.349	7.53	1.00	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.2701	0.2077	0.2403	0.2819	0.2885	0.3032	0.3179	----	0.273	7.47	0.998	1.00	14**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2428	0.2037	0.2388	0.2537	0.2626	0.2687	0.2843	----	0.251	7.63	0.998	1.00	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.6439	1.6678	1.6553	1.6500	1.6643	1.6288	1.6045	----	1.65	7.82	1.00	1.00	1.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.5511	0.6189	0.5717	0.5618	0.5509	0.5491	0.5516	----	0.565	7.83	1.00	1.00	4.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.1887	1.1315	1.1964	1.2066	1.2354	1.2187	1.2380	----	1.20	7.74	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3455	0.2901	0.3298	0.3577	0.3499	0.3595	0.3731	----	0.344	7.84	0.999	1.00	7.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1016	----	0.0825	0.1157	0.1293	0.1427	0.1590	----	0.122	7.87	0.987	1.00	23	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6579	0.6178	0.6220	0.6476	0.6390	0.6469	0.6470	----	0.640	7.93	1.00	1.00	2.3*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0880	0.0698	0.0922	0.0904	0.0975	0.0955	0.1023	----	0.0909	8.04	0.997	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0383	0.9538	1.0213	1.0414	1.0323	1.0324	1.0232	----	1.02	7.97	1.00	1.00	3.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2199	0.2039	0.2119	0.2152	0.2178	0.2211	0.2186	----	0.216	8.28	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.2258	0.2163	0.2251	0.2263	0.2213	0.2255	0.2224	----	0.223	8.32	1.00	1.00	1.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1288	0.1018	0.1221	0.1426	0.1375	0.1397	0.1481	----	0.132	8.57	0.998	0.999	12	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1047	----	0.0670	0.1103	0.1174	0.1285	0.1463	----	0.112	8.51	0.993	0.998	24*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.6675	1.6623	1.6540	1.6127	1.6210	1.6154	1.5955	----	1.63	8.72	1.00	1.00	1.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.5920	1.5224	1.5630	1.6311	1.5902	1.6219	1.5984	----	1.59	8.77	1.00	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.2119	1.1270	1.1778	1.2169	1.2008	1.2060	1.2007	----	1.19	8.95	1.00	1.00	2.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1522	0.1462	0.1395	0.1553	0.1614	0.1570	0.1832	----	0.156	9.22	0.988	0.995	8.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.2991	1.1277	1.2469	1.3577	1.3673	1.4303	1.4455	----	1.32	9.36	0.999	1.00	8.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1258	0.1152	0.1272	0.1144	0.1195	0.1266	0.1260	----	0.122	9.89	0.998	0.999	4.6	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.6465	1.4805	1.5715	1.6677	1.6421	1.6956	1.6709	----	1.63	9.99	1.00	1.00	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.9256	1.8931	1.8561	1.9668	1.9019	1.9719	1.9253	----	1.92	10.24	0.999	0.999	2.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1321	----	0.1320	0.1497	0.1904	0.1664	----	----	0.154	10.18	0.977	0.978	16	50.00		25.00	80.00	120.0	160.0		
Terphenyl-d14	1	0	Avg	0.8512	0.8854	0.8144	0.8690	0.8546	0.8943	0.8964	----	0.867	10.46	0.999	1.00	3.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0661	0.0727	0.0596	0.0676	0.0654	0.0738	0.0793	----	0.0693	10.68	0.990	0.998	9.4	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	LinF	0.5738	0.4549	0.5050	0.6208	0.6188	0.6599	0.6811	----	0.588	11.07	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	0.9937	1.0085	1.0120	1.0238	1.0032	1.0170	0.9985	----	1.01	11.68	1.00	1.00	1.0	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4036	0.3229	0.3789	0.4282	0.4029	0.4187	0.4166	----	0.396	11.65	0.999	0.999	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.5510	1.4793	1.4568	1.6217	1.5611	1.6491	1.6189	----	1.56	11.64	0.999	0.999	4.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6064	1.6790	1.6387	1.6739	1.6326	1.6689	1.6099	----	1.64	11.68	0.999	0.999	1.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.7807	0.5647	0.6955	0.8570	0.8498	0.9183	0.9324	----	0.800	11.79	0.998	0.999	16	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	1.5069	0.9672	1.2640	1.7659	1.8127	1.9641	2.0812	----	1.62	12.54	0.989	1.00	25*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.1086	1.9657	2.0598	2.3298	2.2294	2.2156	2.1872	----	2.16	12.84	0.999	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

9900

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M18312.	CAL BNA@50PPM	05/30/06 13:00	2	7M18307.	CAL BNA@10PPM	05/30/06 11:03
3	7M18308.	CAL BNA@25PPM	05/30/06 11:27	4	7M18309.	CAL BNA@80PPM	05/30/06 11:50
5	7M18313.	CAL BNA@120PPM	05/30/06 13:23	6	7M18310.	CAL BNA@160PPM	05/30/06 12:13
7	7M18311.	CAL BNA@200PPM	05/30/06 12:37				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.3394	2.2380	2.1749	2.3214	2.3089	2.3723	2.3172	----	2.30	12.88	1.00	1.00	2.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0421	2.0280	1.9466	2.1515	2.1031	2.1428	2.0915	----	2.07	13.18	0.999	1.00	3.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.0525	1.8075	1.9504	2.1434	2.1081	2.1418	2.1167	----	2.05	14.29	1.00	1.00	6.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7032	1.6247	1.6569	1.8038	1.7547	1.7795	1.7622	----	1.73	14.32	1.00	1.00	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8469	1.8038	1.7858	1.9601	1.8844	1.9135	1.8552	----	1.86	14.54	0.999	0.999	3.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 6.12
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

L900

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.5701	1.5042	1.3686	1.5204	1.6285	1.7846	1.7774	----	1.59	1.47	0.996	0.999	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9098	0.7257	0.8089	0.9629	0.9957	0.9676	1.1440	----	0.931	1.43	0.987	0.994	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1884	0.9907	1.0974	1.2574	1.3088	1.3360	1.4831	----	1.24	3.17	0.993	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8056	1.8732	1.8776	1.9893	2.0339	2.0078	1.9359	----	1.93	4.37	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5426	0.4883	0.4913	0.5361	0.5498	0.5523	0.5938	----	0.536	4.39	0.997	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3408	1.2419	1.2854	1.4004	1.3991	1.3886	1.5127	----	1.37	4.46	0.996	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7484	1.5565	1.6398	1.8658	1.9663	1.9523	2.1298	----	1.84	4.41	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.7675	1.6807	1.7012	1.8095	1.8963	1.8626	2.0460	----	1.82	4.42	0.995	0.998	6.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4506	1.3737	1.4402	1.5315	1.5830	1.5475	1.7278	----	1.52	4.48	0.994	0.998	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5111	1.4583	1.4434	1.5241	1.5589	1.5600	1.6369	----	1.53	4.61	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5526	1.4776	1.5413	1.5144	1.5863	1.5884	1.7059	----	1.57	4.69	0.997	0.999	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4566	1.3688	1.4592	1.4667	1.5252	1.5403	1.6531	----	1.50	4.82	0.996	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9212	0.8159	0.9150	1.0340	1.0122	0.9998	1.0621	----	0.966	4.84	0.998	0.999	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.7380	1.6690	1.7399	1.8273	1.8987	1.8734	2.1034	----	1.84	4.97	0.993	0.998	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2860	1.1948	1.3380	1.3528	1.4382	1.4560	1.6707	----	1.39	4.97	0.988	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7219	0.6728	0.7219	0.7560	0.7719	0.7894	0.8018	----	0.748	5.11	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2265	1.1280	1.3021	1.3499	1.3465	1.3463	1.4725	----	1.31	5.07	0.995	0.998	8.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4151	1.2524	1.4058	1.4832	1.6114	1.6342	1.7366	----	1.51	5.10	0.997	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1629	0.1314	0.1532	0.1656	0.1693	0.1654	0.1705	----	0.160	5.18	1.00	1.00	8.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4796	0.4415	0.4691	0.5065	0.4964	0.5078	0.5169	----	0.488	5.20	1.00	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8084	0.7325	0.7388	0.8343	0.8441	0.8457	0.8682	----	0.810	5.40	1.00	1.00	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1937	0.1810	0.1857	0.2098	0.2077	0.2088	0.2233	----	0.201	5.46	0.997	0.999	7.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4240	0.3274	0.3667	0.4338	0.4537	0.4620	0.4914	----	0.423	5.53	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1528	----	0.1483	0.1480	0.1194	0.1337	0.1018	----	0.134	5.66	0.933	0.966	15	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4071	0.3791	0.4017	0.4363	0.4318	0.4347	0.4635	----	0.422	5.59	0.998	0.999	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3038	0.2742	0.2619	0.2966	0.3075	0.3245	0.3533	----	0.303	5.66	0.993	0.999	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3209	0.3147	0.2959	0.3274	0.3361	0.3482	0.3618	----	0.329	5.70	0.998	1.00	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.4348	1.2766	1.3239	1.4618	1.5429	1.6214	1.7607	----	1.49	5.76	0.994	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4214	0.4049	0.4055	0.4314	0.4111	0.4162	0.3807	----	0.410	5.82	0.994	0.998	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1975	0.1833	0.1826	0.1977	0.2021	0.2089	0.2101	----	0.198	5.86	0.999	1.00	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3807	0.3447	0.3561	0.3962	0.4133	0.4248	0.4542	----	0.396	6.21	0.996	1.00	9.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5446	0.5008	0.5294	0.5546	0.5729	0.5954	0.5655	----	0.552	6.41	0.998	0.998	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1785	0.0861	0.1286	0.1981	0.2327	0.2399	0.1845	----	0.178	6.40	0.957	0.974	31**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3759	0.3220	0.3311	0.3850	0.3874	0.4095	0.3860	----	0.371	6.50	0.998	0.998	8.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4004	0.3757	0.3739	0.4270	0.4097	0.4235	0.4074	----	0.403	6.54	0.999	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2350	1.1848	1.1481	1.2469	1.2640	1.2632	1.2219	----	1.22	6.56	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1342	1.0662	1.0693	1.1624	1.1796	1.2384	1.2086	----	1.15	6.63	0.999	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7603	0.7050	0.7072	0.7913	0.7873	0.8415	0.7929	----	0.769	6.70	0.998	0.998	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

8900

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.5131	0.4682	0.4934	0.5329	0.5321	0.5484	0.5040	-----	0.513	6.72	0.996	0.998	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.4938	2.3298	2.3817	2.6417	2.7039	2.8039	2.7122	-----	2.58	6.93	0.999	0.999	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3458	1.3414	1.3073	1.4325	1.4314	1.5050	1.5197	-----	1.41	6.86	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2929	0.2684	0.2748	0.3116	0.3071	0.3024	0.2884	-----	0.292	6.91	0.997	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5193	1.4474	1.4617	1.6021	1.6618	1.7333	1.6957	-----	1.59	7.07	0.999	0.999	7.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3427	0.3395	0.3348	0.3586	0.3431	0.3313	0.2725	-----	0.332	7.03	0.968	0.994	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1338	-----	0.1006	0.1641	0.1688	0.1943	0.1968	-----	0.160	7.13	0.996	0.998	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6256	1.5298	1.5384	1.7464	1.7299	1.8202	1.8267	-----	1.69	7.20	0.999	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4041	0.3696	0.3975	0.4399	0.4271	0.4250	0.4016	-----	0.409	7.22	0.997	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3991	0.3304	0.3638	0.4305	0.4134	0.4387	0.4595	-----	0.405	7.20	0.998	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2925	0.2542	0.2524	0.3123	0.3129	0.3271	0.3213	-----	0.296	7.32	0.999	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8197	1.6832	1.7143	1.9328	2.0337	2.1974	2.1647	-----	1.94	7.48	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6273	0.6326	0.6164	0.6803	0.6972	0.7472	0.7463	-----	0.678	7.49	0.998	0.999	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5301	1.4786	1.4444	1.6003	1.5580	1.6235	1.5610	-----	1.54	7.42	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3493	0.3054	0.3249	0.3679	0.3314	0.3492	0.3195	-----	0.335	7.52	0.994	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1414	-----	0.1226	0.1452	0.1532	0.1556	0.1661	-----	0.147	7.56	0.998	0.999	10	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5755	0.5216	0.5501	0.5778	0.5968	0.6139	0.6349	-----	0.582	7.60	0.999	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0704	0.0654	0.0613	0.0725	0.0765	0.0765	0.0813	-----	0.0720	7.69	0.998	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0529	1.0071	1.0006	1.0492	1.0692	1.0760	1.1777	-----	1.06	7.63	0.995	0.999	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2073	0.1997	0.1876	0.2104	0.2174	0.2248	0.2291	-----	0.211	7.92	0.999	1.00	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1952	0.1843	0.1880	0.1955	0.2046	0.2066	0.2089	-----	0.198	7.96	0.999	1.00	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1776	0.1464	0.1463	0.1584	0.1704	0.1679	0.1685	-----	0.162	8.20	0.999	0.999	7.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1103	-----	0.0791	0.1079	0.1216	0.1295	0.1423	-----	0.115	8.16	0.993	0.999	19*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5882	1.4347	1.5213	1.6222	1.7439	1.8489	1.9524	-----	1.67	8.35	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6186	1.4906	1.5368	1.6448	1.7309	1.8247	1.9021	-----	1.68	8.40	0.997	1.00	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1116	0.9961	1.0380	1.1229	1.1481	1.1953	1.2623	-----	1.12	8.58	0.997	1.00	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1746	0.1392	0.1608	0.1743	0.1764	0.1824	0.1844	-----	0.170	8.82	1.00	1.00	9.2	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5835	1.4383	1.4567	1.5850	1.6529	1.6883	1.7751	-----	1.60	8.98	0.998	1.00	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1492	-----	0.1453	0.1615	0.1718	0.1773	0.1738	-----	0.163	9.48	0.999	0.999	8.2	10.00		5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8069	1.6091	1.6427	1.8077	1.8917	2.0142	2.1086	-----	1.84	9.59	0.996	1.00	9.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.8098	1.7763	1.7623	1.7523	1.8668	1.8542	1.8674	-----	1.81	9.83	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1460	0.3898	0.1620	0.1306	0.1701	-----	-----	-----	0.200	9.78	0.936	0.994	54	50.00	10.00	25.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	0.8214	0.8088	0.7967	0.7992	0.8120	0.8056	0.8120	-----	0.808	10.06	1.00	1.00	1.0	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0899	0.0867	0.0875	0.1021	0.0956	0.1003	0.0926	-----	0.0935	10.26	0.995	0.997	6.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.7194	0.6932	0.6842	0.6876	0.7189	0.7092	0.7355	-----	0.707	10.67	0.999	1.00	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.7068	1.5663	1.6589	1.6803	1.7142	1.7646	1.7469	-----	1.69	11.23	1.00	1.00	3.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4664	0.4566	0.4597	0.4508	0.4210	0.4129	-----	-----	0.445	11.24	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0		
Benzo[a]anthracene	1	0	Avg	1.7648	1.7126	1.7209	1.7400	1.7515	1.8152	1.8468	-----	1.76	11.23	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6134	1.5586	1.5484	1.5721	1.5431	1.5195	1.5524	-----	1.56	11.27	1.00	1.00	1.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9754	0.9391	0.9642	0.9253	0.9525	0.9621	0.9911	-----	0.959	11.39	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3949	2.1173	2.2553	2.4050	2.6300	2.8374	3.0899	-----	2.53	12.13	0.989	1.00	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2491	2.0364	2.1102	2.2641	2.3365	2.5468	2.7520	-----	2.33	12.42	0.992	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

6900

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.2109	2.1113	2.2096	2.2694	2.3092	2.4341	2.4669	-----	2.29	12.46	0.998	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0747	1.9526	2.0188	2.1572	2.1905	2.3574	2.4242	-----	2.17	12.75	0.997	1.00	8.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.1651	1.9911	2.0746	2.2593	2.2932	2.3919	2.3922	-----	2.22	13.81	0.999	1.00	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7641	1.6378	1.7362	1.8788	1.8574	1.9966	2.0291	-----	1.84	13.83	0.998	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8031	1.7376	1.8521	1.9181	1.8215	1.9501	1.8961	-----	1.85	14.03	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0200

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18516.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/8/06 7:58:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.93	40.00	40				0.000	0.00	
Pyridine	1	0		1.76	53.60	50			1.626	1.743	7.20	
N-Nitrosodimethylamine	1	0		1.71	51.69	50			0.952	0.985	3.38	
2-Fluorophenol	1	0	S	3.55	50.17	50			1.447	1.452	0.34	
Aniline	1	0		4.63	50.17	50			2.127	2.135	0.34	
Pentachloroethane	1	0		4.67	54.21	50			0.529	0.573	8.42	
bis(2-Chloroethyl)ether	1	0		4.72	52.07	50			1.562	1.627	4.14	
Phenol-d5	1	0	S	4.63	52.72	50			1.908	2.012	5.44	
Phenol	1	0	CC	4.65	52.03	50	20		2.259	2.351	4.06	
2-Chlorophenol	1	0		4.73	51.52	50			1.513	1.559	3.04	
1,3-Dichlorobenzene	1	0		4.88	49.94	50			1.529	1.527	0.12	
1,4-Dichlorobenzene	1	0	CC	4.95	50.10	50	20		1.557	1.560	0.20	
1,2-Dichlorobenzene	1	0		5.08	50.65	50			1.467	1.486	1.30	
Benzyl alcohol	1	0		5.08	50.95	50			1.003	1.022	1.90	
bis(2-chloroisopropyl)ether	1	0		5.20	52.85	50			2.624	2.774	5.70	
2-Methylphenol	1	0		5.19	48.94	50			1.417	1.387	2.12	
Hexachloroethane	1	0		5.36	50.65	50			0.668	0.677	1.30	
N-Nitroso-di-n-propylamine	1	0	CP	5.30	52.78	50	0.05		1.110	1.172	5.56	
3&4-Methylphenol	1	0		5.32	49.77	50			1.503	1.496	0.46	
Naphthalene-d8	1	0	I	5.97	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.41	24.96	25			0.160	0.160	0.16	
Nitrobenzene	1	0		5.43	51.92	50			0.410	0.426	3.84	
Isophorone	1	0		5.63	50.08	50			0.727	0.729	0.16	
2-Nitrophenol	1	0	CC	5.69	53.46	50	20		0.179	0.192	6.92	
2,4-Dimethylphenol	1	0		5.74	50.32	50			0.368	0.371	0.64	
Benzoic Acid	1	0		5.80	39.60	50			0.089	0.070	20.80	
bis(2-Chloroethoxy)methane	1	0		5.82	49.62	50			0.446	0.443	0.76	
2,4-Dichlorophenol	1	0	CC	5.87	49.16	50	20		0.284	0.280	1.68	
1,2,4-Trichlorobenzene	1	0		5.93	49.57	50			0.293	0.291	0.86	
Naphthalene	1	0		5.99	49.36	50			1.412	1.394	1.28	
4-Chloroaniline	1	0		6.04	51.69	50			0.405	0.419	3.38	
Hexachlorobutadiene	1	0	CC	6.09	50.01	50	20		0.156	0.156	0.02	
4-Chloro-3-methylphenol	1	0	CC	6.41	49.21	50	20		0.322	0.317	1.58	
2-Methylnaphthalene	1	0		6.51	48.86	50			0.667	0.652	2.28	
Methylnaphthalenes	1	0		6.51	48.86							
Acenaphthene-d10	1	0	I	7.30	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.64	52.28	50			0.471	0.493	4.56	
Hexachlorocyclopentadiene	1	0	CP	6.63	55.48	50	0.05		0.220	0.244	10.96	
2,4,6-Trichlorophenol	1	0	CC	6.73	48.11	50	20		0.339	0.326	3.78	
2,4,5-Trichlorophenol	1	0		6.75	50.75	50			0.363	0.369	1.50	
2-Fluorobiphenyl	1	0	S	6.79	24.86	25			1.242	1.235	0.56	
2-Chloronaphthalene	1	0		6.87	50.34	50			1.113	1.120	0.68	
1,4-Dimethylnaphthalene	1	0		7.13	50.58	50			0.834	0.844	1.16	
Dimethylnaphthalenes	1	0		7.13	50.58							
Diphenyl Ether	1	0		6.94	50.71	50			0.730	0.741	1.42	
2-Nitroaniline	1	0		6.96	53.81	50			0.502	0.540	7.62	
Acenaphthylene	1	0		7.18	50.86	50			2.293	2.333	1.72	
Dimethylphthalate	1	0		7.10	49.81	50			1.252	1.247	0.38	
2,6-Dinitrotoluene	1	0		7.14	47.90	50			0.256	0.269	4.20	
Acenaphthene	1	0	CC	7.33	50.19	50	20		1.377	1.382	0.38	
3-Nitroaniline	1	0		7.27	52.03	50			0.309	0.322	4.06	
2,4-Dinitrophenol	1	0	CP	7.36	40.98	50	0.05		0.109	0.089	18.04	
Dibenzofuran	1	0		7.47	50.29	50			1.566	1.575	0.58	
2,4-Dinitrotoluene	1	0		7.47	48.66	50			0.349	0.368	2.68	
4-Nitrophenol	1	0	CP	7.41	54.57	50	0.05		0.273	0.298	9.14	
2,3,4,6-Tetrachlorophenol	1	0		7.57	49.13	50			0.251	0.246	1.74	
Fluorene	1	0		7.75	49.79	50			1.645	1.638	0.42	
4-Chlorophenyl-phenylether	1	0		7.77	48.37	50			0.565	0.547	3.26	
Diethylphthalate	1	0		7.68	51.34	50			1.202	1.234	2.68	
4-Nitroaniline	1	0		7.78	52.78	50			0.344	0.363	5.56	
Phenanthrene-d10	1	0	I	8.63	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.81	50.82	50			0.122	0.124	1.64	
n-Nitrosodiphenylamine	1	0	CC	7.87	50.80	50	20		0.640	0.650	1.60	
2,4,6-Tribromophenol	1	0	S	7.97	53.39	50			0.091	0.097	6.78	
1,2-Diphenylhydrazine	1	0		7.90	53.26	50			1.020	1.087	6.52	
4-Bromophenyl-phenylether	1	0		8.21	49.63	50			0.216	0.214	0.74	
Hexachlorobenzene	1	0		8.25	48.65	50			0.223	0.217	2.70	
gamma-BHC	1	0		8.50	9.97	10			0.132	0.131	0.30	
Pentachlorophenol	1	0	CC	8.45	49.50	50	20		0.112	0.111	1.00	
Phenanthrene	1	0		8.65	50.47	50			1.633	1.648	0.94	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 7M18516.D **Instrument:** GCMS_7

Cont Calibration Date/Time 6/8/06 7:58:00 AM **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.71	50.16	50			1.588	1.594	0.32	
Carbazole	1	0		8.88	50.50	50			1.192	1.204	1.00	
Heptachlor	1	0		0.00	0.00	10			0.156	0.162	100.00	
Di-n-butylphthalate	1	0		9.29	54.61	50			1.325	1.447	9.22	
Heptachlor epoxide	1	0		9.82	10.82	10			0.122	0.132	8.20	
Fluoranthene	1	0	CC	9.92	50.69	50	20		1.625	1.647	1.38	
Chrysene-d12	1	0	I	11.57	40.00	40				0.000	0.00	
Pyrene	1	0		10.16	49.04	50			1.920	1.883	1.92	
Benzidine	1	0		10.10	33.05	50			0.154	0.102	33.90	
Terphenyl-d14	1	0	S	10.39	23.87	25			0.867	0.827	4.52	
Endrin	1	0		0.00	0.00	10			0.069	0.077	100.00	
Butylbenzylphthalate	1	0		11.00	47.55	50			0.588	0.624	4.90	
Methoxychlor	1	0		11.61	9.69	10			1.008	0.977	3.10	
3,3'-Dichlorobenzidine	1	0		11.57	54.52	50			0.396	0.432	9.04	
Benzo[a]anthracene	1	0		11.57	50.24	50			1.563	1.570	0.48	
Chrysene	1	0		11.61	48.61	50			1.644	1.599	2.78	
bis(2-Ethylhexyl)phthalate	1	0		11.72	56.47	50			0.800	0.903	12.94	
Perylene-d12	1	0	I	13.15	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.47	55.94	50	20		1.623	1.816	11.88	
Benzo[b]fluoranthene	1	0		12.77	47.34	50			2.157	2.042	5.32	
Benzo[k]fluoranthene	1	0		12.80	50.61	50			2.296	2.324	1.22	
Benzo[a]pyrene	1	0	CC	13.10	46.88	50	20		2.072	1.943	6.24	
Indeno[1,2,3-cd]pyrene	1	0		14.17	50.16	50			2.046	2.052	0.32	
Dibenzo[a,h]anthracene	1	0		14.20	51.06	50			1.726	1.763	2.12	
Benzo[g,h,i]perylene	1	0		14.42	50.08	50			1.864	1.867	0.16	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

0072

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19465.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/8/2006 10:37:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.66	40.00	40				0.000	0.00	
Pyridine	1	0		1.44	45.46	50			1.593	1.449	9.08	
N-Nitrosodimethylamine	1	0		1.41	51.86	50			0.931	0.965	3.72	
2-Fluorophenol	1	0	S	3.13	50.46	50			1.237	1.249	0.92	
Aniline	1	0		4.36	45.83	50			1.932	1.771	8.34	
Pentachloroethane	1	0		4.38	47.79	50			0.536	0.513	4.42	
bis(2-Chloroethyl)ether	1	0		4.45	49.59	50			1.367	1.356	0.82	
Phenol-d5	1	0	S	4.39	49.52	50			1.837	1.819	0.96	
Phenol	1	0	CC	4.41	48.83	50	20		1.823	1.781	2.34	
2-Chlorophenol	1	0		4.47	48.49	50			1.522	1.476	3.02	
1,3-Dichlorobenzene	1	0		4.60	48.52	50			1.528	1.482	2.96	
1,4-Dichlorobenzene	1	0	CC	4.68	48.19	50	20		1.567	1.510	3.62	
1,2-Dichlorobenzene	1	0		4.81	48.92	50			1.496	1.463	2.16	
Benzyl alcohol	1	0		4.83	47.09	50			0.966	0.910	5.82	
bis(2-chloroisopropyl)ether	1	0		4.95	48.05	50			1.836	1.764	3.90	
2-Methylphenol	1	0		4.96	46.58	50			1.391	1.296	6.84	
Hexachloroethane	1	0		5.09	48.18	50			0.748	0.721	3.64	
N-Nitroso-di-n-propylamine	1	0	CP	5.06	47.37	50	0.05		1.310	1.241	5.26	
3&4-Methylphenol	1	0		5.09	45.26	50			1.506	1.363	9.48	
Naphthalene-d8	1	0	I	5.73	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.16	25.32	25			0.160	0.162	1.28	
Nitrobenzene	1	0		5.18	46.91	50			0.488	0.458	6.18	
Isophorone	1	0		5.39	47.31	50			0.810	0.767	5.38	
2-Nitrophenol	1	0	CC	5.44	48.44	50	20		0.201	0.195	3.12	
2,4-Dimethylphenol	1	0		5.52	47.17	50			0.423	0.399	5.66	
Benzoic Acid	1	0		5.67	48.58	50			0.134	0.130	2.84	
bis(2-Chloroethoxy)methane	1	0		5.58	47.61	50			0.422	0.402	4.78	
2,4-Dichlorophenol	1	0	CC	5.65	47.13	50	20		0.303	0.286	5.74	
1,2,4-Trichlorobenzene	1	0		5.69	48.51	50			0.329	0.320	2.98	
Naphthalene	1	0		5.75	47.54	50			1.489	1.416	4.92	
4-Chloroaniline	1	0		5.81	48.28	50			0.410	0.396	3.44	
Hexachlorobutadiene	1	0	CC	5.85	47.41	50	20		0.198	0.187	5.18	
4-Chloro-3-methylphenol	1	0	CC	6.20	46.43	50	20		0.396	0.368	7.14	
2-Methylnaphthalene	1	0		6.27	46.84	50			0.774	0.726	6.32	
Methylnaphthalenes	1	0		6.27	46.84							
Acenaphthene-d10	1	0	I	7.03	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.39	50.58	50			0.552	0.558	1.16	
Hexachlorocyclopentadiene	1	0	CP	6.39	54.71	50	0.05		0.178	0.195	9.42	
2,4,6-Trichlorophenol	1	0	CC	6.49	51.01	50	20		0.371	0.379	2.02	
2,4,5-Trichlorophenol	1	0		6.52	48.25	50			0.403	0.388	3.50	
2-Fluorobiphenyl	1	0	S	6.55	24.94	25			1.223	1.220	0.24	
2-Chloronaphthalene	1	0		6.62	49.33	50			1.151	1.136	1.34	
1,4-Dimethylnaphthalene	1	0		6.86	48.57	50			0.952	0.925	2.86	
Dimethylnaphthalenes	1	0		6.86	48.57							
Diphenyl Ether	1	0		6.69	49.07	50			0.769	0.755	1.86	
2-Nitroaniline	1	0		6.71	47.50	50			0.513	0.487	5.00	
Acenaphthylene	1	0		6.92	49.04	50			2.581	2.531	1.92	
Dimethylphthalate	1	0		6.85	47.66	50			1.412	1.346	4.68	
2,6-Dinitrotoluene	1	0		6.90	47.55	50			0.292	0.278	4.90	
Acenaphthene	1	0	CC	7.05	48.60	50	20		1.589	1.544	2.80	
3-Nitroaniline	1	0		7.02	51.01	50			0.332	0.339	2.02	
2,4-Dinitrophenol	1	0	CP	7.11	50.40	50	0.05		0.160	0.161	0.80	
Dibenzofuran	1	0		7.19	48.25	50			1.688	1.629	3.50	
2,4-Dinitrotoluene	1	0		7.21	48.54	50			0.409	0.397	2.92	
4-Nitrophenol	1	0	CP	7.18	44.77	50	0.05		0.405	0.363	10.46	
2,3,4,6-Tetrachlorophenol	1	0		7.30	47.71	50			0.296	0.283	4.58	
Fluorene	1	0		7.47	46.18	50			1.935	1.787	7.64	
4-Chlorophenyl-phenylether	1	0		7.48	45.35	50			0.678	0.615	9.30	
Diethylphthalate	1	0		7.40	47.91	50			1.542	1.478	4.18	
4-Nitroaniline	1	0		7.51	46.88	50			0.335	0.314	6.24	
Phenanthrene-d10	1	0	I	8.31	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.55	48.38	50			0.147	0.143	3.24	
n-Nitrosodiphenylamine	1	0	CC	7.58	48.43	50	20		0.582	0.563	3.14	
2,4,6-Tribromophenol	1	0	S	7.68	49.80	50			0.072	0.072	0.40	
1,2-Diphenylhydrazine	1	0		7.61	47.49	50			1.062	1.009	5.02	
4-Bromophenyl-phenylether	1	0		7.90	46.98	50			0.211	0.198	6.04	
Hexachlorobenzene	1	0		7.95	47.20	50			0.198	0.187	5.60	
gamma-BHC	1	0		8.19	9.99	10			0.162	0.162	0.10	
Pentachlorophenol	1	0	CC	8.15	42.06	50	20		0.115	0.097	15.88	
Phenanthrene	1	0		8.34	47.52	50			1.673	1.590	4.96	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19465.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/8/2006 10:37:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.39	47.35	50			1.678	1.589	5.30	
Carbazole	1	0		8.56	46.92	50			1.125	1.056	6.16	
Heptachlor	1	0		8.80	9.59	10			0.170	0.163	4.10	
Di-n-butylphthalate	1	0		8.97	48.74	50			1.597	1.557	2.52	
Heptachlor epoxide	1	0		9.46	10.48	10			0.163	0.171	4.80	
Fluoranthene	1	0	CC	9.57	46.31	50	20		1.840	1.704	7.38	
Chrysene-d12	1	0	I	11.22	40.00	40				0.000	0.00	
Pyrene	1	0		9.82	50.80	50			1.813	1.842	1.60	
Benzidine	1	0		9.76	27.37	50			0.200	0.109	45.26	
Terphenyl-d14	1	0	S	10.04	26.04	25			0.808	0.842	4.16	
Endrin	1	0		10.24	11.74	10			0.094	0.110	17.40	
Butylbenzylphthalate	1	0		10.65	52.46	50			0.707	0.742	4.92	
Methoxychlor	1	0		11.21	9.95	10			1.691	1.683	0.50	
3,3'-Dichlorobenzidine	1	0		11.22	56.89	50			0.445	0.506	13.78	
Benzo[a]anthracene	1	0		11.21	50.39	50			1.765	1.778	0.78	
Chrysene	1	0		11.25	51.83	50			1.558	1.615	3.66	
bis(2-Ethylhexyl)phthalate	1	0		11.37	52.85	50			0.959	1.013	5.70	
Perylene-d12	1	0	I	12.79	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.11	49.26	50	20		2.533	2.496	1.48	
Benzo[b]fluoranthene	1	0		12.40	47.33	50			2.328	2.204	5.34	
Benzo[k]fluoranthene	1	0		12.43	47.30	50			2.287	2.164	5.40	
Benzo[a]pyrene	1	0	CC	12.73	48.42	50	20		2.168	2.100	3.16	
Indeno[1,2,3-cd]pyrene	1	0		13.79	47.02	50			2.224	2.092	5.96	
Dibenzo[a,h]anthracene	1	0		13.81	46.84	50			1.843	1.727	6.32	
Benzo[g,h,i]perylene	1	0		14.01	47.69	50			1.854	1.769	4.62	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

0074

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18312.D

Analysis Date/Time: 05/30/06 13:00

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	23558	4.99	93339	6.02	50968	7.35	70685	8.70	65801	11.65	47343	13.24
Eval File Area Limit:	11779-47116		46670-186678		25484-101936		35342-141370		32900-131602		23672-94686	
Eval File Rt Limit:	4.49-5.49		5.52-6.52		6.85-7.85		8.2-9.2		11.15-12.15		12.74-13.74	

Data File	Sample#											
7M18307	CAL BNA@10	29834	4.99	122704	6.02	68772	7.36	99133	8.70	89078	11.65	64694	13.24
7M18308	CAL BNA@25	27291	4.99	111922	6.02	63007	7.37	90081	8.71	84022	11.66	61762	13.24
7M18309	CAL BNA@80	22930	4.99	92163	6.02	53550	7.35	76338	8.69	69637	11.65	49893	13.23
7M18310	CAL BNA@16	20651	4.99	84228	6.02	47962	7.35	68575	8.69	63374	11.66	47222	13.24
7M18311	CAL BNA@20	28535	4.99	118630	6.03	66675	7.36	97179	8.70	90082	11.66	66173	13.24
7M18312	CAL BNA@50	23558	4.99	93339	6.02	50968	7.35	70685	8.70	65801	11.65	47343	13.24
7M18313	CAL BNA@12	19285	4.99	74666	6.02	42467	7.36	61209	8.70	57564	11.66	41643	13.25
7M18314	WMB2908	20251	4.99	78414	6.03	41293	7.38	59456	8.71	49806	11.66	32825	13.25
7M18315	AC23138-002	19825	4.99	78185	6.02	43902	7.37	62021	8.71	56720	11.66	43945	13.24
7M18316	AC23138-002(	19250	4.99	79120	6.02	41857	7.36	60496	8.70	53821	11.65	40920	13.24
7M18317	SMB2898	17836	4.99	70455	6.02	37586	7.35	53404	8.69	45511	11.65	29594	13.24
7M18318	SMB2899	19361	4.99	74074	6.02	40804	7.35	58582	8.69	46738	11.65	31688	13.23
7M18319	SMB2900	21142	4.99	82009	6.02	43772	7.35	64943	8.69	53909	11.65	33275	13.23
7M18320	SMB2901	19880	4.99	80286	6.02	43296	7.35	64612	8.69	50716	11.65	34720	13.23
7M18321	WMB2906	19737	4.99	80798	6.02	43558	7.34	63176	8.69	51224	11.65	35302	13.23
7M18322	WMB2907	20810	4.99	86395	6.02	47199	7.34	68460	8.69	55193	11.65	36315	13.23
7M18323	AC23638-009	21732	4.99	87026	6.02	49168	7.34	71171	8.69	60623	11.65	40743	13.23
7M18324	AC23638-012	20728	4.99	85117	6.02	45283	7.34	65681	8.69	57730	11.65	39263	13.23
7M18325	AC23638-013	20581	4.99	78389	6.02	44159	7.34	63966	8.69	54530	11.65	36698	13.23
7M18326	AC23639-015	18699	4.99	75623	6.02	40809	7.34	59116	8.69	49578	11.65	33452	13.23
7M18327	AC23653-008	21947	4.99	88698	6.02	48525	7.34	70023	8.69	55711	11.65	38147	13.23
7M18328	AC23668-002	22511	4.99	89267	6.02	48530	7.34	72003	8.69	58953	11.65	36845	13.23
7M18329	AC23637-009	18999	4.99	75754	6.02	42654	7.34	60066	8.69	51760	11.65	33751	13.23
7M18330	AC23637-011	18486	4.99	76804	6.02	41209	7.34	60088	8.69	53147	11.65	35647	13.23
7M18331	AC23637-012	22191	4.99	88928	6.02	49350	7.34	70713	8.69	58548	11.65	40840	13.23
7M18332	AC23637-010(	19827	4.99	80124	6.02	44212	7.34	64638	8.69	60295	11.65	45693	13.23

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19410.D

Analysis Date/Time: 06/07/06 09:29

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
Eval File Area Limit:	8745-34980		34166-136666		20398-81590		35113-140452		37184-148736		27538-110154	
Eval File Rt Limit:	4.18-5.18		5.24-6.24		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19410	CAL BNA@50	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
5M19411	CAL BNA@10	28654	4.68	114779	5.74	67538	7.04	118957	8.33	116414	11.24	89556	12.81
5M19412	CAL BNA@25	17071	4.68	72243	5.74	42647	7.04	73319	8.33	73909	11.24	54822	12.81
5M19413	CAL BNA@80	13817	4.68	55442	5.74	33285	7.04	59823	8.33	66030	11.24	46876	12.81
5M19414	CAL BNA@12	14848	4.68	59991	5.74	36895	7.04	62803	8.33	68325	11.24	45301	12.81
5M19415	CAL BNA@16	15548	4.68	60854	5.75	36702	7.04	63560	8.33	71152	11.25	44592	12.81
5M19416	CAL BNA@20	18156	4.68	74558	5.75	50562	7.04	81313	8.33	94705	11.25	57314	12.82
5M19417	SMB2909(MS	5881	4.67	25875	5.74	16203	7.04	30129	8.33	28680	11.23	25157	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19465.D

Analysis Date/Time: 06/08/06 10:37

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	27588	4.66	109464	5.73	62687	7.03	106709	8.31	101771	11.22	72205	12.79
Eval File Area Limit:	13794-55176		54732-218928		31344-125374		53354-213418		50886-203542		36102-144410	
Eval File Rt Limit:	4.16-5.16		5.23-6.23		6.53-7.53		7.81-8.81		10.72-11.72		12.29-13.29	

Data File	Sample#											
5M19466	WMB2918	16940	4.66	67816	5.72	40650	7.02	69930	8.30	66464	11.21	52355	12.78
5M19467	WMB2918(MS	21388	4.66	83611	5.73	49316	7.03	85237	8.31	82747	11.22	54941	12.79
5M19469	AC23857-002(	20834	4.66	80517	5.73	48271	7.03	86370	8.31	86442	11.22	56432	12.79
5M19470	AC23857-002(	21690	4.66	82634	5.73	50814	7.03	88828	8.31	90780	11.22	59176	12.79
5M19471	SMB2911	20051	4.66	80423	5.73	48374	7.03	85131	8.30	71704	11.21	48484	12.78
5M19472	*AC23846-006*	*22685*	*4.66*	*94528*	*5.73*	*45559*	*7.03*	*87436*	*8.30*	*51469*	*11.21*	*7396*	*12.78*
5M19473	AC23847-003(	18435	4.66	87721	5.74	50041	7.03	84850	8.30	83763	11.21	63846	12.78
5M19475	AC23843-011	20371	4.66	84864	5.73	50764	7.03	92250	8.30	78229	11.21	57785	12.78
5M19476	AC23843-012	20172	4.66	82685	5.73	51423	7.03	86081	8.30	78663	11.21	59558	12.79
5M19477	AC23843-014	20381	4.66	86005	5.72	51779	7.03	88890	8.30	73278	11.21	52550	12.78
5M19478	AC23843-010	14002	4.66	64909	5.73	55965	7.03	85485	8.32	87339	11.23	65842	12.80
5M19479	AC23847-004	20097	4.66	83591	5.73	48643	7.03	80803	8.30	69659	11.21	53003	12.79
5M19480	WMB2919	22084	4.66	93079	5.73	55161	7.03	99479	8.30	89841	11.21	66900	12.78
5M19481	WMB2919(MS	21906	4.66	87286	5.73	52760	7.03	97212	8.31	94793	11.22	59983	12.79
5M19482	SMB2912	21320	4.66	90319	5.73	52282	7.03	87970	8.30	69036	11.21	50974	12.78
5M19483	AC23854-002	19414	4.66	84124	5.73	49331	7.03	83169	8.30	66180	11.21	50043	12.78
5M19484	AC23854-003	20175	4.66	83485	5.73	49369	7.03	83482	8.30	67457	11.21	45311	12.78
5M19485	AC23854-004	18048	4.66	79374	5.73	47082	7.03	83970	8.30	71101	11.21	52928	12.78
5M19486	AC23791-010	18639	4.66	81352	5.73	50824	7.03	89107	8.30	74523	11.21	55092	12.78
5M19487	AC23843-007	13309	4.66	63085	5.73	42874	7.03	85291	8.32	87167	11.22	64619	12.79
5M19488	AC23843-008	12783	4.66	60610	5.73	40816	7.03	78759	8.32	86059	11.22	61506	12.80
5M19489	AC23846-015(	23494	4.66	95061	5.73	55403	7.03	92520	8.31	78642	11.22	57365	12.79
5M19490	AC23861-001	23214	4.66	92795	5.73	51525	7.03	85052	8.30	68748	11.21	51894	12.79
5M19491	AC23861-002	18133	4.66	75250	5.72	47467	7.03	85002	8.30	76926	11.21	55203	12.78
5M19492	MBS-B	21200	4.66	84826	5.73	53055	7.03	96494	8.31	93391	11.22	56771	12.79
5M19493	MBS-C	17655	4.66	72464	5.73	47222	7.03	90405	8.31	92164	11.22	54377	12.79
5M19494	MBS-D	18033	4.66	69400	5.73	41179	7.03	74615	8.31	75155	11.22	51365	12.79
5M19500	AC23857-003	23309	4.66	96949	5.73	57073	7.03	98989	8.30	83234	11.21	60381	12.79
5M19502	AC23859-002	18392	4.66	78225	5.73	47563	7.03	81335	8.30	70594	11.21	51329	12.78
5M19512	MECL2(LOT#	21066	4.66	90456	5.73	57330	7.03	95215	8.30	83356	11.21	60109	12.79
5M19513	MECL2(LOT#	21515	4.66	86857	5.73	54339	7.03	95798	8.31	81331	11.21	58374	12.78
5M19522	AC23877-002	17691	4.66	77200	5.73	44755	7.03	79781	8.30	68679	11.21	50762	12.79
5M19527	AC23889-003	16585	4.66	70661	5.73	41878	7.03	73854	8.30	65747	11.21	47661	12.79

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	*Acenaphthene-d10*	I6 =	Perylene-d12	*524 Internal Standard concentration =5ug/L*

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: *Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.*

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M18516.D

Analysis Date/Time: 06/08/06 07:58

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	22412	4.93	90961	5.97	49572	7.30	71088	8.63	68290	11.57	50763	13.15
Eval File Area Limit:	11206-44824		45480-181922		24786-99144		35544-142176		34145-136580		25382-101526	
Eval File Rt Limit:	4.43-5.43		5.47-6.47		6.8-7.8		8.13-9.13		11.07-12.07		12.65-13.65	

Data File	Sample#											
7M18517	WMB2918	15662	4.93	61043	5.97	35603	7.31	51931	8.64	47226	11.58	36515	13.15
7M18518	WMB2918(MS	14273	4.93	56740	5.97	31507	7.29	45737	8.62	42042	11.57	31369	13.15
7M18519	AC23842-002(	15294	4.93	64138	5.97	35489	7.30	51800	8.62	45169	11.57	33667	13.15
7M18520	AC23846-010(	15977	4.93	65700	5.97	36940	7.30	54550	8.63	47353	11.57	35241	13.15
7M18521	AC23850-006	16771	4.93	67415	5.97	38276	7.30	53779	8.62	45921	11.57	34793	13.15
7M18522	SMB2911	14040	4.93	58181	5.97	31386	7.30	46679	8.63	38307	11.57	27050	13.15
7M18523	SMB2911(MS	14623	4.93	56034	5.97	30106	7.30	44256	8.62	36042	11.57	24996	13.16
7M18524	AC23863-002	14503	4.93	61727	5.97	33991	7.30	50453	8.63	44751	11.57	34304	13.17
7M18525	AC23863-002(	16726	4.93	65685	5.97	35813	7.30	53996	8.63	47954	11.57	36910	13.15
7M18526	AC23863-002(	15922	4.93	61352	5.97	34361	7.33	52620	8.65	47483	11.58	36560	13.17
7M18527	SMB2911(MS	15591	4.93	59736	5.97	32440	7.31	49497	8.64	43720	11.57	31967	13.16
7M18528	SMB2909(MS	18712	4.93	73293	5.97	39388	7.30	58544	8.63	49724	11.57	37782	13.17
7M18529	SMB2912	16689	4.93	66924	5.97	35309	7.31	50419	8.64	44751	11.57	33959	13.18
7M18530	SMB2912(MS	16768	4.93	65025	5.97	35777	7.30	52040	8.63	46263	11.57	32952	13.17
7M18531	AC23801-010(	18421	4.93	73853	5.97	42848	7.31	63396	8.64	58400	11.57	46352	13.16
7M18532	AC23801-011(	17887	4.93	72127	5.97	38641	7.31	59975	8.64	56201	11.57	42830	13.15
7M18533	SMB2910(MS	19264	4.93	75667	5.97	40929	7.30	60236	8.63	52090	11.57	38808	13.15
7M18534	SMB2910	16549	4.93	61580	5.97	32012	7.30	46746	8.62	41210	11.57	29619	13.15
7M18535	WMB2909	18911	4.93	78070	5.97	43634	7.30	64099	8.63	55403	11.57	39758	13.15
7M18536	AC23847-001	17327	4.93	66710	5.97	36704	7.30	53108	8.62	44988	11.57	33591	13.15
7M18537	AC23847-001(	20002	4.93	80679	5.97	44863	7.29	66833	8.62	56846	11.57	41167	13.15
7M18538	AC23847-001(	15457	4.93	63778	5.97	35312	7.30	52880	8.62	44137	11.57	32393	13.15
7M18539	AC23846-006	17539	4.93	64533	5.97	32829	7.29	48797	8.62	31439	11.57	5534	13.15
7M18540	AC23861-004	15912	4.93	63732	5.97	35146	7.29	51883	8.62	44288	11.57	31551	13.15
7M18541	AC23861-004(	14155	4.93	56385	5.97	31339	7.29	47129	8.62	37609	11.57	26678	13.15
7M18542	AC23861-004(	16199	4.93	64590	5.97	36572	7.29	54440	8.62	45075	11.57	31149	13.15
7M18543	AC23862-001(	17681	4.93	69162	5.97	40209	7.29	60015	8.62	58169	11.57	41825	13.15
7M18544	AC23843-003(	17772	4.93	74852	5.97	43057	7.29	64160	8.62	60636	11.57	45000	13.15
7M18545	AC23843-006(	18204	4.93	71995	5.97	40849	7.29	62138	8.62	56754	11.57	44774	13.15
7M18546	AC23846-018(	15299	4.93	61273	5.97	32943	7.29	51329	8.62	48055	11.57	38433	13.15
7M18547	AC23809-010	16774	4.93	68951	5.97	39702	7.29	57155	8.62	54985	11.57	42187	13.15
7M18548	AC23809-011	18054	4.93	74576	5.97	41289	7.30	62141	8.62	56746	11.57	42932	13.15

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_5	GCMS_7			
	Effective Date:>	4/2/2006	4/2/2006			
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
1,2,4-Trichlorobenzene		0.48112	0.66442			
1,2-Dichlorobenzene		0.57279	0.63692			
1,2-Diphenylhydrazine		0.13540	0.19907			
1,3-Dichlorobenzene		0.69872	0.68822			
1,4-Dichlorobenzene		0.75395	0.57474			
2,4,5-Trichlorophenol		1.90731	2.25167			
2,4,6-Trichlorophenol		0.87575	1.14497			
2,4-Dichlorophenol		1.25173	0.77220			
2,4-Dimethylphenol		1.97831	1.85705			
2,4-Dinitrophenol		0.63290	8.33573			
2,4-Dinitrotoluene		0.36300	0.31673			
2,6-Dinitrotoluene		0.33223	0.27819			
2-Chloronaphthalene		0.40753	0.43633			
2-Chlorophenol		1.46616	1.13693			
2-Methylnaphthalene		3.48860	3.60898			
2-Methylphenol		3.86613	4.10689			
2-Nitroaniline		1.65875	1.64483			
2-Nitrophenol		0.80906	0.81107			
3&4-Methylphenol		4.09777	4.15720			
3,3'-Dichlorobenzidine		0.80149	1.65369			
3-Nitroaniline		2.59053	2.56705			
4,6-Dinitro-2-methylphenol		0.81217	1.76739			
4-Bromophenyl-phenylether		0.52577	0.38713			
4-Chloro-3-methylphenol		1.09820	1.07766			
4-Chloroaniline		3.02427	2.96543			
4-Chlorophenyl-phenylether		0.37938	0.36645			
4-Nitroaniline		1.55789	2.16583			
4-Nitrophenol		1.08192	0.81925			
Acenaphthene		0.25458	0.18487			
Acenaphthylene		0.24445	0.28181			
Anthracene		0.18512	0.17099			
Benzidine		8.60950	5.85520			
Benzo[a]anthracene		0.22437	0.20983			
Benzo[a]pyrene		0.16153	0.42835			
Benzo[b]fluoranthene		0.21330	0.42442			
Benzo[g,h,i]perylene		0.28685	0.20704			
Benzo[k]fluoranthene		0.31492	0.25164			
Bis(2-Chloroethoxy)methane		0.18830	0.30123			
Bis(2-Chloroethyl)Ether		0.42979	0.29604			
Bis(2-Chloroisopropyl)ether		0.22670	0.25238			
Bis(2-Ethylhexyl)phthalate		0.37409	0.23233			
Butylbenzylphthalate		0.23168	0.16304			
Carbazole		0.16304	0.23308			
Chrysene		0.18768	0.33213			
Di-n-butylphthalate		0.32056	0.39991			
Di-n-octylphthalate		0.18990	0.13964			
Dibenzo[a,h]Anthracene		0.24805	0.35521			
Dibenzofuran		1.56826	2.44257			
Diethylphthalate		0.28485	0.30443			
Dimethylphthalate		0.17556	0.29048			
Fluoranthene		0.15490	0.25704			
Fluorene		0.14916	0.26743			
Hexachlorobenzene		0.27359	0.39069			
Hexachlorobutadiene		0.62499	0.89979			
Hexachlorocyclopentadiene		4.61625	5.20855			
Hexachloroethane		0.68089	0.85980			
Indeno[1,2,3-cd]pyrene		0.18027	0.24421			
Isophorone		0.14122	0.19695			
N-Nitroso-Di-N-Propylamine		0.25554	0.31790			
N-Nitrosodimethylamine		8.76284	8.48752			
N-Nitrosodiphenylamine		0.15460	0.41332			
Naphthalene		0.44300	0.34812			
Nitrobenzene		0.23616	0.39971			
Pentachlorophenol		0.76064	1.40033			
Phenanthrene		0.22941	0.23368			
Phenol		1.45724	1.40360			
Pyrene		0.14695	0.26024			

Analysis Type: SOLIDS

Batch Number: SOLIDS-3925 **Units: Percent**

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23850-001	NA	NA	20	90.99099	NA	0.088	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23850-001	DUP		91		100	90.991	1	12.1	11.1			06/07/06	na
AC23850-001	Sample		91		100	91.071	1	12.2	11.2			06/07/06	na
AC23850-002	Sample		93		100	92.857	1	12.2	11.4			06/07/06	na
AC23850-003	Sample		92		100	92.105	1	12.4	11.5			06/07/06	na
AC23850-004	Sample		91		100	91.379	1	12.6	11.6			06/07/06	na
AC23850-005	Sample		78		100	77.586	1	12.6	10.0			06/07/06	na
AC23854-001	Sample		87		100	87.387	1	12.1	10.7			06/07/06	na
AC23854-002	Sample		78		100	78.378	1	12.1	9.7			06/07/06	na
AC23854-003	Sample		77		100	77.391	1	12.5	9.9			06/07/06	na
AC23854-004	Sample		85		100	85.455	1	12.0	10.4			06/07/06	na
AC23855-004	Sample		78		100	78.378	1	12.1	9.7			06/07/06	na
AC23855-005	Sample		82		100	81.739	1	12.5	10.4			06/07/06	na
AC23861-001	Sample		94		100	93.913	1	12.5	11.8			06/07/06	na
AC23861-002	Sample		91		100	91.071	1	12.2	11.2			06/07/06	na
AC23861-003	Sample		91		100	91.15	1	12.3	11.3			06/07/06	na
AC23861-004	Sample		88		100	87.5	1	12.2	10.8			06/07/06	na
AC23861-005	Sample		88		100	88.393	1	12.2	10.9			06/07/06	na
AC23863-001	Sample		89		100	88.596	1	12.4	11.1			06/07/06	na
AC23863-002	Sample		91		100	91.15	1	12.3	11.3			06/07/06	na
AC23864-001	Sample		84		100	84.348	1	12.5	10.7			06/07/06	na
AC23870-001	Sample		85		100	85.455	1	12.0	10.4			06/07/06	na

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

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Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

NELAP Accredited

Environ International Corp.

Format: NJDEP-R

Project: Promenade Edgewater

PO Number:

Samples submitted on: 6/13/2006

AC23989-001
AC23989-002
AC23989-003
AC23989-004

Date: 6/28/2006

HCI Project: 6061313

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director

Or

Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

Veritech Sample Key

28-Jun-06

Lab#	SampleID
AC23989-001	SS19.5D 12001300
AC23989-002	SS19.5D 1500 1600
AC23989-003	SS19.5D 1700 1800
AC23989-004	SS19.5E 1000 1200

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD**

175 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

Project#(Lab Use Only): 6061313 | Page 1 of 1

Customer Information

1a) Customer: ENVIRON International Corp
Address: 214 Carnegie Ctr. Princeton, NJ
1b) Email/Cell/Fax/Ph:
1c) Send Invoice To: Jose Sanchez
1d) Send Report To: Jose Sanchez JSanchez@environcorp.com

Project Information

2a) Project: Pomeroy & Edgewater
2b) Project Manager: Jose Sanchez
2c) Location (City/State): Princeton, NJ
2d) Quote#/PO# (If Applicable):

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	Red-NJ/NY/PA	Excel-NJCC
1-Week(25%)	CLP	Excel-Nytagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENVIRON

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY
Batch# AC23989

Check if Contingent===> <===Check If Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	PAH	Hold (7DAY)	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	SS19.5D 1200/1200	Soil	6/7/06	1141		X	X		1								
-002	SS19.5D 1500/1600	Soil	6/13/06	1016		X		X	1								
-003	SS19.5D 1700/1800	Soil	6/13/06	1048		X	X		1								
-004	SS19.5E 1000 1200	Soil	6/13/06	1259		X	X		1								

10) Relinquished By:	Accepted By	Date	Time
[signature]	[signature]	6/13/06	1406
[signature]	[signature]	6/13	1625

Comments, Notes, Special Requirements, HAZARDS

Cooler Tmp: 3.1

11) Sampler: Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

E000

CONDITION UPON RECEIPT

Batch Number AC23989 Entered By: frantz

Date Entered 6/13/2006 4:56:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container 3.1
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC23989-001	06/14/06 08:56	%SOL	1	A	DJ
AC23989-001	06/14/06 10:16	R12	1	A	NONE
AC23989-001	06/15/06 09:40	MSL	1	A	BN
AC23989-001	06/15/06 09:42	R12	1	A	NONE
AC23989-003	06/14/06 08:56	%SOL	1	A	DJ
AC23989-003	06/14/06 10:16	R12	1	A	NONE
AC23989-003	06/15/06 09:40	MSL	1	A	BN
AC23989-003	06/15/06 09:42	R12	1	A	NONE
AC23989-004	06/14/06 08:56	%SOL	1	A	DJ
AC23989-004	06/14/06 10:16	R12	1	A	NONE
AC23989-004	06/15/06 09:40	MSL	1	A	BN
AC23989-004	06/15/06 09:42	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Laboratory Chronicle

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9000

Lab Number	Sample Description
AC23989-001	SS19.5D 12001300

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				6/14/2006	DJ	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Acenaphthylene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[a]anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[a]pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Chrysene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Fluorene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Naphthalene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Phenanthrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23989-003	SS19.5D 1700 1800

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				6/14/2006	DJ	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Acenaphthylene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[a]anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[a]pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Chrysene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Fluorene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Naphthalene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Phenanthrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270

Lab Number	Sample Description
AC23989-004	SS19.5E 1000 1200

% Solids SM2540G	Preparation Date	By	Method	Analysis Date	By	Method
% Solids				6/14/2006	DJ	SM 2540G

PAH Compounds 8270	Preparation Date	By	Method	Analysis Date	By	Method
Acenaphthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Acenaphthylene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270

Laboratory Chronicle

veritech

Benzo[a]anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[a]pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Chrysene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Fluoranthene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Fluorene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Naphthalene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Phenanthrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270
Pyrene	6/15/2006	marie	EPA3510/3550	6/15/2006	AHD	EPA 8270

8000

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File / Compound / Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	NO
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

One compound exceeded the QC criteria in the MBS, MS and MSD for batch SMB2921.

Organics Director: _____ 6/16/06

METHOD REFERENCES

6000

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals–semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis
veritech laboratories

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sonorer
Project: Promenade Edgewater

Date Submitted: 6/13/2006
Date Reported: 6/28/2006

Lab#	Sample ID	Date Collected	TestGroup/Analyte	DF	Units	RL	Result
AC23989-001	**SS19.5D 12001300**	**6/7/2006**					
			% Solids SM2540G				
			% Solids	1	percent		82
			PAH Compounds 8270				
			Acenaphthene	5	mg/kg	2.0	4.5
			Acenaphthylene	5	mg/kg	2.0	ND
			Anthracene	5	mg/kg	2.0	7.5
			Benzo[a]anthracene	5	mg/kg	2.0	13
			Benzo[a]pyrene	5	mg/kg	2.0	11
			Benzo[b]fluoranthene	5	mg/kg	2.0	16
			Benzo[g,h,i]perylene	5	mg/kg	2.0	6.9
			Benzo[k]fluoranthene	5	mg/kg	2.0	3.3
			Chrysene	5	mg/kg	2.0	12
			Dibenzo[a,h]Anthracene	5	mg/kg	2.0	2.2
			Fluoranthene	5	mg/kg	2.0	22
			Fluorene	5	mg/kg	5.1	5.5
			Indeno[1,2,3-cd]pyrene	5	mg/kg	2.0	6.2
			Naphthalene	5	mg/kg	2.0	4.0
			Phenanthrene	5	mg/kg	2.0	23
			Pyrene	5	mg/kg	2.0	24
AC23989-003	**SS19.5D 1700 1800**	**6/13/2006**					
			% Solids SM2540G				
			% Solids	1	percent		83
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.40	0.25J
			Acenaphthylene	1	mg/kg	0.40	ND
			Anthracene	1	mg/kg	0.40	0.44
			Benzo[a]anthracene	1	mg/kg	0.40	0.78
			Benzo[a]pyrene	1	mg/kg	0.40	0.66
			Benzo[b]fluoranthene	1	mg/kg	0.40	0.94
			Benzo[g,h,i]perylene	1	mg/kg	0.40	0.29J
			Benzo[k]fluoranthene	1	mg/kg	0.40	0.37J
			Chrysene	1	mg/kg	0.40	0.67
			Dibenzo[a,h]Anthracene	1	mg/kg	0.40	0.084J
			Fluoranthene	1	mg/kg	0.40	1.7
			Fluorene	1	mg/kg	1.0	0.33J
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.40	0.29J
			Naphthalene	1	mg/kg	0.40	0.17J
			Phenanthrene	1	mg/kg	0.40	1.4
			Pyrene	1	mg/kg	0.40	1.5
AC23989-004	**SS19.5E 1000 1200**	**6/13/2006**					
			% Solids SM2540G				
			% Solids	1	percent		88
			PAH Compounds 8270				
			Acenaphthene	1	mg/kg	0.38	0.19J
			Acenaphthylene	1	mg/kg	0.38	ND
			Anthracene	1	mg/kg	0.38	0.35J
			Benzo[a]anthracene	1	mg/kg	0.38	1.3
			Benzo[a]pyrene	1	mg/kg	0.38	1.1
			Benzo[b]fluoranthene	1	mg/kg	0.38	1.5
			Benzo[g,h,i]perylene	1	mg/kg	0.38	0.73
			Benzo[k]fluoranthene	1	mg/kg	0.38	0.54
			Chrysene	1	mg/kg	0.38	0.83
			Dibenzo[a,h]Anthracene	1	mg/kg	0.38	0.20J
			Fluoranthene	1	mg/kg	0.38	1.7
			Fluorene	1	mg/kg	0.95	0.17J
			Indeno[1,2,3-cd]pyrene	1	mg/kg	0.38	0.66
			Naphthalene	1	mg/kg	0.38	0.065J
			Phenanthrene	1	mg/kg	0.38	1.3
			Pyrene	1	mg/kg	0.38	2.9

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected			Lab#	Sample ID	Date Collected		
TestGroup/Analyte	DF	Units	RL	Result	TestGroup/Analyte	DF	Units	RL	Result

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2922
Client Id:
Data File: 4M10956.D
Analysis Date: 06/15/06 12:57
Date Rec/Extracted: NA-06/15/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.33	U	218-01-9	Chrysene	0.33	U
208-96-8	Acenaphthylene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
120-12-7	Anthracene	0.33	U	206-44-0	Fluoranthene	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	86-73-7	Fluorene	0.83	U
50-32-8	Benzo[a]pyrene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	85-01-8	Phenanthrene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	129-00-0	Pyrene	0.33	U

Worksheet #: 29070

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

0013

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10956.D Vial: 6
Acq On : 15 Jun 2006 12:57 Operator: AHD
Sample : SMB2922 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:34 2006 Quant Results File: 4M_0608.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 16:06:41 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	21739	40.00	ng	-0.03
19) Naphthalene-d8	5.93	136	73312	40.00	ng	-0.03
35) Acenaphthene-d10	7.51	164	40620	40.00	ng	-0.03
59) Phenanthrene-d10	9.12	188	67726	40.00	ng	-0.04
72) Chrysene-d12	12.34	240	65565	40.00	ng	-0.04
81) Perylene-d12	14.20	264	50252	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.80	112	101396	150.15	ng	-0.04
Spiked Amount 200.000			Recovery	=	75.08%	
7) Phenol-d5	4.66	99	142010	152.07	ng	-0.02
Spiked Amount 200.000			Recovery	=	76.04%	
20) Nitrobenzene-d5	5.38	128	28304	81.50	ng	-0.03
Spiked Amount 100.000			Recovery	=	81.50%	
40) 2-Fluorobiphenyl	6.86	172	99634	77.07	ng	-0.03
Spiked Amount 100.000			Recovery	=	77.07%	
62) 2,4,6-Tribromophenol	8.35	332	49971	160.26	ng	-0.03
Spiked Amount 200.000			Recovery	=	80.13%	
75) Terphenyl-d14	11.02	244	114273	66.61	ng	-0.04
Spiked Amount 100.000			Recovery	=	66.61%	

Target Compounds Qvalue

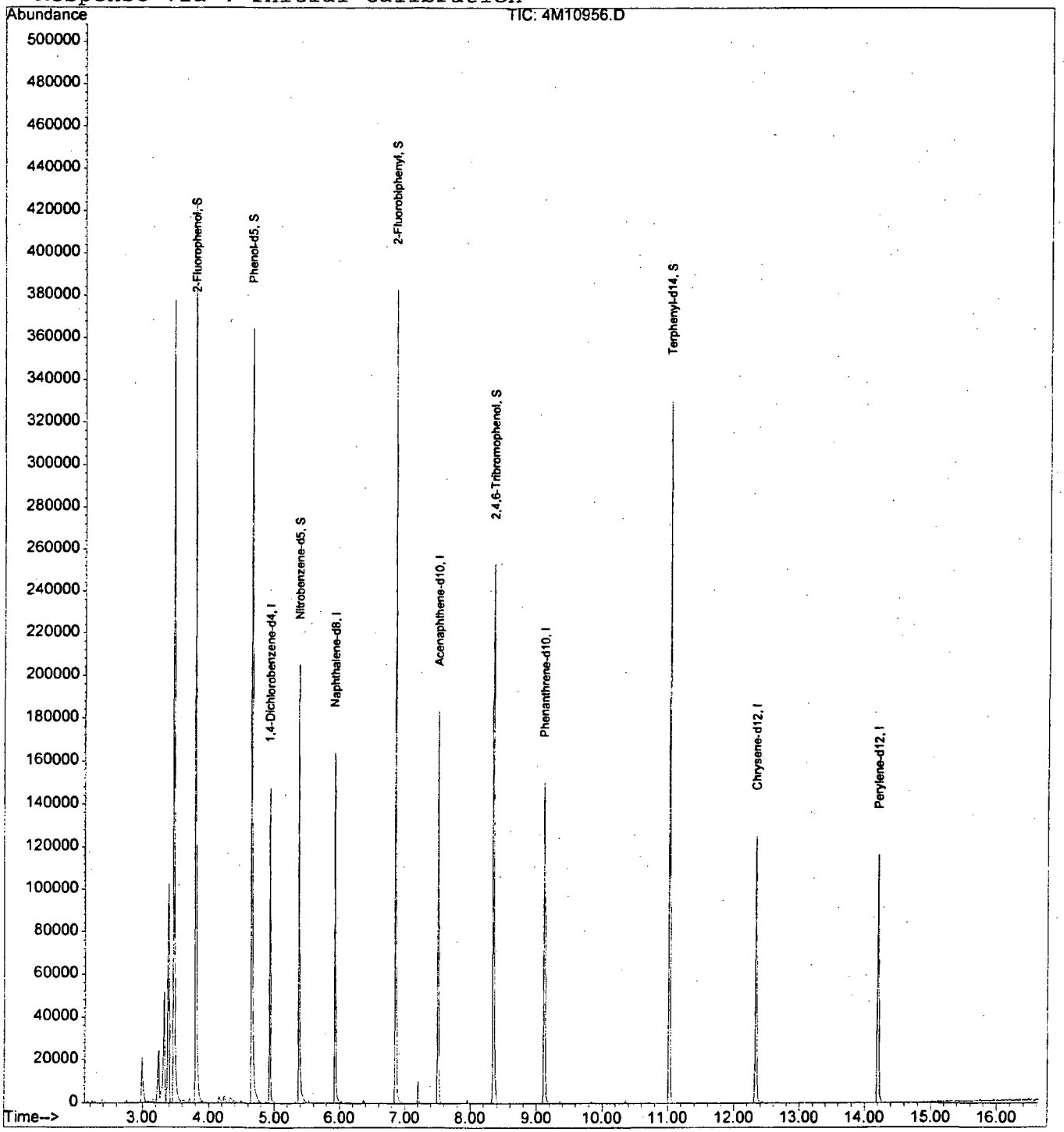
Mono

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10956.D Vial: 6
Acq On : 15 Jun 2006 12:57 Operator: AHD
Sample : SMB2922 Inst : GCMS_4
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:34 2006 Quant Results File: 4M_0608.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 15:53:42 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23989-001(5X)
Client Id: 5519.5D 12001300
Data File: 4M10955.D
Analysis Date: 06/15/06 12:05
Date Rec/Extracted: 06/13/06-06/15/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	2.0	4.5	218-01-9	Chrysene	2.0	12
208-96-8	Acenaphthylene	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	2.2
120-12-7	Anthracene	2.0	7.5	206-44-0	Fluoranthene	2.0	22
56-55-3	Benzo[a]anthracene	2.0	13	86-73-7	Fluorene	5.1	5.5
50-32-8	Benzo[a]pyrene	2.0	11	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	6.2
205-99-2	Benzo[b]fluoranthene	2.0	16	91-20-3	Naphthalene	2.0	4.0
191-24-2	Benzo[g,h,i]perylene	2.0	6.9	85-01-8	Phenanthrene	2.0	23
207-08-9	Benzo[k]fluoranthene	2.0	3.3	129-00-0	Pyrene	2.0	24

Worksheet #: 29070

Total Target Concentration 161.1

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10955.D Vial: 5
Acq On : 15 Jun 2006 12:05 Operator: AHD
Sample : AC23989-001(5X) Inst : GCMS_4
Misc : S,BN:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:35 2006 Quant Results File: 4M_0608.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 16:06:41 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.93	152	23102	40.00	ng	-0.03
19) Naphthalene-d8	5.93	136	83697	40.00	ng	-0.02
35) Acenaphthene-d10	7.51	164	48081	40.00	ng	-0.03
59) Phenanthrene-d10	9.12	188	77225	40.00	ng	-0.03
72) Chrysene-d12	12.33	240	40860	40.00	ng	-0.04
81) Perylene-d12	14.21	264	15809	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.81	112	23525	32.78	ng	-0.03
Spiked Amount 200.000			Recovery = 16.39%			
7) Phenol-d5	4.66	99	32858	33.11	ng	-0.02
Spiked Amount 200.000			Recovery = 16.56%			
20) Nitrobenzene-d5	5.38	128	7001	17.66	ng	-0.02
Spiked Amount 100.000			Recovery = 17.66%			
40) 2-Fluorobiphenyl	6.86	172	25176	16.45	ng	-0.02
Spiked Amount 100.000			Recovery = 16.45%			
62) 2,4,6-Tribromophenol	8.35	332	11699	32.91	ng	-0.03
Spiked Amount 200.000			Recovery = 16.46%			
75) Terphenyl-d14	11.03	244	21160	19.79	ng	-0.03
Spiked Amount 100.000			Recovery = 19.79%			
Target Compounds						Qvalue
29) Naphthalene	5.95	128	54624	19.81	ng	98
49) Acenaphthene	7.54	153	37800	22.21	ng	96
55) Fluorene	8.08	166	46315	27.24	ng	96
67) Phenanthrene	9.16	178	301427	115.38	ng	98
68) Anthracene	9.22	178	97950	36.87	ng	98
71) Fluoranthene	10.56	202	310604	108.73	ng	86
73) Pyrene	10.82	202	236706	119.91	ng	98
78) Benzo[a]anthracene	12.32	228	104336	65.91	ng	97
79) Chrysene	12.38	228	94769	60.16	ng	94
83) Benzo[b]fluoranthene	13.74	252	64546m	79.60	ng	
84) Benzo[k]fluoranthene	13.77	252	13831m	16.10	ng	
85) Benzo[a]pyrene	14.13	252	37539	51.97	ng	92
86) Indeno[1,2,3-cd]pyrene	15.45	276	18344	30.61	ng	85
87) Dibenzo[a,h]anthracene	15.47	278	5507	10.84	ng	97
88) Benzo[g,h,i]perylene	15.74	276	16385	33.72	ng	98

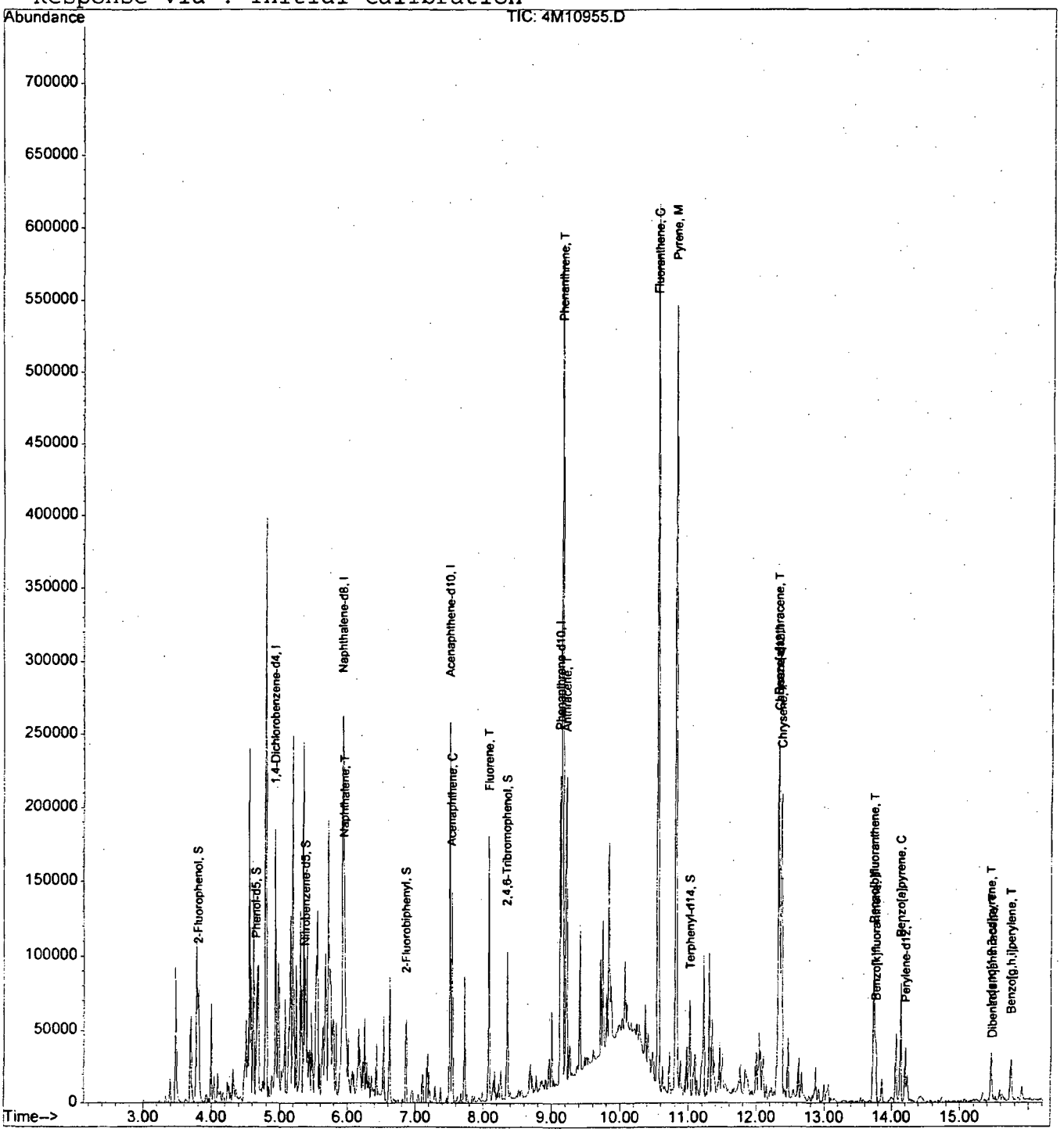
6/16/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10955.D Vial: 5
Acq On : 15 Jun 2006 12:05 Operator: AHD
Sample : AC23989-001(5X) Inst : GCMS_4
Misc : S,BN:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:35 2006 Quant Results File: 4M_0608.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 15:53:42 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23989-003
Client Id: 5519.5D 1700 1800
Data File: 4M10953.D
Analysis Date: 06/15/06 11:18
Date Rec/Extracted: 06/13/06-06/15/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 83

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.40	0.25 J	218-01-9	Chrysene	0.40	0.67
208-96-8	Acenaphthylene	0.40	U	53-70-3	Dibenzo[a,h]anthracene	0.40	0.084 J
120-12-7	Anthracene	0.40	0.44	206-44-0	Fluoranthene	0.40	1.7
56-55-3	Benzo[a]anthracene	0.40	0.78	86-73-7	Fluorene	1.0	0.33 J
50-32-8	Benzo[a]pyrene	0.40	0.66	193-39-5	Indeno[1,2,3-cd]pyrene	0.40	0.29 J
205-99-2	Benzo[b]fluoranthene	0.40	0.94	91-20-3	Naphthalene	0.40	0.17 J
191-24-2	Benzo[g,h,i]perylene	0.40	0.29 J	85-01-8	Phenanthrene	0.40	1.4
207-08-9	Benzo[k]fluoranthene	0.40	0.37 J	129-00-0	Pyrene	0.40	1.5

Worksheet #: 29070

Total Target Concentration 9.874

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10953.D Vial: 3
Acq On : 15 Jun 2006 11:18 Operator: AHD
Sample : AC23989-003 Inst : GCMS_4
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:35 2006 Quant Results File: 4M_0608.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 16:06:41 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	29616	40.00	ng	-0.03
19) Naphthalene-d8	5.93	136	100354	40.00	ng	-0.03
35) Acenaphthene-d10	7.51	164	59598	40.00	ng	-0.03
59) Phenanthrene-d10	9.13	188	102822	40.00	ng	-0.03
72) Chrysene-d12	12.34	240	67578	40.00	ng	-0.04
81) Perylene-d12	14.21	264	28556	40.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	3.80	112	121436	132.00	ng	-0.04
Spiked Amount 200.000			Recovery = 66.00%			
7) Phenol-d5	4.66	99	170576	134.08	ng	-0.02
Spiked Amount 200.000			Recovery = 67.04%			
20) Nitrobenzene-d5	5.38	128	34384	72.33	ng	-0.03
Spiked Amount 100.000			Recovery = 72.33%			
40) 2-Fluorobiphenyl	6.86	172	114815	60.53	ng	-0.03
Spiked Amount 100.000			Recovery = 60.53%			
62) 2,4,6-Tribromophenol	8.35	332	63726	134.62	ng	-0.03
Spiked Amount 200.000			Recovery = 67.31%			
75) Terphenyl-d14	11.03	244	128076	72.44	ng	-0.03
Spiked Amount 100.000			Recovery = 72.44%			
Target Compounds						Qvalue
29) Naphthalene	5.95	128	14265	4.31	ng	97
49) Acenaphthene	7.54	153	13185	6.25	ng	98
55) Fluorene	8.09	166	17370	8.24	ng	100
67) Phenanthrene	9.16	178	125279	36.02	ng	98
68) Anthracene	9.21	178	38795	10.97	ng	97
71) Fluoranthene	10.56	202	157812	41.49	ng	98
73) Pyrene	10.82	202	124282	38.07	ng	96
78) Benzo[a]anthracene	12.33	228	51033	19.49	ng	96
79) Chrysene	12.37	228	43399	16.66	ng	96
83) Benzo[b]fluoranthene	13.73	252	34212m	23.36	ng	
84) Benzo[k]fluoranthene	13.76	252	14211m	9.16	ng	
85) Benzo[a]pyrene	14.14	252	21469	16.45	ng	98
86) Indeno[1,2,3-cd]pyrene	15.47	276	7713	7.13	ng	96
87) Dibenzo[a,h]anthracene	15.49	278	1912	2.08	ng	50
88) Benzo[g,h,i]perylene	15.75	276	6333	7.22	ng	96

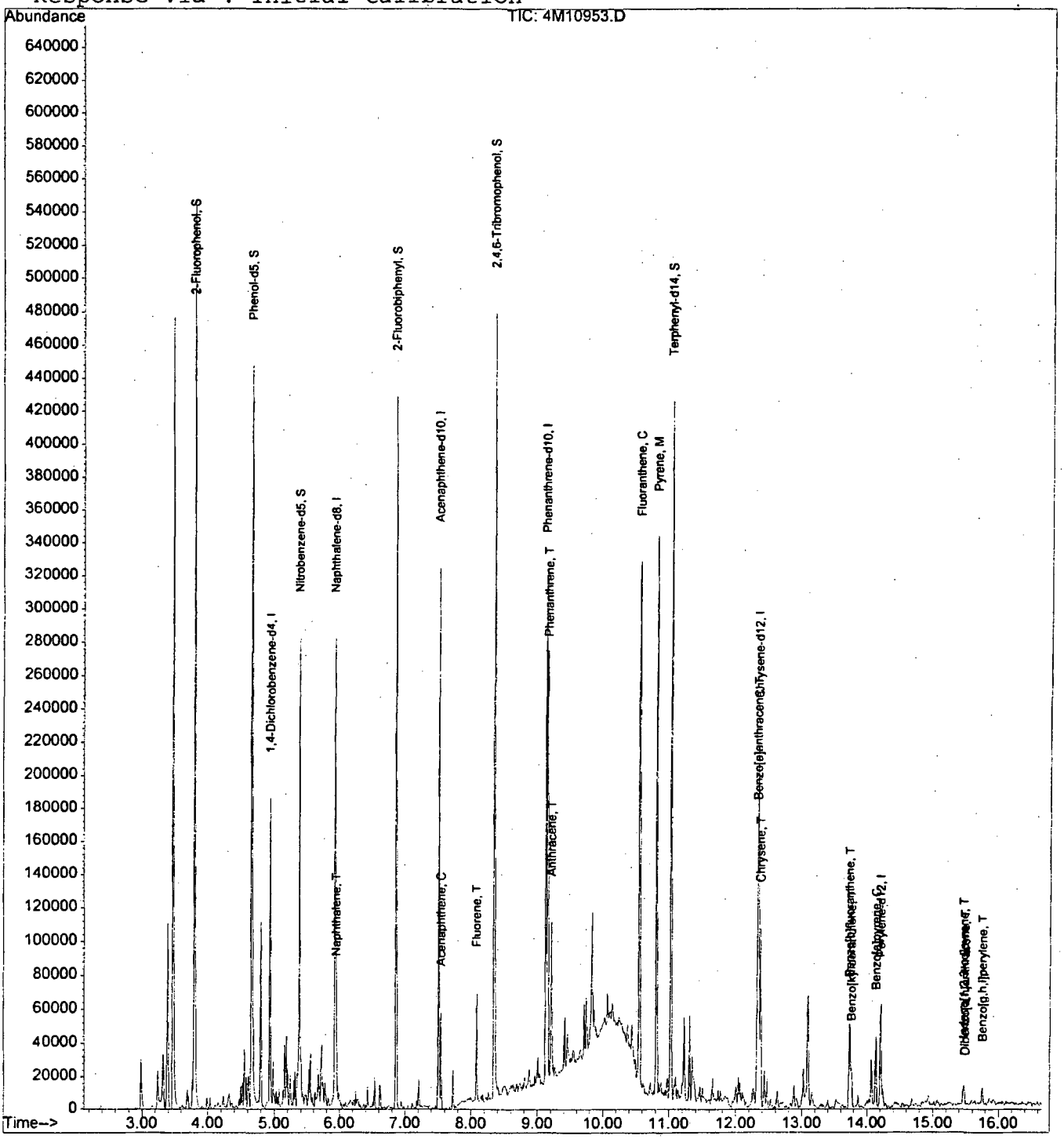
AWRE

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10953.D Vial: 3
Acq On : 15 Jun 2006 11:18 Operator: AHD
Sample : AC23989-003 Inst : GCMS_4
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:35 2006 Quant Results File: 4M_0608.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 15:53:42 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC23989-004
Client Id: 5519.5E 1000 1200
Data File: 4M10954.D
Analysis Date: 06/15/06 11:41
Date Rec/Extracted: 06/13/06-06/15/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 88

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.38	0.19 J	218-01-9	Chrysene	0.38	0.93
208-96-8	Acenaphthylene	0.38	U	53-70-3	Dibenzo[a,h]anthracene	0.38	0.20 J
120-12-7	Anthracene	0.38	0.35 J	206-44-0	Fluoranthene	0.38	1.7
56-55-3	Benzo[a]anthracene	0.38	1.3	86-73-7	Fluorene	0.95	0.17 J
50-32-8	Benzo[a]pyrene	0.38	1.1	193-39-5	Indeno[1,2,3-cd]pyrene	0.38	0.66
205-99-2	Benzo[b]fluoranthene	0.38	1.5	91-20-3	Naphthalene	0.38	0.065 J
191-24-2	Benzo[g,h,i]perylene	0.38	0.73	85-01-8	Phenanthrene	0.38	1.3
207-08-9	Benzo[k]fluoranthene	0.38	0.54	129-00-0	Pyrene	0.38	2.9

Worksheet #: 29070

Total Target Concentration 13.635

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10954.D Vial: 4
Acq On : 15 Jun 2006 11:41 Operator: AHD
Sample : AC23989-004 Inst : GCMS_4
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:35 2006 Quant Results File: 4M_0608.RES

Quant Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 16:06:41 2006
Response via : Initial Calibration
DataAcq Meth : 4M_RUN4

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.94	152	24922	40.00	ng	-0.03
19) Naphthalene-d8	5.93	136	88118	40.00	ng	-0.03
35) Acenaphthene-d10	7.51	164	54888	40.00	ng	-0.03
59) Phenanthrene-d10	9.12	188	85960	40.00	ng	-0.04
72) Chrysene-d12	12.34	240	31934	40.00	ng	-0.04
81) Perylene-d12	14.20	264	13083	40.00	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	3.81	112	120643	155.84	ng	-0.03
Spiked Amount 200.000			Recovery = 77.92%			
7) Phenol-d5	4.66	99	173479	162.04	ng	-0.02
Spiked Amount 200.000			Recovery = 81.02%			
20) Nitrobenzene-d5	5.38	128	33466	80.17	ng	-0.03
Spiked Amount 100.000			Recovery = 80.17%			
40) 2-Fluorobiphenyl	6.86	172	124097	71.04	ng	-0.03
Spiked Amount 100.000			Recovery = 71.04%			
62) 2,4,6-Tribromophenol	8.35	332	64055	161.86	ng	-0.03
Spiked Amount 200.000			Recovery = 80.93%			
75) Terphenyl-d14	11.02	244	105257	125.98	ng	-0.04
Spiked Amount 100.000			Recovery = 125.98%			
Target Compounds						Qvalue
29) Naphthalene	5.95	128	4988	1.72	ng	98
49) Acenaphthene	7.54	153	9509	4.89	ng	98
55) Fluorene	8.09	166	8593	4.43	ng	99
67) Phenanthrene	9.15	178	99355	34.17	ng	98
68) Anthracene	9.21	178	27349	9.25	ng	97
71) Fluoranthene	10.55	202	144048	45.30	ng	99
73) Pyrene	10.82	202	119749	77.62	ng	91
78) Benzo[a]anthracene	12.33	228	41519	33.56	ng	99
79) Chrysene	12.37	228	30222	24.55	ng	99
83) Benzo[b]fluoranthene	13.73	252	26898m	40.08	ng	
84) Benzo[k]fluoranthene	13.76	252	10141m	14.27	ng	
85) Benzo[a]pyrene	14.14	252	18121	30.31	ng	96
86) Indeno[1,2,3-cd]pyrene	15.46	276	8640	17.42	ng	80
87) Dibenzo[a,h]anthracene	15.48	278	2242	5.33	ng	50
88) Benzo[g,h,i]perylene	15.74	276	7787	19.36	ng	98

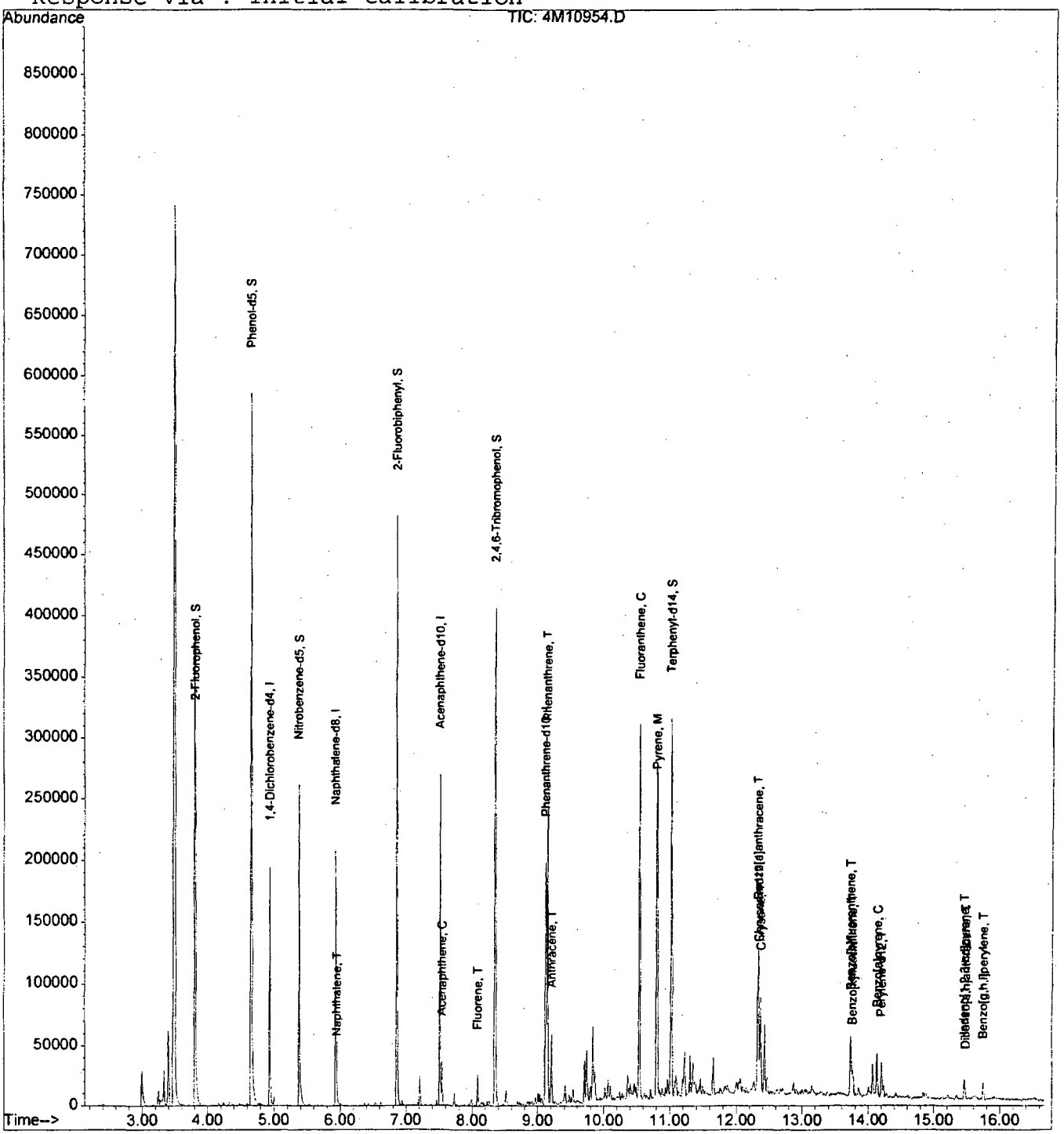
1M0810

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10954.D Vial: 4
Acq On : 15 Jun 2006 11:41 Operator: AHD
Sample : AC23989-004 Inst : GCMS_4
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 15 13:35 2006 Quant Results File: 4M_0608.RES

Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270
Last Update : Thu Jun 08 15:53:42 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G Project #: 6061313
TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC23989-001	SS19.5D 1200130	Soil	1	82	Percent			06/14/06	06/13/06	06/07/06
AC23989-003	SS19.5D 1700 18	Soil	1	83	Percent			06/14/06	06/13/06	06/13/06
AC23989-004	5SS19.5E 1000 1	Soil	1	88	Percent			06/14/06	06/13/06	06/13/06

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
4M10956	SMB2922	Soil	1		NA	NA	82	77	NA	67
5M19743	SMB2921	Soil	1		NA	NA	79	89	NA	108
4M10955	AC23989-001(5X)	Soil	5		NA	NA	88	82	NA	99
4M10953	AC23989-003	Soil	1		NA	NA	72	61	NA	72
4M10954	AC23989-004	Soil	1		NA	NA	80	71	NA	126
5M19742	SMB2921(MS)	Soil	1		NA	NA	81	94	NA	112
5M19778	AC23994-018(MS)	Soil	1		NA	NA	65	83	NA	99
5M19779	AC23994-018(MSD)	Soil	1		NA	NA	75	80	NA	98

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM 3
Spike Recovery

Batch Number: SMB2921
Mbs Name: SMB2921(MS)
Ns Name: AC23994-018
Ms Name: AC23994-018(MS)
Msd Name: AC23994-018(MS

Mbs File: 5M19742.D
Non Spk'd File: 5M19744.D
Spike File: 5M19778.D
Spike Dup File: 5M19779.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,4-Dichlorobenzene	1	0	100	28	104	27	78.83	0.00	76.24	79.70	79	76	80	4.4
N-Nitroso-di-n-propyla	1	0	100	41	126	38	85.29	0.00	79.98	80.04	85	80	80	0.08
1,2,4-Trichlorobenzene	1	0	100	38	107	23	83.50	0.00	73.49	77.48	83	73	77	5.3
Acenaphthene	1	0	100	31	137	19	68.72	31.14	100.39	92.73	69	69	62	7.9
2,4-Dinitrotoluene	1	0	100	28	89	47	90.38	0.00	201.49	162.04	90 Mo	201 Mo	162 Mo	22
Pyrene	1	0	100	35	142	36	83.12	27.23	106.03	95.03	83	79	68	11

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2921
Blank Data File: 5M19743.D
Matrix: Soil

Blank Analysis Date: 06/15/06 17:52
Blank Extraction Date: 06/15/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23994-018(MS	5M19779.D	06/16/06 13:55
AC23994-018(MS)	5M19778.D	06/16/06 13:34
SMB2921(MS)	5M19742.D	06/15/06 17:31

FORM 4
Blank Summary

Blank Number: SMB2922
Blank Data File: 4M10956.D
Matrix: Soil

Blank Analysis Date: 06/15/06 12:57
Blank Extraction Date: 06/15/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC23989-001(5X)	4M10955.D	06/15/06 12:05
AC23989-003	4M10953.D	06/15/06 11:18
AC23989-004	4M10954.D	06/15/06 11:41

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19408.D
Instrument: GCMS_5 **Analysis Date:** 06/07/06 07:57

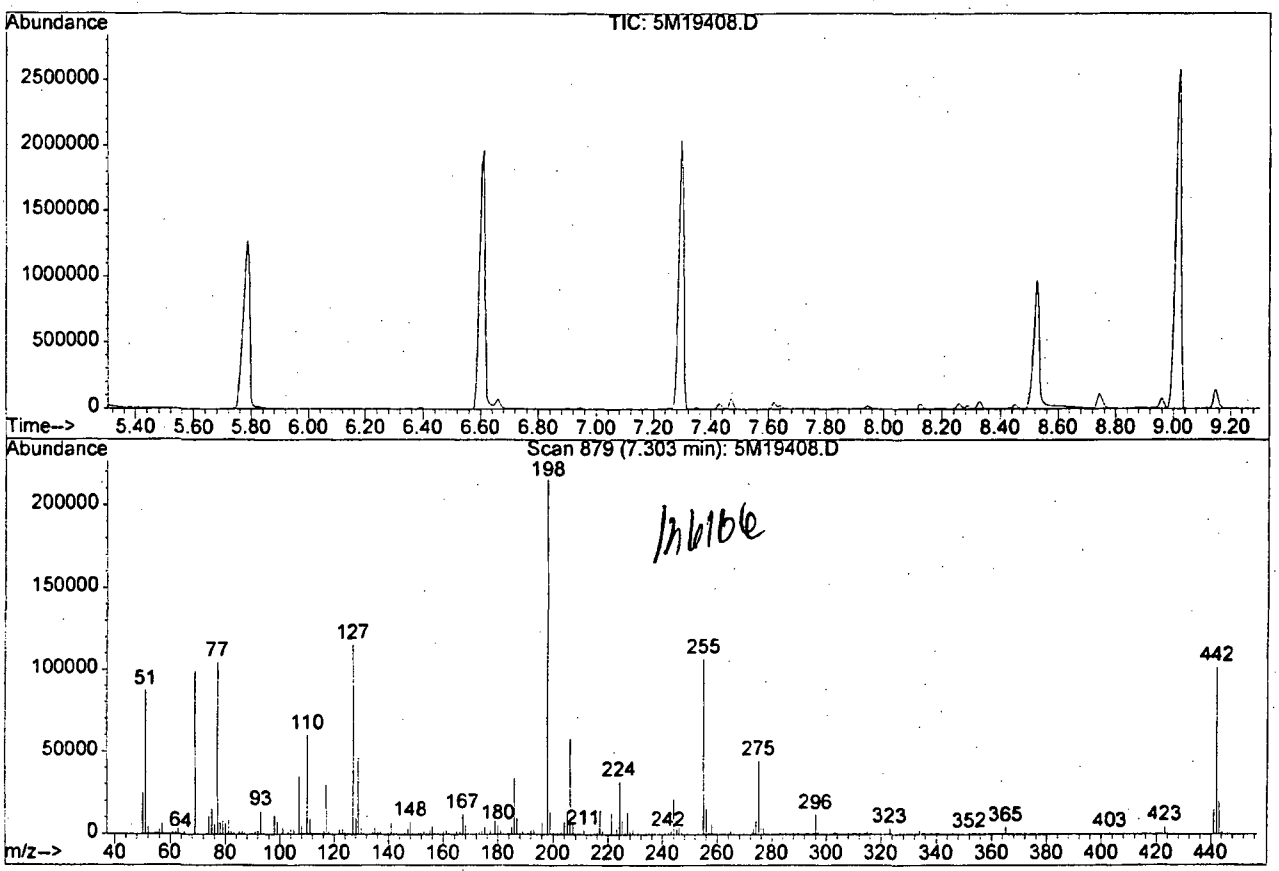
Tune Scan/Time Range: Scan 879

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Data File	Sample Number	Analysis Date:
5M19409.D	CAL BNA@50PPM	06/07/06 09:05
5M19410.D	CAL BNA@50PPM	06/07/06 09:29
5M19411.D	CAL BNA@10PPM	06/07/06 09:51
5M19412.D	CAL BNA@25PPM	06/07/06 10:12
5M19413.D	CAL BNA@80PPM	06/07/06 10:34
5M19414.D	CAL BNA@120PP	06/07/06 10:56
5M19415.D	CAL BNA@160PP	06/07/06 11:39
5M19416.D	CAL BNA@200PP	06/07/06 12:01
5M19417.D	SMB2909(MS)	06/07/06 12:22

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-07-06\5M19408.D Vial: 1
Acq On : 7 Jun 2006 7:57 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 879

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 4M10811.D
Instrument: GCMS_4 **Analysis Date:** 06/08/06 11:25

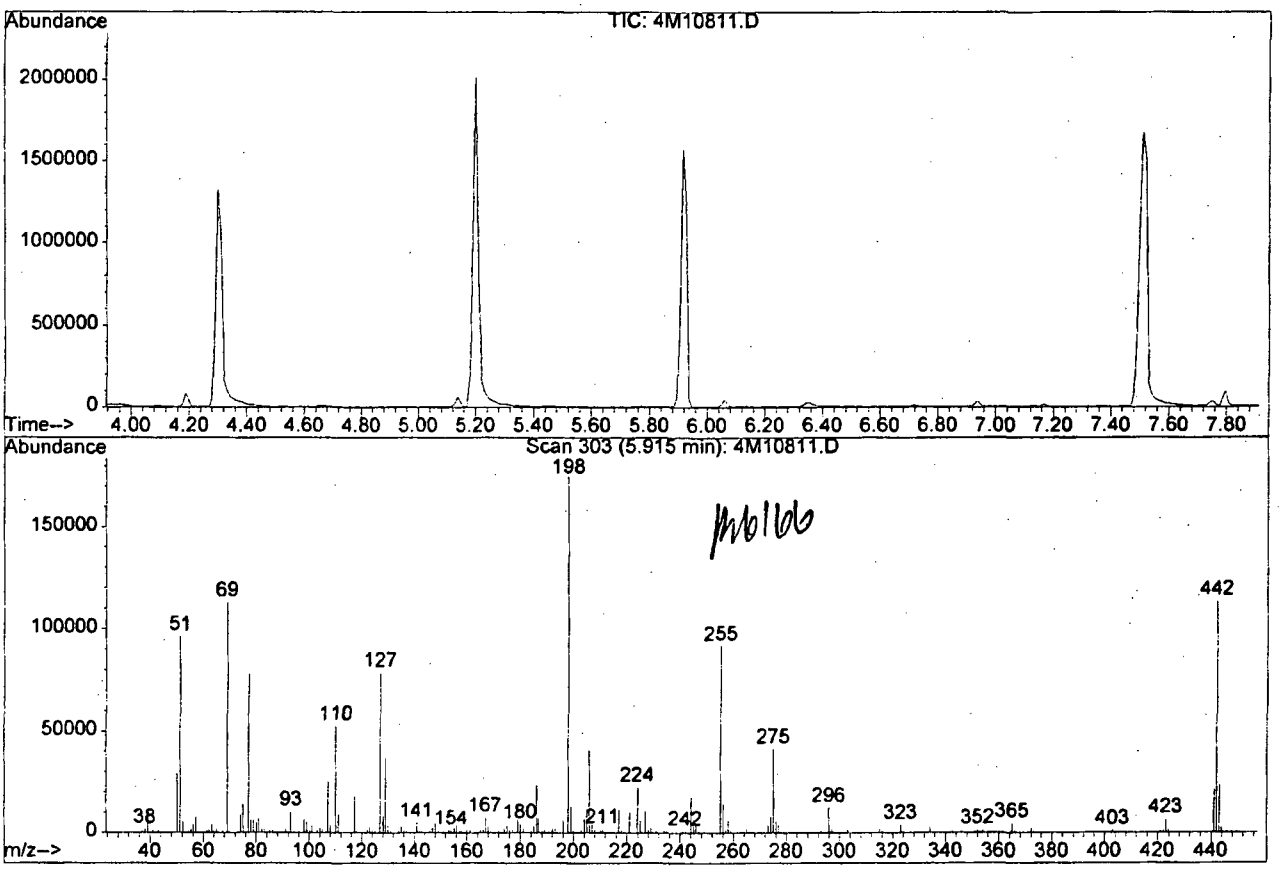
Tune Scan/Time Range: Scan 303

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	55.0	96352	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.5	112992	PASS
70	69	0.00	2	0.6	697	PASS
127	198	40	60	44.9	78544	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	175104	PASS
199	198	5	9	7.6	13334	PASS
275	198	10	30	23.6	41280	PASS
365	198	1	100	2.6	4608	PASS
441	443	0.01	100	90.3	21304	PASS
442	198	40	100	64.6	113184	PASS
443	442	17	23	20.8	23584	PASS

Data File	Sample Number	Analysis Date:
4M10812.D	CAL BNA@50PPM	06/08/06 11:57
4M10813.D	CAL BNA@50PPM	06/08/06 12:21
4M10814.D	CAL BNA@10PPM	06/08/06 12:44
4M10815.D	CAL BNA@25PPM	06/08/06 13:08
4M10816.D	CAL BNA@80PPM	06/08/06 13:32
4M10817.D	CAL BNA@120PP	06/08/06 13:55
4M10818.D	CAL BNA@160PP	06/08/06 14:19
4M10819.D	CAL BNA@200PP	06/08/06 14:43
4M10820.D	CAL BNA@10PPM	06/08/06 15:06
4M10821.D	CAL BNA@25PPM	06/08/06 15:30
4M10822.D	SMB2912	06/08/06 15:53
4M10823.D	AC23861-003	06/08/06 16:17
4M10824.D	AC23791-011	06/08/06 16:41
4M10825.D	AC23791-012	06/08/06 17:05
4M10826.D	AC23861-005	06/08/06 17:28
4M10827.D	AC23809-001	06/08/06 17:52
4M10828.D	AC23809-002	06/08/06 18:15
4M10829.D	AC23809-008	06/08/06 18:39
4M10830.D	AC23833-002	06/08/06 19:03
4M10831.D	AC23854-001(20X)	06/08/06 19:26
4M10832.D	AC23846-017(20X)	06/08/06 19:50
4M10833.D	AC23701-004(20X)	06/08/06 20:13
4M10834.D	AC23809-007(20X)	06/08/06 20:37
4M10835.D	AC23809-013(20X)	06/08/06 21:01
4M10836.D	AC23846-019(20X)	06/08/06 21:24

DFTPP

Data File : G:\GcMsData\2006\GCMS_4\Data\06-08-06\4M10811.D Vial: 1
Acq On : 8 Jun 2006 11:25 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0607.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Scan 303

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	55.0	96352	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.5	112992	PASS
70	69	0.00	2	0.6	697	PASS
127	198	40	60	44.9	78544	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	175104	PASS
199	198	5	9	7.6	13334	PASS
275	198	10	30	23.6	41280	PASS
365	198	1	100	2.6	4608	PASS
441	443	0.01	100	90.3	21304	PASS
442	198	40	100	64.6	113184	PASS
443	442	17	23	20.8	23584	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 4M10945.D
Instrument: GCMS_4 **Analysis Date:** 06/15/06 06:11

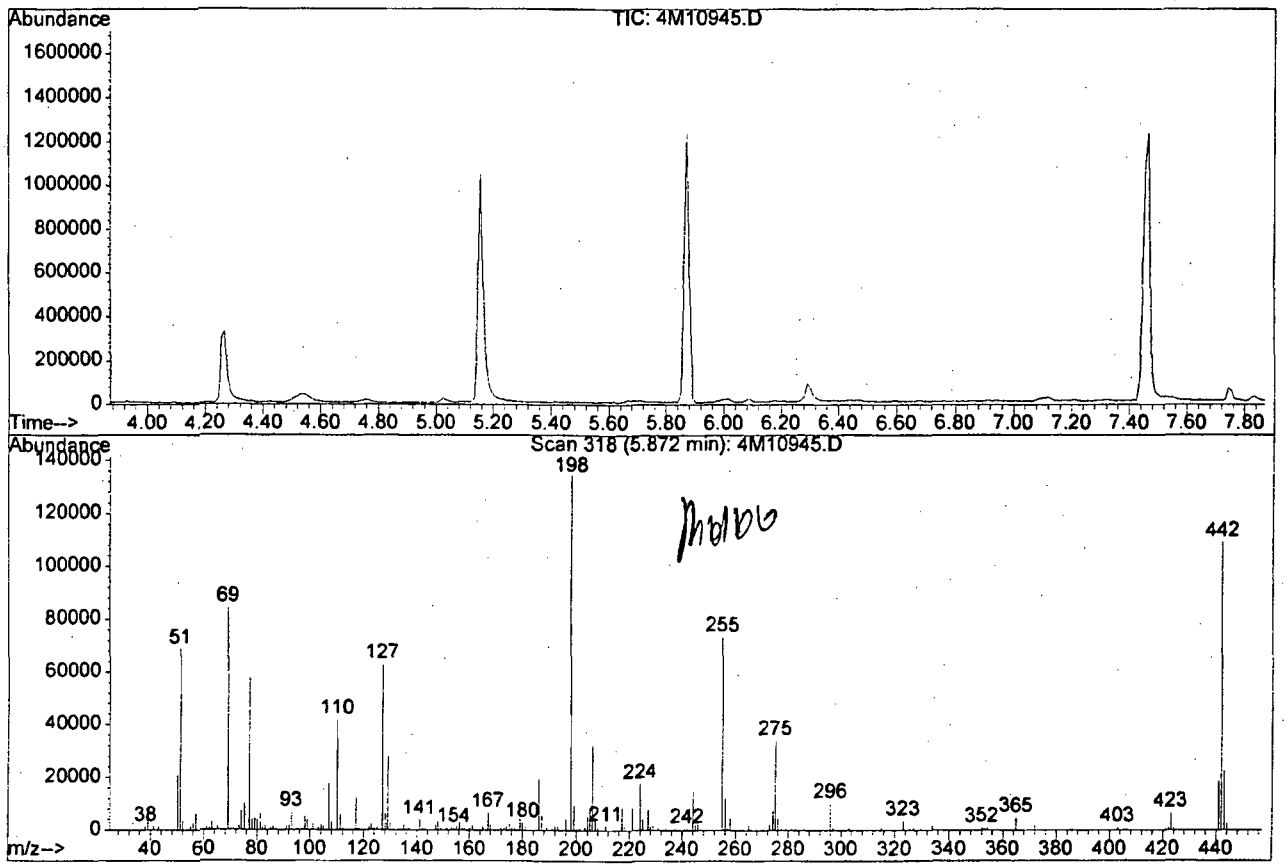
Tune Scan/Time Range: Scan 318

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	51.1	68824	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	62.5	84200	PASS
70	69	0.00	2	0.9	777	PASS
127	198	40	60	46.7	62936	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	134656	PASS
199	198	5	9	7.2	9701	PASS
275	198	10	30	25.2	33880	PASS
365	198	1	100	3.5	4733	PASS
441	443	0.01	100	81.4	18544	PASS
442	198	40	100	81.0	109048	PASS
443	442	17	23	20.9	22776	PASS

Data File	Sample Number	Analysis Date:
4M10946.D	CAL BNA@50PPM	06/15/06 06:32
4M10947.D	AC23952-001	06/15/06 06:56
4M10948.D	AC23952-002	06/15/06 07:20
4M10949.D	AC23964-001	06/15/06 07:43
4M10950.D	AC23964-002	06/15/06 08:07
4M10951.D	AC23964-003	06/15/06 08:30
4M10952.D	AC23849-009	06/15/06 08:54
4M10953.D	AC23989-003	06/15/06 11:18
4M10954.D	AC23989-004	06/15/06 11:41
4M10955.D	AC23989-001(5X)	06/15/06 12:05
4M10956.D	SMB2922	06/15/06 12:57
4M10957.D	SMB2921	06/15/06 13:39
4M10958.D	AC23993-002	06/15/06 14:02
4M10959.D	AC23993-005	06/15/06 14:26
4M10960.D	AC23993-003	06/15/06 14:49
4M10961.D	AC23993-001	06/15/06 15:13
4M10962.D	AC23994-015	06/15/06 15:36
4M10963.D	AC23994-016	06/15/06 16:00
4M10964.D	AC23993-004	06/15/06 16:23

DFTPP

Data File : G:\GcMsData\2006\GCMS_4\Data\06-15-06\4M10945.D Vial: 1
Acq On : 15 Jun 2006 6:11 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_4
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_4\METHODS\4M_0608.M (RTE Integrator)
Title : @GCMS_4,mg,625,8270



Spectrum Information: Scan 318

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	51.1	68824	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	62.5	84200	PASS
70	69	0.00	2	0.9	777	PASS
127	198	40	60	46.7	62936	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	134656	PASS
199	198	5	9	7.2	9701	PASS
275	198	10	30	25.2	33880	PASS
365	198	1	100	3.5	4733	PASS
441	443	0.01	100	81.4	18544	PASS
442	198	40	100	81.0	109048	PASS
443	442	17	23	20.9	22776	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19715.D
Instrument: GCMS_5 **Analysis Date:** 06/15/06 06:24

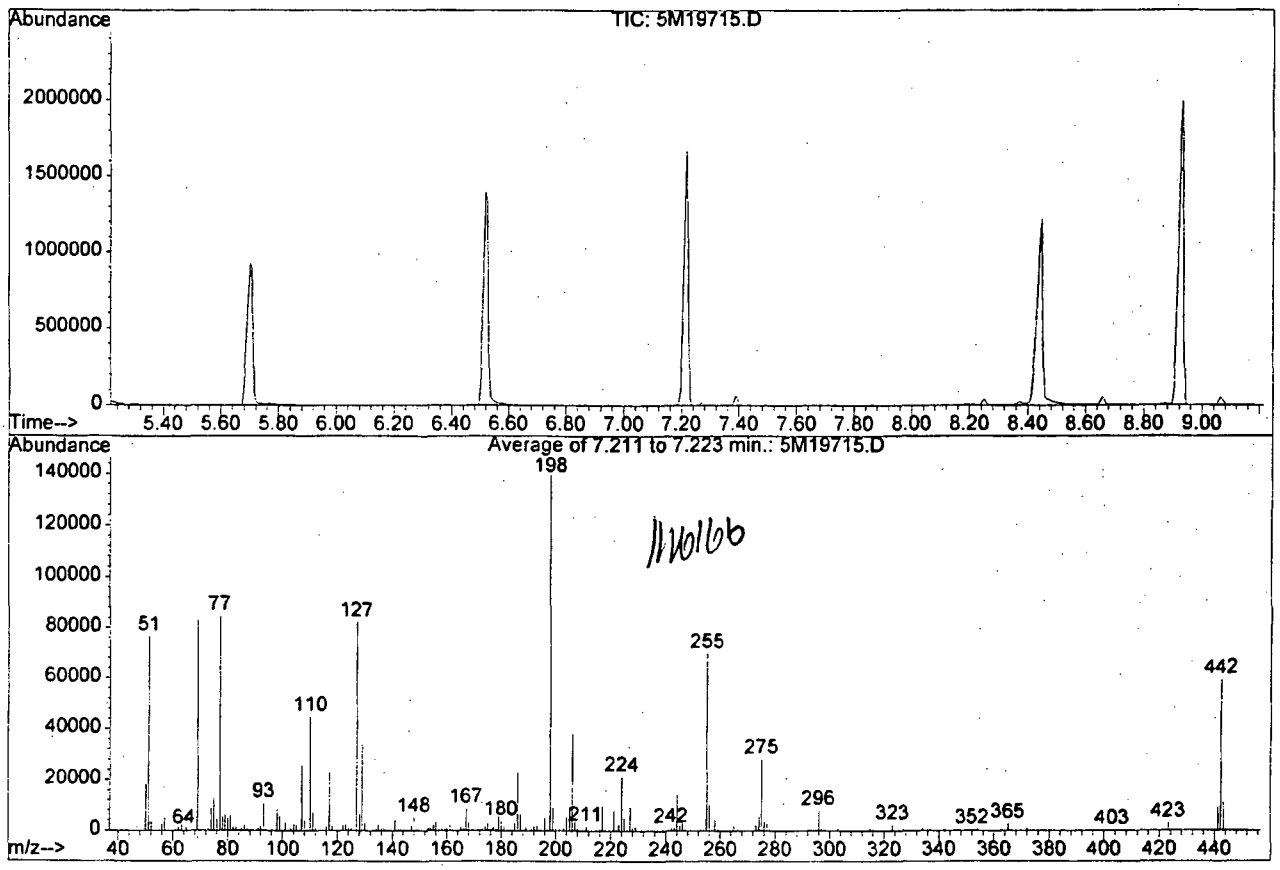
Tune Scan/Time Range: Average of 7.211 to 7.223 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	54.9	76613	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.6	83115	PASS
70	69	0.00	2	0.7	543	PASS
127	198	40	60	58.9	82173	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	139544	PASS
199	198	5	9	6.7	9409	PASS
275	198	10	30	20.2	28200	PASS
365	198	1	100	2.0	2727	PASS
441	443	0.01	100	82.7	9338	PASS
442	198	40	100	42.5	59333	PASS
443	442	17	23	19.0	11289	PASS

Data File	Sample Number	Analysis Date:
5M19716.D	CAL BNA@50PPM	06/15/06 06:51
5M19717.D	WMB2926	06/15/06 07:16
5M19718.D	AC23971-005	06/15/06 07:37
5M19719.D	WMB2926(MS)	06/15/06 08:42
5M19720.D	AC23971-005(5X)	06/15/06 09:03
5M19721.D	AC23957-003	06/15/06 09:33
5M19722.D	AC23957-004	06/15/06 09:55
5M19723.D	AC23960-002	06/15/06 10:16
5M19724.D	AC23960-003	06/15/06 10:37
5M19725.D	AC23971-005(10X)	06/15/06 10:58
5M19726.D	SMB2922(MS)	06/15/06 11:20
5M19727.D	SMB2922	06/15/06 11:41
5M19728.D	AC24004-004	06/15/06 12:32
5M19729.D	AC24008-001	06/15/06 12:53
5M19730.D	AC24008-003	06/15/06 13:14
5M19731.D	AC24011-001	06/15/06 13:36
5M19732.D	AC23994-004	06/15/06 13:57
5M19733.D	AC23994-004(MS)	06/15/06 14:20
5M19734.D	AC23994-004(MS	06/15/06 14:41
5M19735.D	WMB2927(MS)	06/15/06 15:03
5M19736.D	WMB2927	06/15/06 15:24
5M19737.D	AC23996-001	06/15/06 15:45
5M19738.D	WMB2927(MS)	06/15/06 16:06
5M19739.D	AC23996-001(MS)	06/15/06 16:28
5M19740.D	AC23996-001(MS	06/15/06 16:49
5M19741.D	AC23988-005(5X)	06/15/06 17:10
5M19742.D	SMB2921(MS)	06/15/06 17:31
5M19743.D	SMB2921	06/15/06 17:52
5M19744.D	AC23994-018	06/15/06 18:14
5M19745.D	AC23994-018(MS)	06/15/06 18:35
5M19746.D	AC23994-018(MS	06/15/06 18:56
5M19747.D	AC23979-001	06/15/06 19:17
5M19748.D	AC23996-002	06/15/06 19:39
5M19749.D	AC23995-008	06/15/06 20:00
5M19750.D	AC23995-009	06/15/06 20:21
5M19751.D	AC23995-010	06/15/06 20:43
5M19752.D	AC24003-001	06/15/06 21:04
5M19753.D	AC24003-003	06/15/06 21:25
5M19754.D	AC24003-004	06/15/06 21:47
5M19755.D	AC24003-005	06/15/06 22:08
5M19756.D	AC24003-006	06/15/06 22:29
5M19757.D	AC24004-001	06/15/06 22:51
5M19758.D	AC24004-002	06/15/06 23:12
5M19759.D	AC24004-003	06/15/06 23:33
5M19760.D	AC24011-002	06/16/06 04:53
5M19761.D	AC24012-001	06/16/06 05:14
5M19762.D	AC24012-002	06/16/06 05:35
5M19763.D	AC24016-001	06/16/06 05:57
5M19764.D	AC24021-001(50X)	06/16/06 06:18
5M19765.D	AC24021-002	06/16/06 06:40
5M19766.D	AC24021-001(20X)	06/16/06 07:14

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-15-06\5M19715.D Vial: 1
Acq On : 15 Jun 2006 6:24 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.211 to 7.223 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	54.9	76613	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	59.6	83115	PASS
70	69	0.00	2	0.7	543	PASS
127	198	40	60	58.9	82173	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	139544	PASS
199	198	5	9	6.7	9409	PASS
275	198	10	30	20.2	28200	PASS
365	198	1	100	2.0	2727	PASS
441	443	0.01	100	82.7	9338	PASS
442	198	40	100	42.5	59333	PASS
443	442	17	23	19.0	11289	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19767.D
Instrument: GCMS_5 **Analysis Date:** 06/16/06 08:54

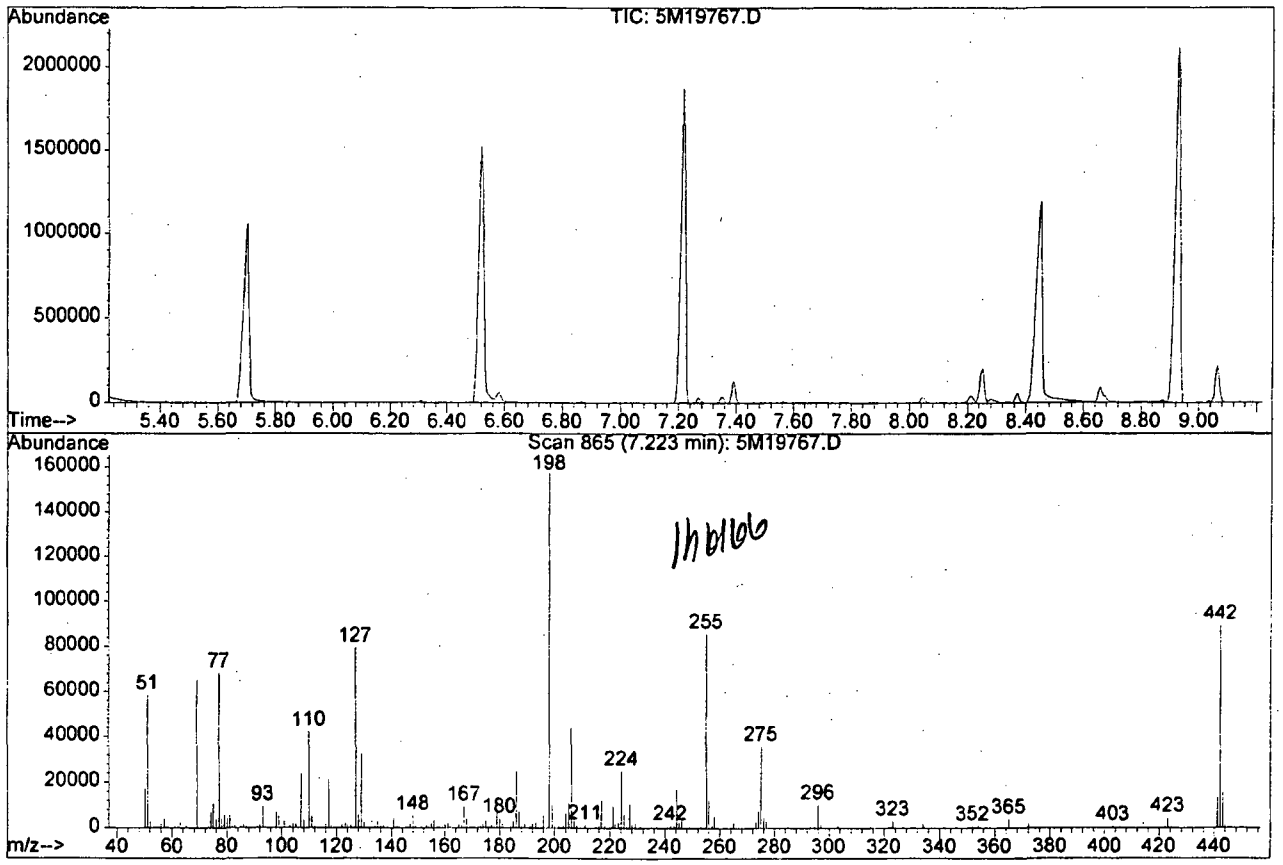
Tune Scan/Time Range: Scan 865

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	37.1	58544	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	41.5	65472	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.3	79392	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	157696	PASS
199	198	5	9	6.5	10190	PASS
275	198	10	30	22.7	35800	PASS
365	198	1	100	2.5	4015	PASS
441	443	0.01	100	84.5	13481	PASS
442	198	40	100	56.5	89152	PASS
443	442	17	23	17.9	15959	PASS

Data File	Sample Number	Analysis Date:
5M19768.D	CAL BNA@50PPM	06/16/06 09:11
5M19769.D	WMB2928	06/16/06 09:33
5M19770.D	WMB2928(MS)	06/16/06 09:54
5M19771.D	AC24019-005	06/16/06 10:15
5M19772.D	AC24019-005(MS)	06/16/06 10:36
5M19773.D	AC24019-005(MS	06/16/06 10:58
5M19774.D	AC24023-010	06/16/06 11:19
5M19775.D	WMB2929(MS)	06/16/06 11:41
5M19776.D	WMB2929	06/16/06 12:51
5M19777.D	SMB2923	06/16/06 13:13
5M19778.D	AC23994-018(MS)	06/16/06 13:34
5M19779.D	AC23994-018(MS	06/16/06 13:55
5M19780.D	AC224024-033	06/16/06 14:17

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-16-06\5M19767.D Vial: 1
Acq On : 16 Jun 2006 8:54 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 865

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	37.1	58544	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	41.5	65472	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.3	79392	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	157696	PASS
199	198	5	9	6.5	10190	PASS
275	198	10	30	22.7	35800	PASS
365	198	1	100	2.5	4015	PASS
441	443	0.01	100	84.5	13481	PASS
442	198	40	100	56.5	89152	PASS
443	442	17	23	17.9	15959	PASS

5M19767.D 5M_0607.M Fri Jun 16 15:01:50 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.5701	1.5042	1.3686	1.5204	1.6285	1.7846	1.7774	-----	1.59	1.47	0.996	0.999	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9098	0.7257	0.8089	0.9629	0.9957	0.9676	1.1440	-----	0.931	1.43	0.987	0.994	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1884	0.9907	1.0974	1.2574	1.3088	1.3360	1.4831	-----	1.24	3.17	0.993	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8056	1.8732	1.8776	1.9893	2.0339	2.0078	1.9359	-----	1.93	4.37	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5426	0.4883	0.4913	0.5361	0.5498	0.5523	0.5938	-----	0.536	4.39	0.997	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3408	1.2419	1.2854	1.4004	1.3991	1.3886	1.5127	-----	1.37	4.46	0.996	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7484	1.5565	1.6398	1.8658	1.9663	1.9523	2.1298	-----	1.84	4.41	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.7675	1.6807	1.7012	1.8095	1.8963	1.8626	2.0460	-----	1.82	4.42	0.995	0.998	6.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4506	1.3737	1.4402	1.5315	1.5830	1.5475	1.7278	-----	1.52	4.48	0.994	0.998	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5111	1.4583	1.4434	1.5241	1.5589	1.5600	1.6369	-----	1.53	4.61	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5526	1.4776	1.5413	1.5144	1.5863	1.5884	1.7059	-----	1.57	4.69	0.997	0.999	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4566	1.3688	1.4592	1.4667	1.5252	1.5403	1.6531	-----	1.50	4.82	0.996	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9212	0.8159	0.9150	1.0340	1.0122	0.9998	1.0621	-----	0.966	4.84	0.998	0.999	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.7380	1.6690	1.7399	1.8273	1.8987	1.8734	2.1034	-----	1.84	4.97	0.993	0.998	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2860	1.1948	1.3380	1.3528	1.4382	1.4560	1.6707	-----	1.39	4.97	0.988	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7219	0.6728	0.7219	0.7560	0.7719	0.7894	0.8018	-----	0.748	5.11	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2265	1.1280	1.3021	1.3499	1.3465	1.3463	1.4725	-----	1.31	5.07	0.995	0.998	8.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4151	1.2524	1.4058	1.4832	1.6114	1.6342	1.7366	-----	1.51	5.10	0.997	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1629	0.1314	0.1532	0.1656	0.1693	0.1654	0.1705	-----	0.160	5.18	1.00	1.00	8.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4796	0.4415	0.4691	0.5065	0.4964	0.5078	0.5169	-----	0.488	5.20	1.00	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8084	0.7325	0.7388	0.8343	0.8441	0.8457	0.8682	-----	0.810	5.40	1.00	1.00	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1937	0.1810	0.1857	0.2098	0.2077	0.2088	0.2233	-----	0.201	5.46	0.997	0.999	7.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4240	0.3274	0.3667	0.4338	0.4537	0.4620	0.4914	-----	0.423	5.53	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1528	-----	0.1483	0.1480	0.1194	0.1337	0.1018	-----	0.134	5.66	0.933	0.966	15	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4071	0.3791	0.4017	0.4363	0.4318	0.4347	0.4635	-----	0.422	5.59	0.998	0.999	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3038	0.2742	0.2619	0.2966	0.3075	0.3245	0.3533	-----	0.303	5.66	0.993	0.999	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3209	0.3147	0.2959	0.3274	0.3361	0.3482	0.3618	-----	0.329	5.70	0.998	1.00	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.4348	1.2766	1.3239	1.4618	1.5429	1.6214	1.7607	-----	1.49	5.76	0.994	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4214	0.4049	0.4055	0.4314	0.4111	0.4162	0.3807	-----	0.410	5.82	0.994	0.998	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1975	0.1833	0.1826	0.1977	0.2021	0.2089	0.2101	-----	0.198	5.86	0.999	1.00	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3807	0.3447	0.3561	0.3962	0.4133	0.4248	0.4542	-----	0.396	6.21	0.996	1.00	9.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	-----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	-----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5446	0.5008	0.5294	0.5546	0.5729	0.5954	0.5655	-----	0.552	6.41	0.998	0.998	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1785	0.0861	0.1286	0.1981	0.2327	0.2399	0.1845	-----	0.178	6.40	0.957	0.974	31**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3759	0.3220	0.3311	0.3850	0.3874	0.4095	0.3860	-----	0.371	6.50	0.998	0.998	8.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4004	0.3757	0.3739	0.4270	0.4097	0.4235	0.4074	-----	0.403	6.54	0.999	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2350	1.1848	1.1481	1.2469	1.2640	1.2632	1.2219	-----	1.22	6.56	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1342	1.0662	1.0693	1.1624	1.1796	1.2384	1.2086	-----	1.15	6.63	0.999	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	-----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	-----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7603	0.7050	0.7072	0.7913	0.7873	0.8415	0.7929	-----	0.769	6.70	0.998	0.998	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

6E00

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.5131	0.4682	0.4934	0.5329	0.5321	0.5484	0.5040	-----	0.513	6.72	0.996	0.998	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.4938	2.3298	2.3817	2.6417	2.7039	2.8039	2.7122	-----	2.58	6.93	0.999	0.999	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3458	1.3414	1.3073	1.4325	1.4314	1.5050	1.5197	-----	1.41	6.86	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2929	0.2684	0.2748	0.3116	0.3071	0.3024	0.2884	-----	0.292	6.91	0.997	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5193	1.4474	1.4617	1.6021	1.6618	1.7333	1.6957	-----	1.59	7.07	0.999	0.999	7.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3427	0.3395	0.3348	0.3586	0.3431	0.3313	0.2725	-----	0.332	7.03	0.968	0.994	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1338	-----	0.1006	0.1641	0.1688	0.1943	0.1968	-----	0.160	7.13	0.996	0.998	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6256	1.5298	1.5384	1.7464	1.7299	1.8202	1.8267	-----	1.69	7.20	0.999	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4041	0.3696	0.3975	0.4399	0.4271	0.4250	0.4016	-----	0.409	7.22	0.997	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3991	0.3304	0.3638	0.4305	0.4134	0.4387	0.4595	-----	0.405	7.20	0.998	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2925	0.2542	0.2524	0.3123	0.3129	0.3271	0.3213	-----	0.296	7.32	0.999	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8197	1.6832	1.7143	1.9328	2.0337	2.1974	2.1647	-----	1.94	7.48	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6273	0.6326	0.6164	0.6803	0.6972	0.7472	0.7463	-----	0.678	7.49	0.998	0.999	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5301	1.4786	1.4444	1.6003	1.5580	1.6235	1.5610	-----	1.54	7.42	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3493	0.3054	0.3249	0.3679	0.3314	0.3492	0.3195	-----	0.335	7.52	0.994	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1414	-----	0.1226	0.1452	0.1532	0.1556	0.1661	-----	0.147	7.56	0.998	0.999	10	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5755	0.5216	0.5501	0.5778	0.5968	0.6139	0.6349	-----	0.582	7.60	0.999	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0704	0.0654	0.0613	0.0725	0.0765	0.0765	0.0813	-----	0.0720	7.69	0.998	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0529	1.0071	1.0006	1.0492	1.0692	1.0760	1.1777	-----	1.06	7.63	0.995	0.999	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2073	0.1997	0.1876	0.2104	0.2174	0.2248	0.2291	-----	0.211	7.92	0.999	1.00	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1952	0.1843	0.1880	0.1955	0.2046	0.2066	0.2089	-----	0.198	7.96	0.999	1.00	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1776	0.1464	0.1463	0.1584	0.1704	0.1679	0.1685	-----	0.162	8.20	0.999	0.999	7.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1103	-----	0.0791	0.1079	0.1216	0.1295	0.1423	-----	0.115	8.16	0.993	0.999	19*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5882	1.4347	1.5213	1.6222	1.7439	1.8489	1.9524	-----	1.67	8.35	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6186	1.4906	1.5368	1.6448	1.7309	1.8247	1.9021	-----	1.68	8.40	0.997	1.00	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1116	0.9961	1.0380	1.1229	1.1481	1.1953	1.2623	-----	1.12	8.58	0.997	1.00	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1746	0.1392	0.1608	0.1743	0.1764	0.1824	0.1844	-----	0.170	8.82	1.00	1.00	9.2	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5835	1.4383	1.4567	1.5850	1.6529	1.6883	1.7751	-----	1.60	8.98	0.998	1.00	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1492	-----	0.1453	0.1615	0.1718	0.1773	0.1738	-----	0.163	9.48	0.999	0.999	8.2	10.00		5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8069	1.6091	1.6427	1.8077	1.8917	2.0142	2.1086	-----	1.84	9.59	0.996	1.00	9.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.8098	1.7763	1.7623	1.7523	1.8668	1.8542	1.8674	-----	1.81	9.83	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1460	0.3898	0.1620	0.1306	0.1701	-----	-----	-----	0.200	9.78	0.936	0.994	54	50.00	10.00	25.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	0.8214	0.8088	0.7967	0.7992	0.8120	0.8056	0.8120	-----	0.808	10.06	1.00	1.00	1.0	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0899	0.0867	0.0875	0.1021	0.0956	0.1003	0.0926	-----	0.0935	10.26	0.995	0.997	6.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.7194	0.6932	0.6842	0.6876	0.7189	0.7092	0.7355	-----	0.707	10.67	0.999	1.00	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.7068	1.5663	1.6589	1.6803	1.7142	1.7646	1.7469	-----	1.69	11.23	1.00	1.00	3.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4664	0.4566	0.4597	0.4508	0.4210	0.4129	-----	-----	0.445	11.24	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0		
Benzo[a]anthracene	1	0	Avg	1.7648	1.7126	1.7209	1.7400	1.7515	1.8152	1.8468	-----	1.76	11.23	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6134	1.5586	1.5484	1.5721	1.5431	1.5195	1.5524	-----	1.56	11.27	1.00	1.00	1.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9754	0.9391	0.9642	0.9253	0.9525	0.9621	0.9911	-----	0.959	11.39	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3949	2.1173	2.2553	2.4050	2.6300	2.8374	3.0899	-----	2.53	12.13	0.989	1.00	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2491	2.0364	2.1102	2.2641	2.3365	2.5468	2.7520	-----	2.33	12.42	0.992	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0700

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.2109	2.1113	2.2096	2.2694	2.3092	2.4341	2.4669	----	2.29	12.46	0.998	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0747	1.9526	2.0188	2.1572	2.1905	2.3574	2.4242	----	2.17	12.75	0.997	1.00	8.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.1651	1.9911	2.0746	2.2593	2.2932	2.3919	2.3922	----	2.22	13.81	0.999	1.00	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7641	1.6378	1.7362	1.8788	1.8574	1.9966	2.0291	----	1.84	13.83	0.998	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8031	1.7376	1.8521	1.9181	1.8215	1.9501	1.8961	----	1.85	14.03	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

T700

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M10813.	CAL BNA@50PPM	06/08/06 12:21	2	4M10820.	CAL BNA@10PPM	06/08/06 15:06
3	4M10821.	CAL BNA@25PPM	06/08/06 15:30	4	4M10816.	CAL BNA@80PPM	06/08/06 13:32
5	4M10817.	CAL BNA@120PPM	06/08/06 13:55	6	4M10818.	CAL BNA@160PPM	06/08/06 14:19
7	4M10819.	CAL BNA@200PPM	06/08/06 14:43				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.6137	0.7407	1.2700	1.6117	1.5163	1.6780	1.7050	-----	1.45	2.41	0.997	0.998	24	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9333	0.3390	0.7783	1.1688	0.9743	1.0647	1.1005	-----	0.908	2.34	0.993	0.994	31	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.2534	0.9832	1.2161	1.3747	1.2925	1.3262	1.2513	-----	1.24	3.84	0.997	0.999	10	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8809	1.8542	1.9507	1.9593	1.6884	1.5191	1.2133	-----	1.72	4.70	0.930	0.997	16	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.5152	1.7348	1.6426	1.5198	1.4550	1.2068	1.1772	-----	1.46	4.76	0.978	0.995	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.8871	1.6490	1.9325	1.8015	1.6429	1.6568	1.4576	-----	1.72	4.68	0.986	0.997	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	2.1643	1.8539	2.1782	2.0105	1.6776	1.5312	1.3943	-----	1.83	4.69	0.967	0.997	17*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4549	1.3892	1.5387	1.4572	1.3317	1.2823	1.2185	-----	1.38	4.79	0.994	1.00	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.6230	1.5635	1.5623	1.5009	1.3349	1.3712	1.0728	-----	1.43	4.91	0.956	0.988	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.6210	1.6394	1.5726	1.4839	1.3238	1.3720	1.0803	-----	1.44	4.97	0.960	0.988	14*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4746	1.5739	1.4876	1.3810	1.2460	1.1571	1.0871	-----	1.34	5.10	0.988	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9558	0.8063	0.9002	0.9287	0.7991	0.7536	0.6921	-----	0.834	5.09	0.980	0.998	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	3.1141	3.2754	3.1992	2.8360	2.5234	2.7559	2.2004	-----	2.84	5.18	0.969	0.984	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.1691	1.3434	1.2615	1.3182	1.0922	0.9807	0.9228	-----	1.16	5.18	0.974	0.994	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7407	0.7641	0.7589	0.6564	0.5964	0.6079	0.5540	-----	0.668	5.35	0.992	0.997	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2648	1.3098	1.2654	1.2488	1.0733	1.0639	0.9320	-----	1.17	5.29	0.980	0.997	12**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.3461	1.3494	1.4330	1.2937	1.0496	1.1139	0.9573	-----	1.22	5.30	0.977	0.991	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.2061	0.1322	0.2042	0.1915	0.2028	0.1903	0.1990	-----	0.189	5.40	0.998	0.998	14	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4583	0.5337	0.4826	0.4547	0.4215	0.4218	0.3665	-----	0.448	5.41	0.986	0.997	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8401	0.8179	0.8718	0.8630	0.8451	0.8312	0.8157	-----	0.841	5.61	0.999	1.00	2.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.2280	0.1950	0.2378	0.2371	0.2385	0.2052	0.2354	-----	0.225	5.67	0.989	0.989	7.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4238	0.3761	0.4119	0.4086	0.3863	0.3856	0.3689	-----	0.394	5.70	0.998	1.00	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1382	0.0239	0.1014	0.1103	0.1066	0.0884	0.0821	-----	0.0930	5.82	0.946	0.991	38	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.5764	0.5828	0.6044	0.5398	0.5160	0.4353	0.4690	-----	0.532	5.77	0.987	0.990	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3721	0.3548	0.3729	0.3644	0.3330	0.3034	0.2654	-----	0.338	5.86	0.971	1.00	12*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3843	0.3871	0.4063	0.3554	0.3427	0.3231	0.2922	-----	0.356	5.92	0.988	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.3231	1.5164	1.4165	1.1785	1.1538	-----	-----	-----	1.32	5.98	0.997	0.998	12	50.00	10.00	25.00	80.00	120.0			
4-Chloroaniline	1	0	Avg	0.4730	0.5104	0.5025	0.4626	0.4230	0.4054	0.3347	-----	0.445	6.04	0.967	0.996	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.2300	0.2372	0.2299	0.2243	0.2255	0.1961	0.1800	-----	0.218	6.07	0.979	0.998	9.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3924	0.3716	0.3846	0.3906	0.3676	0.3257	0.3123	-----	0.364	6.44	0.986	0.999	8.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.6941	0.7146	0.7112	0.6508	0.6135	0.5550	0.4795	-----	0.631	6.56	0.970	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes(Total)	1	0	Avg	0.6941	0.7146	0.7112	0.6508	0.6135	0.5550	0.4795	-----	0.631	6.56	0.970	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.7160	0.6990	0.6981	0.6530	0.6019	0.5913	0.6207	-----	0.654	6.71	0.996	0.996	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.3284	0.1806	0.2626	0.3514	0.3790	0.3526	0.2829	-----	0.305	6.69	0.956	0.988	22**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.4777	0.4565	0.4493	0.4818	0.4356	0.4293	0.3829	-----	0.445	6.81	0.992	0.998	7.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.5257	0.4864	0.5279	0.5283	0.4956	0.4682	0.4787	-----	0.502	6.86	0.997	0.998	5.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.3215	1.4263	1.2702	1.3302	1.2497	1.1857	1.1274	-----	1.27	6.89	0.996	1.00	7.8	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1927	1.3249	1.1908	1.1221	1.0466	1.0407	1.0343	-----	1.14	7.00	0.999	0.999	9.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitroaniline	1	0	Avg	0.6394	0.5268	0.6236	0.6566	0.6060	0.5796	0.5442	-----	0.597	7.11	0.992	1.00	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.8497	0.9808	0.8696	0.7758	0.7213	0.7588	0.6560	-----	0.802	7.32	0.988	0.994	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes(Tot	1	0	Avg	0.8497	0.9808	0.8696	0.7758	0.7213	0.7588	0.6560	-----	0.802	7.32	0.988	0.994	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7580	0.8318	0.7872	0.7717	0.7218	0.6577	0.5873	-----	0.731	7.08	0.979	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.4
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0042

Form 6
Initial Calibration

Instrument: GCMS_4

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	4M10813.	CAL BNA@50PPM	06/08/06 12:21	2	4M10820.	CAL BNA@10PPM	06/08/06 15:06
3	4M10821.	CAL BNA@25PPM	06/08/06 15:30	4	4M10816.	CAL BNA@80PPM	06/08/06 13:32
5	4M10817.	CAL BNA@120PPM	06/08/06 13:55	6	4M10818.	CAL BNA@160PPM	06/08/06 14:19
7	4M10819.	CAL BNA@200PPM	06/08/06 14:43				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Acenaphthylene	1	0	Avg	2.4987	2.7549	2.4748	2.3581	2.1287	1.8774	1.9379	-----	2.29	7.41	0.989	0.994	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.4833	1.5951	1.4592	1.4806	1.4047	1.2495	1.2459	-----	1.42	7.29	0.992	0.998	9.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.3868	0.3551	0.3537	0.3639	0.3288	0.3528	0.3414	-----	0.355	7.35	0.997	0.997	5.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5197	1.7277	1.5326	1.4155	1.3009	1.2337	1.1828	-----	1.42	7.57	0.994	1.00	14*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.4001	0.3777	0.3803	0.3974	0.3559	0.3035	0.2672	-----	0.355	7.52	0.952	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1906	-----	0.1041	0.2230	0.2323	0.2302	0.2365	-----	0.203	7.64	0.999	0.999	25**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6790	1.7878	1.6467	1.5884	1.4555	1.2978	1.3360	-----	1.54	7.76	0.991	0.995	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4925	0.4868	0.4798	0.4561	0.4308	0.4059	0.3776	-----	0.447	7.76	0.991	1.00	9.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3919	0.2373	0.2905	0.4078	0.3851	0.3851	0.3781	-----	0.354	7.70	0.995	0.999	18**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.6300	-----	1.6349	1.4202	1.2333	1.1530	-----	-----	1.41	8.11	0.980	0.996	16	50.00		25.00	80.00	120.0	160.0		
4-Chlorophenyl-phenyleth	1	0	Avg	0.6350	0.6757	0.6369	0.5795	0.4724	0.4812	0.3681	-----	0.550	8.11	0.935	0.987	20	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.6705	1.7514	1.5463	1.5691	1.3672	1.4095	1.3707	-----	1.53	8.01	0.996	0.997	9.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.4096	0.3316	0.3561	0.4038	0.3741	0.3613	0.3708	-----	0.373	8.15	0.997	0.998	7.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1572	0.0668	0.1221	0.1738	0.1663	0.1607	0.1646	-----	0.145	8.20	0.997	0.999	26	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5315	0.6312	0.5504	0.5310	0.5137	0.4599	0.4649	-----	0.526	8.25	0.995	0.998	11*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.1926	0.1643	0.1817	0.1911	0.1908	0.1812	0.1871	-----	0.184	8.38	0.999	0.999	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	0.9486	1.1014	1.0057	0.9222	0.9391	0.9844	0.8648	-----	0.967	8.29	0.991	0.993	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2592	0.2611	0.2592	0.2537	0.2514	0.2339	0.2349	-----	0.251	8.65	0.998	0.999	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.3702	0.3878	0.3668	0.3572	0.3481	0.3138	0.3327	-----	0.354	8.72	0.997	0.996	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachlorophenol	1	0	Avg	0.1892	0.0805	0.1322	0.2016	0.2026	0.2084	0.2090	-----	0.175	8.95	1.00	1.00	28*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.4628	1.6076	1.4681	1.3883	1.2760	1.1576	1.1112	-----	1.35	9.19	0.989	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.4789	1.6608	1.5102	1.3956	1.3190	1.1624	1.1044	-----	1.38	9.24	0.985	0.999	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1207	1.2003	1.1173	1.0548	0.9755	0.9082	0.9251	-----	1.04	9.44	0.996	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-butylphthalate	1	0	Avg	1.5812	1.7277	1.6447	1.4788	1.4126	1.2982	1.3127	-----	1.49	9.87	0.996	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluoranthene	1	0	Avg	1.6579	1.7751	1.6042	1.4823	1.3290	1.3621	1.1464	-----	1.48	10.58	0.978	0.994	15*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.8655	2.0014	2.0092	1.9298	1.9156	1.8945	1.9113	-----	1.93	10.84	1.00	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1195	-----	0.1288	0.1150	0.1833	0.1310	0.0602	-----	0.123	10.78	0.456	0.816	32	50.00		25.00	80.00	120.0	160.0	200.0	
Terphenyl-d14	1	0	Avg	1.0023	1.0055	0.9656	1.0536	1.0974	1.0079	1.1934	-----	1.05	11.06	0.987	0.992	7.4	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Butylbenzylphthalate	1	0	Avg	0.8054	0.8040	0.8249	0.8430	0.8497	0.8042	0.8780	-----	0.830	11.69	0.996	0.997	3.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.5288	0.5016	0.5146	0.4860	0.4756	0.4171	0.4347	-----	0.480	12.36	0.992	0.995	8.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]anthracene	1	0	Avg	1.5905	1.6591	1.5661	1.4939	1.5481	1.4341	1.5564	-----	1.55	12.36	0.996	0.997	4.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.5262	1.8251	1.6907	1.4647	1.4584	1.3176	1.5118	-----	1.54	12.41	0.990	0.992	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.0996	1.1631	1.1994	1.1188	1.1791	1.1031	1.1938	-----	1.15	12.47	0.996	0.997	3.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.6848	2.7428	2.6502	3.1308	2.9062	2.9407	3.4522	-----	2.93	13.34	0.985	0.993	9.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.0406	2.1279	1.9410	2.1032	1.9680	2.0959	2.0844	-----	2.05	13.77	0.999	0.999	3.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[k]fluoranthene	1	0	Avg	2.2514	2.6717	2.2651	2.1926	1.9735	1.8062	2.0529	-----	2.17	13.80	0.989	0.989	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	1.8494	2.1707	1.8000	1.8278	1.7025	1.7122	1.7314	-----	1.83	14.17	0.999	0.999	8.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	1.5408	1.8703	1.5348	1.4606	1.4528	1.3877	1.3670	-----	1.52	15.49	0.999	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.3163	1.5817	1.3333	1.2576	1.1857	1.1732	1.1498	-----	1.29	15.51	0.999	1.00	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.2428	1.5160	1.2771	1.1955	1.1951	1.1042	1.0754	-----	1.23	15.77	0.996	0.999	12	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags

a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 12.4

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

E700

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M10946.D **Instrument:** GCMS_4

Cont Calibration Date/Time 6/15/2006 6:32:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.94	40.00	40				0.000	0.00	
Pyridine	1	0		2.35	53.95	50			1.448	1.562	7.90	
N-Nitrosodimethylamine	1	0		2.29	48.54	50			0.908	0.882	2.92	
2-Fluorophenol	1	0	S	3.81	56.02	50			1.243	1.392	12.04	
Aniline	1	0		4.68	55.95	50			1.724	1.929	11.90	
bis(2-Chloroethyl)ether	1	0		4.74	55.95	50			1.465	1.639	11.90	
Phenol-d5	1	0	S	4.67	55.26	50			1.718	1.899	10.52	
Phenol	1	0	CC	4.68	56.15	50	20		1.830	2.055	12.30	
2-Chlorophenol	1	0		4.77	54.24	50			1.382	1.499	8.48	
1,3-Dichlorobenzene	1	0		4.89	55.28	50			1.433	1.584	10.56	
1,4-Dichlorobenzene	1	0	CC	4.95	55.87	50	20		1.442	1.611	11.74	
1,2-Dichlorobenzene	1	0		5.07	53.43	50			1.344	1.436	6.86	
Benzyl alcohol	1	0		5.07	57.71	50			0.834	0.962	15.42	
bis(2-chloroisopropyl)ether	1	0		5.16	53.03	50			2.844	3.016	6.06	
2-Methylphenol	1	0		5.16	53.18	50			1.155	1.229	6.36	
Hexachloroethane	1	0		5.33	53.10	50			0.668	0.710	6.20	
N-Nitroso-di-n-propylamine	1	0	CP	5.27	56.38	50	0.05		1.165	1.314	12.76	
3&4-Methylphenol	1	0		5.28	54.19	50			1.220	1.323	8.38	
Naphthalene-d8	1	0	I	5.93	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.38	28.94	25			0.189	0.219	15.76	
Nitrobenzene	1	0		5.39	49.19	50			0.448	0.441	1.62	
Isophorone	1	0		5.59	51.27	50			0.841	0.862	2.54	
2-Nitrophenol	1	0	CC	5.64	55.15	50	20		0.225	0.249	10.30	
2,4-Dimethylphenol	1	0		5.68	51.95	50			0.394	0.410	3.90	
Benzoic Acid	1	0		5.80	46.28	50			0.093	0.086	7.44	
bis(2-Chloroethoxy)methane	1	0		5.75	52.81	50			0.532	0.562	5.62	
2,4-Dichlorophenol	1	0	CC	5.83	55.83	50	20		0.338	0.377	11.66	
1,2,4-Trichlorobenzene	1	0		5.89	53.27	50			0.356	0.379	6.54	
Naphthalene	1	0		5.95	48.70	50			1.318	1.283	2.60	
4-Chloroaniline	1	0		6.01	55.85	50			0.445	0.497	11.70	
Hexachlorobutadiene	1	0	CC	6.05	58.96	50	20		0.218	0.257	17.92	
4-Chloro-3-methylphenol	1	0	CC	6.40	55.19	50	20		0.364	0.401	10.38	
2-Methylnaphthalene	1	0		6.54	54.77	50			0.631	0.692	9.54	
Methylnaphthalenes	1	0		6.54	54.77							
Acenaphthene-d10	1	0	I	7.52	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.68	51.95	50			0.654	0.680	3.90	
Hexachlorocyclopentadiene	1	0	CP	6.67	36.77	50	0.05		0.305	0.225	26.46	
2,4,6-Trichlorophenol	1	0	CC	6.79	54.35	50	20		0.445	0.483	8.70	
2,4,5-Trichlorophenol	1	0		6.83	53.26	50			0.502	0.534	6.52	
2-Fluorobiphenyl	1	0	S	6.86	26.36	25			1.273	1.343	5.44	
2-Chloronaphthalene	1	0		6.98	52.92	50			1.136	1.202	5.84	
2-Nitroaniline	1	0		7.09	53.19	50			0.597	0.635	6.38	
1,4-Dimethylnaphthalene	1	0		7.29	48.96	50			0.802	0.785	2.08	
Dimethylnaphthalenes	1	0		7.29	48.96							
Diphenyl Ether	1	0		7.06	52.03	50			0.731	0.760	4.06	
Acenaphthylene	1	0		7.38	48.67	50			2.290	2.229	2.66	
Dimethylphthalate	1	0		7.25	48.82	50			1.417	1.384	2.36	
2,6-Dinitrotoluene	1	0		7.32	53.06	50			0.355	0.376	6.12	
Acenaphthene	1	0	CC	7.55	50.01	50	20		1.416	1.416	0.02	
3-Nitroaniline	1	0		7.49	57.99	50			0.355	0.411	15.98	
2,4-Dinitrophenol	1	0	CP	7.62	22.78	50	0.05		0.203	0.092	54.44	
Dibenzofuran	1	0		7.72	51.07	50			1.542	1.575	2.14	
2,4-Dinitrotoluene	1	0		7.73	53.10	50			0.447	0.475	6.20	
4-Nitrophenol	1	0	CP	7.68	53.79	50	0.05		0.354	0.381	7.58	
Fluorene	1	0		8.09	53.31	50			1.414	1.508	6.62	
4-Chlorophenyl-phenylether	1	0		8.09	52.50	50			0.550	0.577	5.00	
Diethylphthalate	1	0		7.98	48.72	50			1.526	1.487	2.56	
4-Nitroaniline	1	0		8.14	55.59	50			0.373	0.414	11.18	
Phenanthrene-d10	1	0	I	9.12	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.17	37.28	50			0.145	0.108	25.44	
n-Nitrosodiphenylamine	1	0	CC	8.22	52.55	50	20		0.526	0.553	5.10	
2,4,6-Tribromophenol	1	0	S	8.36	56.08	50			0.184	0.207	12.16	
1,2-Diphenylhydrazine	1	0		8.27	55.88	50			0.967	1.080	11.76	
4-Bromophenyl-phenylether	1	0		8.62	51.46	50			0.251	0.258	2.92	
Hexachlorobenzene	1	0		8.68	53.73	50			0.354	0.380	7.46	
Pentachlorophenol	1	0	CC	8.92	50.33	50	20		0.175	0.176	0.66	
Phenanthrene	1	0		9.15	50.40	50			1.353	1.364	0.80	
Anthracene	1	0		9.22	50.88	50			1.376	1.400	1.76	
Carbazole	1	0		9.41	52.59	50			1.043	1.097	5.18	
Di-n-butylphthalate	1	0		9.84	53.20	50			1.494	1.589	6.40	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 4M10946.D **Instrument:** GCMS_4

Cont Calibration Date/Time 6/15/2006 6:32:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluoranthene	1	0	CC	10.55	55.48	50	20		1.480	1.642	10.96	
Chrysene-d12	1	0	I	12.34	40.00	40				0.000	0.00	
Pyrene	1	0		10.82	48.63	50			1.933	1.879	2.74	
Benzidine	1	0		10.74	38.40	50			0.123	0.094	23.20	
Terphenyl-d14	1	0	S	11.03	24.49	25			1.047	1.025	2.04	
Butylbenzylphthalate	1	0		11.66	49.25	50			0.830	0.817	1.50	
3,3'-*Dichlorobenzidine*	1	0		12.32	57.22	50			0.480	0.549	14.44	
Benzo[a]anthracene	1	0		12.33	52.30	50			1.550	1.621	4.60	
Chrysene	1	0		12.39	49.46	50			1.542	1.525	1.08	
bis(2-Ethylhexyl)phthalate	1	0		12.44	50.43	50			1.151	1.161	0.86	
Perylene-d12	1	0	I	14.21	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.31	44.58	50	20		2.930	2.612	10.84	
Benzo[b]fluoranthene	1	0		13.74	52.43	50			2.052	2.151	4.86	
Benzo[k]fluoranthene	1	0		13.78	43.35	50			2.173	1.884	13.30	
Benzo[a]pyrene	1	0	CC	14.14	47.71	50	20		1.828	1.744	4.58	
Indeno[1,2,3-cd]pyrene	1	0		15.46	46.63	50			1.516	1.414	6.74	
Dibenzo[a,h]anthracene	1	0		15.48	45.68	50			1.285	1.174	8.64	
Benzo[g,h,i]perylene	1	0		15.75	43.90	50			1.229	1.079	12.20	
Pentachloroethane	1	1E		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	1E		0.00	0.00	10				0.000	100.00	
Endrin	1	1E		0.00	0.00	10				0.000	100.00	
Heptachlor	1	1E		0.00	0.00	10				0.000	100.00	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	1E		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,3,4,6-Tetrachlorophenol	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	
Methoxychlor	1	1E		0.00	0.00	10				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19716.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/15/2006 6:51:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.62	40.00	40				0.000	0.00	
Pyridine	1	0		1.40	48.65	50			1.593	1.550	2.70	
N-Nitrosodimethylamine	1	0		1.37	48.53	50			0.931	0.903	2.94	
2-Fluorophenol	1	0	S	3.04	49.79	50			1.237	1.232	0.42	
Aniline	1	0		4.31	45.96	50			1.932	1.776	8.08	
Pentachloroethane	1	0		4.34	48.00	50			0.536	0.515	4.00	
bis(2-Chloroethyl)ether	1	0		4.41	50.48	50			1.367	1.380	0.96	
Phenol-d5	1	0	S	4.35	50.08	50			1.837	1.840	0.16	
Phenol	1	0	CC	4.37	47.58	50	20		1.823	1.735	4.84	
2-Chlorophenol	1	0		4.42	48.55	50			1.522	1.478	2.90	
1,3-Dichlorobenzene	1	0		4.56	49.17	50			1.528	1.502	1.66	
1,4-Dichlorobenzene	1	0	CC	4.63	47.79	50	20		1.567	1.497	4.42	
1,2-Dichlorobenzene	1	0		4.77	49.84	50			1.496	1.491	0.32	
Benzyl alcohol	1	0		4.79	48.72	50			0.966	0.941	2.56	
bis(2-chloroisopropyl)ether	1	0		4.91	48.51	50			1.836	1.781	2.98	
2-Methylphenol	1	0		4.92	48.25	50			1.391	1.342	3.50	
Hexachloroethane	1	0		5.06	50.69	50			0.748	0.758	1.38	
N-Nitroso-di-n-propylamine	1	0	CP	5.02	50.54	50	0.05		1.310	1.325	1.08	
3&4-Methylphenol	1	0		5.06	47.63	50			1.506	1.434	4.74	
Naphthalene-d8	1	0	I	5.69	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.13	24.10	25			0.160	0.154	3.60	
Nitrobenzene	1	0		5.15	48.42	50			0.488	0.473	3.16	
Isophorone	1	0		5.35	49.38	50			0.810	0.800	1.24	
2-Nitrophenol	1	0	CC	5.41	50.07	50	20		0.201	0.202	0.14	
2,4-Dimethylphenol	1	0		5.48	48.29	50			0.423	0.408	3.42	
Benzoic Acid	1	0		5.63	46.51	50			0.134	0.125	6.98	
bis(2-Chloroethoxy)methane	1	0		5.55	47.73	50			0.422	0.403	4.54	
2,4-Dichlorophenol	1	0	CC	5.62	48.05	50	20		0.303	0.291	3.90	
1,2,4-Trichlorobenzene	1	0		5.66	48.09	50			0.329	0.317	3.82	
Naphthalene	1	0		5.71	47.25	50			1.489	1.407	5.50	
4-Chloroaniline	1	0		5.78	47.24	50			0.410	0.388	5.52	
Hexachlorobutadiene	1	0	CC	5.82	46.54	50	20		0.198	0.184	6.92	
4-Chloro-3-methylphenol	1	0	CC	6.17	48.39	50	20		0.396	0.383	3.22	
2-Methylnaphthalene	1	0		6.24	47.97	50			0.774	0.743	4.06	
Methylnaphthalenes	1	0		6.24	47.97							
Acenaphthene-d10	1	0	I	6.99	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.36	48.22	50			0.552	0.532	3.56	
Hexachlorocyclopentadiene	1	0	CP	6.35	57.66	50	0.05		0.178	0.206	15.32	
2,4,6-Trichlorophenol	1	0	CC	6.46	48.71	50	20		0.371	0.361	2.58	
2,4,5-Trichlorophenol	1	0		6.49	48.85	50			0.403	0.393	2.30	
2-Fluorobiphenyl	1	0	S	6.51	24.56	25			1.223	1.202	1.76	
2-Chloronaphthalene	1	0		6.59	48.71	50			1.151	1.121	2.58	
1,4-Dimethylnaphthalene	1	0		6.83	49.52	50			0.952	0.943	0.96	
Dimethylnaphthalenes	1	0		6.83	49.52							
Diphenyl Ether	1	0		6.66	48.83	50			0.769	0.751	2.34	
2-Nitroaniline	1	0		6.68	50.49	50			0.513	0.518	0.98	
Acenaphthylene	1	0		6.88	49.48	50			2.581	2.554	1.04	
Dimethylphthalate	1	0		6.82	49.28	50			1.412	1.392	1.44	
2,6-Dinitrotoluene	1	0		6.86	49.49	50			0.292	0.289	1.02	
Acenaphthene	1	0	CC	7.02	49.47	50	20		1.589	1.572	1.06	
3-Nitroaniline	1	0		6.99	52.04	50			0.332	0.345	4.08	
2,4-Dinitrophenol	1	0	CP	7.08	45.69	50	0.05		0.160	0.146	8.62	
Dibenzofuran	1	0		7.15	47.26	50			1.688	1.596	5.48	
2,4-Dinitrotoluene	1	0		7.17	49.86	50			0.409	0.408	0.28	
4-Nitrophenol	1	0	CP	7.15	44.87	50	0.05		0.405	0.364	10.26	
2,3,4,6-Tetrachlorophenol	1	0		7.26	46.53	50			0.296	0.276	6.94	
Fluorene	1	0		7.43	47.70	50			1.935	1.846	4.60	
4-Chlorophenyl-phenylether	1	0		7.44	47.09	50			0.678	0.639	5.82	
Diethylphthalate	1	0		7.36	48.77	50			1.542	1.504	2.46	
4-Nitroaniline	1	0		7.48	48.25	50			0.335	0.324	3.50	
Phenanthrene-d10	1	0	I	8.26	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.51	48.99	50			0.147	0.144	2.02	
n-Nitrosodiphenylamine	1	0	CC	7.55	48.19	50	20		0.582	0.561	3.62	
2,4,6-Tribromophenol	1	0	S	7.64	47.99	50			0.072	0.069	4.02	
1,2-Diphenylhydrazine	1	0		7.57	48.96	50			1.062	1.040	2.08	
4-Bromophenyl-phenylether	1	0		7.86	47.58	50			0.211	0.201	4.84	
Hexachlorobenzene	1	0		7.90	48.01	50			0.198	0.190	3.98	
gamma-BHC	1	0		8.14	10.41	10			0.162	0.169	4.10	
Pentachlorophenol	1	0	CC	8.10	42.99	50	20		0.115	0.099	14.02	
Phenanthrene	1	0		8.29	49.18	50			1.673	1.646	1.64	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19716.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/15/2006 6:51:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.34	48.13	50			1.678	1.616	3.74	
Carbazole	1	0		8.52	47.68	50			1.125	1.073	4.64	
Heptachlor	1	0		8.75	9.77	10			0.170	0.166	2.30	
Di-n-butylphthalate	1	0		8.92	49.44	50			1.597	1.579	1.12	
Heptachlor epoxide	1	0		9.42	10.76	10			0.163	0.176	7.60	
Fluoranthene	1	0	CC	9.52	47.28	50	20		1.840	1.740	5.44	
Chrysene-d12	1	0	I	11.17	40.00	40				0.000	0.00	
Pyrene	1	0		9.77	51.77	50			1.813	1.877	3.54	
Benzidine	1	0		9.72	22.35	50			0.200	0.089	55.30	
Terphenyl-d14	1	0	S	9.99	26.36	25			0.808	0.852	5.44	
Endrin	1	0		10.19	11.34	10			0.094	0.106	13.40	
Butylbenzylphthalate	1	0		10.60	52.24	50			0.707	0.739	4.48	
Methoxychlor	1	0		11.16	10.64	10			1.691	1.800	6.40	
3,3'-Dichlorobenzidine	1	0		11.17	55.73	50			0.445	0.496	11.46	
Benzo[a]anthracene	1	0		11.16	51.07	50			1.765	1.802	2.14	
Chrysene	1	0		11.20	50.54	50			1.558	1.575	1.08	
bis(2-Ethylhexyl)phthalate	1	0		11.32	51.98	50			0.959	0.997	3.96	
Perylene-d12	1	0	I	12.74	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.06	52.00	50	20		2.533	2.634	4.00	
Benzo[b]fluoranthene	1	0		12.35	51.69	50			2.328	2.407	3.38	
Benzo[k]fluoranthene	1	0		12.39	48.14	50			2.287	2.202	3.72	
Benzo[a]pyrene	1	0	CC	12.69	48.19	50	20		2.168	2.089	3.62	
Indeno[1,2,3-cd]pyrene	1	0		13.74	48.72	50			2.224	2.167	2.56	
Dibenzo[a,h]anthracene	1	0		13.76	48.78	50			1.843	1.798	2.44	
Benzo[g,h,i]perylene	1	0		13.96	48.14	50			1.854	1.785	3.72	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19768.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/16/2006 9:11:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.61	40.00	40				0.000	0.00	
Pyridine	1	0		1.39	45.36	50			1.593	1.446	9.28	
N-Nitrosodimethylamine	1	0		1.37	49.23	50			0.931	0.916	1.54	
2-Fluorophenol	1	0	S	3.03	48.63	50			1.237	1.204	2.74	
Aniline	1	0		4.31	44.54	50			1.932	1.721	10.92	
Pentachloroethane	1	0		4.33	48.70	50			0.536	0.522	2.60	
bis(2-Chloroethyl)ether	1	0		4.41	50.14	50			1.367	1.371	0.28	
Phenol-d5	1	0	S	4.35	48.17	50			1.837	1.770	3.66	
Phenol	1	0	CC	4.36	49.52	50	20		1.823	1.806	0.96	
2-Chlorophenol	1	0		4.42	49.32	50			1.522	1.501	1.36	
1,3-Dichlorobenzene	1	0		4.55	48.65	50			1.528	1.486	2.70	
1,4-Dichlorobenzene	1	0	CC	4.63	49.25	50	20		1.567	1.543	1.50	
1,2-Dichlorobenzene	1	0		4.76	50.59	50			1.496	1.513	1.18	
Benzyl alcohol	1	0		4.79	49.20	50			0.966	0.950	1.60	
bis(2-chloroisopropyl)ether	1	0		4.91	49.33	50			1.836	1.811	1.34	
2-Methylphenol	1	0		4.91	48.30	50			1.391	1.344	3.40	
Hexachloroethane	1	0		5.05	49.92	50			0.748	0.747	0.16	
N-Nitroso-di-n-propylamine	1	0	CP	5.02	49.75	50	0.05		1.310	1.304	0.50	
3&4-Methylphenol	1	0		5.06	46.71	50			1.506	1.406	6.58	
Naphthalene-d8	1	0	I	5.69	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.12	25.15	25			0.160	0.161	0.60	
Nitrobenzene	1	0		5.14	47.72	50			0.488	0.466	4.56	
Isophorone	1	0		5.35	49.54	50			0.810	0.803	0.92	
2-Nitrophenol	1	0	CC	5.41	49.89	50	20		0.201	0.201	0.22	
2,4-Dimethylphenol	1	0		5.48	47.38	50			0.423	0.401	5.24	
Benzoic Acid	1	0		5.62	53.28	50			0.134	0.143	6.56	
bis(2-Chloroethoxy)methane	1	0		5.54	49.62	50			0.422	0.419	0.76	
2,4-Dichlorophenol	1	0	CC	5.61	47.89	50	20		0.303	0.290	4.22	
1,2,4-Trichlorobenzene	1	0		5.65	48.26	50			0.329	0.318	3.48	
Naphthalene	1	0		5.70	48.07	50			1.489	1.431	3.86	
4-Chloroaniline	1	0		5.77	47.68	50			0.410	0.391	4.64	
Hexachlorobutadiene	1	0	CC	5.81	47.32	50	20		0.198	0.187	5.36	
4-Chloro-3-methylphenol	1	0	CC	6.16	47.24	50	20		0.396	0.374	5.52	
2-Methylnaphthalene	1	0		6.23	46.20	50			0.774	0.716	7.60	
Methylnaphthalenes	1	0		6.23	46.20							
Acenaphthene-d10	1	0	I	6.99	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.36	50.74	50			0.552	0.560	1.48	
Hexachlorocyclopentadiene	1	0	CP	6.35	47.52	50	0.05		0.178	0.170	4.96	
2,4,6-Trichlorophenol	1	0	CC	6.45	51.09	50	20		0.371	0.379	2.18	
2,4,5-Trichlorophenol	1	0		6.48	48.30	50			0.403	0.389	3.40	
2-Fluorobiphenyl	1	0	S	6.51	25.93	25			1.223	1.269	3.72	
2-Chloronaphthalene	1	0		6.58	49.83	50			1.151	1.147	0.34	
1,4-Dimethylnaphthalene	1	0		6.82	50.50	50			0.952	0.962	1.00	
Dimethylnaphthalenes	1	0		6.82	50.50							
Diphenyl Ether	1	0		6.65	51.20	50			0.769	0.788	2.40	
2-Nitroaniline	1	0		6.68	49.86	50			0.513	0.512	0.28	
Acenaphthylene	1	0		6.88	50.53	50			2.581	2.608	1.06	
Dimethylphthalate	1	0		6.81	50.10	50			1.412	1.415	0.20	
2,6-Dinitrotoluene	1	0		6.86	50.97	50			0.292	0.298	1.94	
Acenaphthene	1	0	CC	7.01	50.14	50	20		1.589	1.593	0.28	
3-Nitroaniline	1	0		6.98	51.88	50			0.332	0.344	3.76	
2,4-Dinitrophenol	1	0	CP	7.08	44.58	50	0.05		0.160	0.142	10.84	
Dibenzofuran	1	0		7.14	49.02	50			1.688	1.655	1.96	
2,4-Dinitrotoluene	1	0		7.16	51.71	50			0.409	0.423	3.42	
4-Nitrophenol	1	0	CP	7.15	46.92	50	0.05		0.405	0.380	6.16	
2,3,4,6-Tetrachlorophenol	1	0		7.26	46.09	50			0.296	0.273	7.82	
Fluorene	1	0		7.42	48.69	50			1.935	1.884	2.62	
4-Chlorophenyl-phenylether	1	0		7.43	47.28	50			0.678	0.641	5.44	
Diethylphthalate	1	0		7.36	50.12	50			1.542	1.546	0.24	
4-Nitroaniline	1	0		7.47	51.68	50			0.335	0.347	3.36	
Phenanthrene-d10	1	0	I	8.25	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.50	46.10	50			0.147	0.136	7.80	
n-Nitrosodiphenylamine	1	0	CC	7.54	48.67	50	20		0.582	0.566	2.66	
2,4,6-Tribromophenol	1	0	S	7.63	49.97	50			0.072	0.072	0.06	
1,2-Diphenylhydrazine	1	0		7.56	48.80	50			1.062	1.036	2.40	
4-Bromophenyl-phenylether	1	0		7.85	45.53	50			0.211	0.192	8.94	
Hexachlorobenzene	1	0		7.89	48.54	50			0.198	0.192	2.92	
gamma-BHC	1	0		8.13	9.99	10			0.162	0.162	0.10	
Pentachlorophenol	1	0	CC	8.10	41.05	50	20		0.115	0.095	17.90	
Phenanthrene	1	0		8.28	49.04	50			1.673	1.641	1.92	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19768.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/16/2006 9:11:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.33	48.07	50			1.678	1.614	3.86	
Carbazole	1	0		8.51	48.70	50			1.125	1.096	2.60	
Heptachlor	1	0		8.74	9.75	10			0.170	0.166	2.50	
Di-n-butylphthalate	1	0		8.91	49.17	50			1.597	1.571	1.66	
Heptachlor epoxide	1	0		9.40	10.47	10			0.163	0.171	4.70	
Fluoranthene	1	0	CC	9.51	49.33	50	20		1.840	1.815	1.34	
Chrysene-d12	1	0	I	11.16	40.00	40				0.000	0.00	
Pyrene	1	0		9.75	49.09	50			1.813	1.780	1.82	
Benzidine	1	0		9.71	23.74	50			0.200	0.095	52.52	
Terphenyl-d14	1	0	S	9.98	25.18	25			0.808	0.814	0.72	
Endrin	1	0		10.17	11.75	10			0.094	0.110	17.50	
Butylbenzylphthalate	1	0		10.59	51.00	50			0.707	0.721	2.00	
Methoxychlor	1	0		11.14	10.07	10			1.691	1.704	0.70	
3,3'-Dichlorobenzidine	1	0		11.16	55.46	50			0.445	0.493	10.92	
Benzo[a]anthracene	1	0		11.15	50.90	50			1.765	1.796	1.80	
Chrysene	1	0		11.19	51.20	50			1.558	1.596	2.40	
bis(2-Ethylhexyl)phthalate	1	0		11.30	52.18	50			0.959	1.000	4.36	
Perylene-d12	1	0	I	12.72	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.05	50.34	50	20		2.533	2.550	0.68	
Benzo[b]fluoranthene	1	0		12.34	50.61	50			2.328	2.356	1.22	
Benzo[k]fluoranthene	1	0		12.37	50.18	50			2.287	2.296	0.36	
Benzo[a]pyrene	1	0	CC	12.67	50.11	50	20		2.168	2.173	0.22	
Indeno[1,2,3-cd]pyrene	1	0		13.73	49.78	50			2.224	2.214	0.44	
Dibenzo[a,h]anthracene	1	0		13.75	50.28	50			1.843	1.853	0.56	
Benzo[g,h,i]perylene	1	0		13.95	50.81	50			1.854	1.884	1.62	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19410.D

Analysis Date/Time: 06/07/06 09:29

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
Eval File Area Limit:	8745-34980		34166-136666		20398-81590		35113-140452		37184-148736		27538-110154	
Eval File Rt Limit:	4.18-5.18		5.24-6.24		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19410	CAL BNA@50	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
5M19411	CAL BNA@10	28654	4.68	114779	5.74	67538	7.04	118957	8.33	116414	11.24	89556	12.81
5M19412	CAL BNA@25	17071	4.68	72243	5.74	42647	7.04	73319	8.33	73909	11.24	54822	12.81
5M19413	CAL BNA@80	13817	4.68	55442	5.74	33285	7.04	59823	8.33	66030	11.24	46876	12.81
5M19414	CAL BNA@12	14848	4.68	59991	5.74	36895	7.04	62803	8.33	68325	11.24	45301	12.81
5M19415	CAL BNA@16	15548	4.68	60854	5.75	36702	7.04	63560	8.33	71152	11.25	44592	12.81
5M19416	CAL BNA@20	18156	4.68	74558	5.75	50562	7.04	81313	8.33	94705	11.25	57314	12.82
5M19417	SMB2909(MS	5881	4.67	25875	5.74	16203	7.04	30129	8.33	28680	11.23	25157	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M10813.D

Analysis Date/Time: 06/08/06 12:21

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	27346	4.96	96421	5.96	57180	7.54	102804	9.16	96918	12.38	64274	14.24
Eval File Area Limit:	13673-54692		48210-192842		28590-114360		51402-205608		48459-193836		32137-128548	
Eval File Rt Limit:	4.46-5.46		5.46-6.46		7.04-8.04		8.66-9.66		11.88-12.88		13.74-14.74	

Data File	Sample#											
4M10813	CAL BNA@50	27346	4.96	96421	5.96	57180	7.54	102804	9.16	96918	12.38	64274	14.24
4M10816	CAL BNA@80	35971	4.96	132930	5.96	76530	7.54	135772	9.16	108020	12.38	62492	14.24
4M10817	CAL BNA@12	39788	4.96	134428	5.96	77887	7.55	132517	9.15	93650	12.39	59249	14.24
4M10818	CAL BNA@16	37538	4.96	133415	5.96	75085	7.55	127333	9.16	94386	12.38	57414	14.24
4M10819	CAL BNA@20	48647	4.97	163255	5.96	88575	7.55	148628	9.16	90927	12.40	53768	14.25
4M10820	CAL BNA@10	37798	4.96	131439	5.96	76267	7.54	134200	9.16	126153	12.37	89053	14.24
4M10821	CAL BNA@25	36043	4.96	125121	5.96	74661	7.54	126164	9.16	106894	12.37	76281	14.24
4M10822	SMB2912	39133	4.96	136732	5.96	73784	7.55	124742	9.15	113952	12.37	83127	14.24
4M10823	AC23861-003	29598	4.96	102559	5.96	58805	7.54	104432	9.15	100834	12.37	72361	14.23
4M10824	AC23791-011	36476	4.96	128350	5.96	69890	7.55	113131	9.15	66812	12.37	31453	14.24
4M10825	AC23791-012	34010	4.97	128155	5.96	68765	7.54	120100	9.16	96089	12.37	50024	14.24
4M10826	AC23861-005	31517	4.96	115977	5.96	63241	7.55	109302	9.15	88247	12.37	50370	14.24
4M10827	AC23809-001	32660	4.97	121823	5.96	66348	7.54	109647	9.16	58683	12.37	24046	14.24
4M10828	AC23809-002	34680	4.96	116387	5.96	66680	7.54	116419	9.15	71261	12.36	31500	14.24
4M10829	AC23809-008	30405	4.96	99066	5.96	57725	7.54	100061	9.15	64748	12.36	27250	14.24
4M10830	AC23833-002	26919	4.96	103475	5.96	58671	7.54	105144	9.15	67742	12.37	32309	14.24
4M10831	AC23854-001(	30677	4.96	113462	5.96	62642	7.54	100469	9.15	55979	12.37	26860	14.24
4M10832	AC23846-017(	26295	4.97	100599	5.96	54243	7.54	89741	9.15	47764	12.37	23271	14.24
4M10833	AC23701-004(	27823	4.97	87554	5.96	47717	7.55	79105	9.17	48065	12.37	23848	14.24
4M10834	AC23809-007(	29976	4.96	101701	5.96	58390	7.54	92499	9.15	44143	12.36	23639	14.23
4M10835	AC23809-013(	24510	4.96	90314	5.96	51543	7.54	80783	9.16	31348	12.37	16432	14.24
4M10836	AC23846-019(	29783	4.96	107935	5.96	56387	7.53	86337	9.15	35896	12.36	20614	14.23

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 4M10946.D

Analysis Date/Time: 06/15/06 06:32

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	29224	4.94	104822	5.93	62812	7.52	107717	9.12	98420	12.34	73710	14.21
Eval File Area Limit:	14612-58448		52411-209644		31406-125624		53858-215434		49210-196840		36855-147420	
Eval File Rt Limit:	4.44-5.44		5.43-6.43		7.02-8.02		8.62-9.62		11.84-12.84		13.71-14.71	

Data File	Sample#											
4M10947	AC23952-001	22713	4.94	83255	5.93	48525	7.52	84767	9.12	83770	12.33	52216	14.20
4M10948	AC23952-002	23993	4.94	80672	5.93	48038	7.51	83736	9.12	70129	12.34	33709	14.20
4M10949	AC23964-001	26133	4.94	88365	5.93	54138	7.51	91410	9.12	89198	12.34	53520	14.20
4M10950	AC23964-002	23082	4.94	87117	5.93	49045	7.51	92654	9.12	79254	12.33	40530	14.21
4M10951	AC23964-003	24314	4.93	84950	5.94	49292	7.51	89149	9.13	68227	12.34	30329	14.21
4M10952	AC23849-009	22221	4.94	83855	5.93	47737	7.51	80203	9.12	58401	12.33	23262	14.20
4M10953	AC23989-003	29616	4.94	100354	5.93	59598	7.51	102822	9.13	67578	12.34	28556	14.21
4M10954	AC23989-004	24922	4.94	88118	5.93	54888	7.51	85960	9.12	31934	12.34	13083	14.20
4M10955	AC23989-001(	23102	4.93	83697	5.93	48081	7.51	77225	9.12	40860	12.33	15809	14.21
4M10956	SMB2922	21739	4.94	73312	5.93	40620	7.51	67726	9.12	65565	12.34	50252	14.20
4M10957	SMB2921	24195	4.94	78995	5.93	44755	7.51	77443	9.13	70765	12.34	56029	14.21
4M10958	AC23993-002	22768	4.93	77692	5.93	40843	7.51	70821	9.12	63899	12.34	47343	14.21
4M10959	AC23993-005	18412	4.94	63791	5.93	33667	7.51	58433	9.12	53014	12.33	38768	14.20
4M10960	AC23993-003	20349	4.93	66249	5.93	37288	7.51	64492	9.12	50609	12.34	27893	14.21
4M10961	AC23993-001	19673	4.94	70801	5.93	39182	7.51	65485	9.12	46646	12.33	23588	14.20
4M10962	AC23994-015	20425	4.93	67448	5.93	37278	7.51	60774	9.12	44256	12.34	22996	14.21
4M10963	AC23994-016	20093	4.94	76197	5.93	42546	7.52	65589	9.12	39041	12.33	18175	14.20
4M10964	AC23993-004	18372	4.93	65089	5.93	35972	7.51	61048	9.12	40613	12.33	20694	14.21

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria..

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19716.D

Analysis Date/Time: 06/15/06 06:51

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	21961	4.62	89870	5.69	54054	6.99	92729	8.26	91696	11.17	62574	12.74
Eval File Area Limit:	10980-43922		44935-179740		27027-108108		46364-185458		45848-183392		31287-125148	
Eval File Rt Limit:	4.12-5.12		5.19-6.19		6.49-7.49		7.76-8.76		10.67-11.67		12.24-13.24	
Data File Sample#												
5M19717 WMB2926	18215	4.62	77004	5.69	48386	6.99	84524	8.26	79225	11.16	59087	12.73
5M19718 AC23971-005	14781	4.62	71860	5.69	38391	6.99	68313	8.26	58971	11.17	46443	12.74
5M19719 WMB2926(MS	20060	4.62	77441	5.70	46749	6.99	79688	8.27	79523	11.17	52482	12.74
5M19720 AC23971-005(	16783	4.62	73812	5.69	42291	6.99	76895	8.26	63902	11.16	48523	12.73
5M19725 AC23971-005(	15586	4.62	66127	5.69	40759	6.99	71025	8.26	61223	11.16	47253	12.73
5M19726 SMB2922(MS	18517	4.62	73427	5.69	42454	6.99	67844	8.26	58160	11.16	45389	12.73
5M19727 SMB2922	17003	4.62	68257	5.69	40250	6.99	67677	8.26	56033	11.16	42808	12.73
5M19732 AC23994-004	16696	4.62	73228	5.69	53234	7.00	80618	8.27	60273	11.16	45805	12.73
5M19733 AC23994-004(	17555	4.62	74284	5.69	49663	7.00	76277	8.27	57258	11.16	45745	12.73
5M19734 AC23994-004(	17919	4.62	76940	5.69	52841	7.00	82099	8.27	60154	11.16	46183	12.73
5M19735 WMB2927(MS	19300	4.62	79196	5.69	47576	6.99	83316	8.26	78233	11.16	51956	12.73
5M19736 WMB2927	16300	4.62	71259	5.69	43429	6.99	77189	8.26	64680	11.16	49510	12.73
5M19738 WMB2927(MS	15955	4.62	65185	5.69	38342	6.99	69822	8.26	65545	11.17	41911	12.73
5M19739 AC23996-001(	16853	4.62	68590	5.69	40357	6.99	73213	8.26	67549	11.17	45808	12.73
5M19740 AC23996-001(	17300	4.62	70751	5.69	42959	6.99	74562	8.26	69234	11.17	45795	12.73
5M19741 AC23988-005(	15769	4.62	64979	5.69	40240	6.98	70553	8.26	58434	11.16	45256	12.73
5M19742 SMB2921(MS	17145	4.62	71962	5.69	42687	6.99	73480	8.26	62457	11.16	47455	12.73
5M19743 SMB2921	16571	4.62	68856	5.69	40714	6.99	66995	8.26	56381	11.16	43984	12.73
5M19744 AC23994-018	16934	4.62	97041	5.70	79464	7.02	110612	8.30	65394	11.17	49104	12.73
5M19745 AC23994-018(	17741	4.62	95265	5.70	75763	7.02	105316	8.30	62342	11.17	48060	12.73
5M19746 AC23994-018(	18659	4.62	87525	5.70	68689	7.01	89716	8.29	63295	11.17	47912	12.73

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19768.D

Analysis Date/Time: 06/16/06 09:11

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	16655	4.61	67740	5.69	38614	6.99	67545	8.25	71991	11.16	51033	12.72
Eval File Area Limit:	8328-33310		33870-135480		19307-77228		33772-135090		35996-143982		25516-102066	
Eval File Rt Limit:	4.11-5.11		5.19-6.19		6.49-7.49		7.75-8.75		10.66-11.66		12.22-13.22	

Data File	Sample#											
5M19769	WMB2928	14597	4.61	57127	5.69	32872	6.98	55121	8.25	49063	11.15	38129	12.72
5M19770	WMB2928(MS	16244	4.61	61384	5.69	34123	6.99	63292	8.25	65748	11.16	43922	12.72
5M19771	AC24019-005	15620	4.61	66161	5.69	35308	6.98	62207	8.25	57134	11.15	44528	12.72
5M19772	AC24019-005(	14945	4.61	65848	5.69	36934	6.99	69418	8.26	62761	11.16	46915	12.73
5M19773	AC24019-005(	13464	4.61	55387	5.69	30061	6.98	54220	8.25	51049	11.16	41005	12.73
5M19774	AC24023-010	10661	4.61	41543	5.69	25584	6.98	44589	8.25	41087	11.15	32805	12.72
5M19775	WMB2929(MS	14470	4.61	55670	5.69	31154	6.98	55763	8.25	55804	11.15	39604	12.72
5M19776	WMB2929	10087	4.61	38674	5.69	22264	6.99	38635	8.25	36224	11.15	28086	12.72
5M19777	SMB2923	10763	4.61	42556	5.69	24639	6.98	41925	8.25	38855	11.15	30593	12.72
5M19778	AC23994-018(	13772	4.61	68827	5.69	55621	7.01	78882	8.29	55343	11.16	42528	12.72
5M19779	AC23994-018(	12787	4.61	54666	5.69	42539	7.00	58084	8.27	45677	11.15	34190	12.72
5M19780	AC224024-03	9694	4.61	36311	5.69	21033	6.98	35252	8.25	32251	11.15	24636	12.72

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
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QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

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Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:>	GCMS_4	GCMS_5			
	Effective Date:>	4/2/2006	4/2/2006			
	All Units:PPB	MDL	MDL	MDL	MDL	MDL
Acenaphthene		0.43739	0.25458			
Acenaphthylene		0.38173	0.24445			
Anthracene		0.27592	0.18512			
Benzo[a]anthracene		0.21352	0.22437			
Benzo[a]pyrene		0.14416	0.16153			
Benzo[b]fluoranthene		0.35016	0.21330			
Benzo[g,h,i]perylene		0.35231	0.28685			
Benzo[k]fluoranthene		0.54464	0.31492			
Chrysene		0.26064	0.18768			
Dibenzo[a,h]Anthracene		0.19748	0.24805			
Fluoranthene		0.21949	0.15490			
Fluorene		0.37753	0.14916			
Indeno[1,2,3-cd]pyrene		0.25412	0.18027			
Naphthalene		0.69691	0.44300			
Phenanthrene		0.22265	0.22941			
Pyrene		0.19433	0.14695			

Analysis Type: SOLIDS

Batch Number: SOLIDS-3945 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC23968-001	NA	NA	20	92.72727	NA	0.4	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC23968-001	DUP		93		100	92.727	1	12.0	11.2			06/14/06	DJ
AC23968-001	Sample		93		100	93.103	1	12.6	11.8			06/14/06	DJ
AC23974-001	Sample		84		100	83.621	1	12.6	10.7			06/14/06	DJ
AC23982-001	Sample		88		100	88.393	1	12.2	10.9			06/14/06	DJ
AC23989-001	Sample		82		100	81.897	1	12.6	10.5			06/14/06	DJ
AC23989-003	Sample		83		100	83.186	1	12.3	10.4			06/14/06	DJ
AC23989-004	Sample		88		100	88.496	1	12.3	11.0			06/14/06	DJ
AC23980-001	Sample		75		100	75.439	1	12.4	9.6			06/14/06	DJ
AC23980-002	Sample		78		100	77.679	1	12.2	9.7			06/14/06	DJ
AC23980-003	Sample		78		100	78.261	1	12.5	10.0			06/14/06	DJ
AC23985-001	Sample		95		100	95.495	1	12.1	11.6			06/14/06	DJ
AC23985-002	Sample		88		100	87.931	1	12.6	11.2			06/14/06	DJ
AC23985-003	Sample		91		100	91.15	1	12.3	11.3			06/14/06	DJ
AC23992-001	Sample		81		100	81.197	1	12.7	10.5			06/14/06	DJ

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable Nc - Not Checked ..either one or both values =ND

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Hampton-Clarke, Inc.
veritech laboratories

175 Route 46 West, Unit D
Fairfield, NJ 07004
(973) 244-9770
Federal ID: 222679402

NELAP Accredited

Environ International Corp.

Format: NJDEP-R

Project: Promenade Edgewater

PO Number:

Samples submitted on: 6/16/2006

AC24090-001
AC24090-002
AC24090-003

Date: 6/28/2006

HCI Project: 6061909

This report is a true report of results obtained from our tests of this material. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Robyn Nellessen - Quality Assurance Director

Or

Stanley Gilewicz - Laboratory Director

CT #: PH-0671 MA #: NJ386 NJ #: 14622 NY #: 11408 PA #: 68-463 USACE

Veritech Sample Key

28-Jun-06

Lab#	SampleID
AC24090-001	SS18 E 1200 1300 (hold)
AC24090-002	SS19 E 1000 1100
AC24090-003	SS18 E 1100 1200

Veritech/Division of Hampton-Clarke 0003
75 US Hwy 46 West, Fairfield, New Jersey 07004 Ph: 800-426-9992 fax:973-439-1458

CHAIN OF CUSTODY RECORD

Project#(Lab Use Only) 6061909

Page 1 of 1

F-431 P.01/01 T-842

Customer Information

1a) Customer: Environ International Corporation
Address: 214 Carnegie Center
Princeton, NJ
1b) Email/Cell/Fax/Ph:
1c) Send Invoice To: Jose Sanchez
JSanchez@environcorp.com
1d) Send Report To: Jose Sanchez

Project Information

2a) Project Name: Pramingo @ Edgewater
2b) Location (City/State): Edgewater, NJ
Quote#:

3) Reporting Requirements(please circle)

Turnaround Time	Report type	Electronic Deliv
24-Hour(100%)	Data Sum	Hazsite/Csv
48-Hour(75%)	Waste	Equis
72-Hour(50%)	NJ-Red	Excel-NJCC
1-Week(25%)	CLP	Excel-Nylagm
10 Days(10%)	Full/Cat-B	Excel-PAActII
Standard	Cat-A	PDF
Other:	Other: ENVIRON	Other: ENVIRON

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY
Batch# AC24090
6094520454

Check if Contingent==>

Matrix Codes:
DW-Drinking Water S-Soil A-Air
GW-Ground Water SL-Sludge O-Other
WW-Waste Water O-Oil

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type Composite(C	Sample Type Grab(G)	8 HAU (PAH)	PAHs	8) # Of Bottles None	MeOH	Encore	NaOH	HCl	H2SO4	HNO3	Other	Comments
-001	SS18E 0001200	Soil	6/14/06	1200	X		X		1								
-002	SS19E 1000 1100	Soil	6/14/06	0919	X			X	1								
-003	SS18E 1100 1200	Soil	6/14/06	1140	X			X	1								
									3								

<<<Check if Contingent

9)

Relinq'd By:	Accepted By:	Date	Time
		6/16/06	3:40
		6/16	1600

Comments, Notes, Special Requirements, HAZARDS

10) Sampler: Date:

Cooler Tmp 3.8.

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

From-ENVIRON CORPORATION PRINCETON Jun-19-06 11:54am

CONDITION UPON RECEIPT

Batch Number AC24090 Entered By: frantz

Date Entered 6/19/2006 12:10:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container 3.8
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC24090-002	06/19/06 10:28	DJ	1	M	%SOLIDS
AC24090-002	06/19/06 16:34	GN	1	A	BNA-S
AC24090-002	06/19/06 18:26	R12	1	A	NONE
AC24090-002	06/20/06 09:24	DJ	1	A	%SOLID
AC24090-002	06/20/06 11:33	R12	1	A	NONE
AC24090-003	06/19/06 10:28	DJ	1	M	%SOLIDS
AC24090-003	06/19/06 16:34	GN	1	A	BNA-S
AC24090-003	06/19/06 18:26	R12	1	A	NONE
AC24090-003	06/20/06 09:24	DJ	1	A	%SOLID
AC24090-003	06/20/06 11:33	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis

Laboratory Chronicle

veritech

Lab Number	Sample Description
AC24090-002	SS19 E 1000 1100

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/19/2006	DJ	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Acenaphthylene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Anthracene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[a]anthracene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[a]pyrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Chrysene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Fluoranthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Fluorene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Naphthalene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Phenanthrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Pyrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270

Lab Number	Sample Description
AC24090-003	SS18 E 1100 1200

% Solids SM2540G	Preparation			Analysis		
	Date	By	Method	Date	By	Method
% Solids				6/19/2006	DJ	SM 2540G

PAH Compounds 8270	Preparation			Analysis		
	Date	By	Method	Date	By	Method
Acenaphthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Acenaphthylene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Anthracene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[a]anthracene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[a]pyrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[b]fluoranthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[g,h,i]perylene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Benzo[k]fluoranthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Chrysene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Dibenzo[a,h]Anthracene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Fluoranthene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Fluorene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Indeno[1,2,3-cd]pyrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Naphthalene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Phenanthrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270
Pyrene	6/19/2006	Gladys	EPA3510/3550	6/20/2006	AHD	EPA 8270

SemiVolatile GC/MS Conformance/Non-Conformance Summary

1) Tune Specifications: BFB/DFTPP meet criteria?	Yes
2) Tuning Frequency:performed every 12 Hour(8000 series)/ 24 Hour(600 Series)?	Yes
3) Calibration:	
a) Initial Calibration performed monthly (31 days)?	Yes
b) Calibration Performed within 12 hour (8000 series)/24 Hour (600 series) before sample analysis	Yes
c) Initial Calibration Performance Criteria: i) 600(series) %RSD <= 35 or Correlation Coef > = 0.995? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
d) Continuing Calibration Criteria: i) 624/625 meets criteria? OR ii) 8000(series) CCC/SPCC meet criteria?	Yes
4) Blank Contamination meets criteria (List Contamination)	Yes
Data File / Compound / Concentration	
5) Surrogate Recoveries meet criteria?	Yes
If "No" ..see attached surrogate recovery form.	
6) MBS/MS/MSD Spike Recoveries/RPD meet criteria?	NO
If "No" ..see attached spike recovery form.	
7) Analysis holding/extraction meet criteria?	Yes

Additional Comments

One compound exceeded the QC criteria in the MBS, MS and MSD for batch SMB2928.

Organics Director: _____ 6/21/06

METHOD REFERENCES

8000

Test Methods for Evaluating Solid Waste, SW846, Third Edition
Bromide: Method 9056
Chloride: Methods 9056 or 9253
Corrosivity (Water & Solids): Method 9040B
Cyanide (Titrimetric/Manual Spectrophotometric): Method 9014
Cyanide and Cyanide Amenable to Cl_2: Method 9010B
Cyanide (Extraction, Oils and Solids): Method 9013
Extractable Organic Halides (EOX): Method 9023
Free Liquid (Paint Filter): Method 9095
Fluoride: Method 9056
Herbicides: Method 8151A
Hexavalent Chromium: Methods 3060A or 7196A
Ignitability: Methods 1010 or 1030
Mercury: Methods 7470A or 7471A
Metals (Water-Total Rec.& Dissolved): Method 3005A
Metals (Water-Total): Method 3010A
Metals (Soil Sediment & Sludge): Method 3050B
Metals (Water & Solids - Except Mercury): Method 6010B
Metals-organics (EP Toxicity): Method 1310A
Metals-organics (Synthetic PPT Leachate Procedure): Method 1312
Metals-organics (Multiple Extraction): Method 1320
Metals-semi volatile organics (TCLP): Method 1311
Microextractable (DBCP, EDB): Method 8011
Napthalene: Method 8260C
Nitrate: Method 9056
Nitrite: Method 9056
Oil & Grease (hem): Method 1664A
Oil & Grease (hem-sludge): Method 9071 B
Organics (Waste Dilution): Method 3580A
Organics (Waste Dilution, Volatile Organics): Method 3585
Orthophosphate: Method 9056
PCB's (Water & Soil): Method 8082
PCB's (Oils): Methods 3580A/8082
Pesticides (Water & Solids): Method 8081A
pH (Aqueous): Method 9040B
pH (Soils): Method 9045C
Phenolics (Solids): Method 9065
Reactive Cyanide/Sulfide: Chapter Seven, Section 7.3, Reactivity
Semivolatile Organics (Separatory Funnel Extract.): Method 3510C
Semivolatile Organics (ASE Extraction): Method 3545
Semivolatile Organics (Water & Soils): Method 8270C
Semivolatile Organics (TCLP): Method 1311
Semivolatile Organics (Pressurized Fluid Extraction): Method 3545
Semivolatile Organics (Ultrasonic Extraction): Method 3550B
Semivolatile Organics (Cleanup- Alumina): Method 3611B
Semivolatile Organics (Cleanup-Florisil): Method 3620B
Semivolatile Organics (Cleanup-Gel Permeation): Method 3640A
Semivolatile Organics(Cleanup-Acid/Base Partition):Method 3650B
Semivolatile Organics (Cleanup-Sulfur Removal): Method 3660B
Semivolatile Organics (Cleanup-H_2SO_4/$KmnO_4$): Method 3665A
Specific Conductance (Solids): Method 9050A
Sulfate: Method 9056
Sulfide: Methods 9030B or 9034
Sulfides (Extractable): Method 9031
Temperature: Method 2550-B
Total Organic Carbon (TOC): Method 9060
TPH: Method 8015B
TPH: Method NJ-OQA-QAM-025
Volatile Organics (Water-Purge & Trap): Method 5030B
Volatile Organics (Water & Soil): Method 8260B
Volatile Organics (TCLP): Method 1311
Volatile Organics (Low Conc.): Method 5035
Volatile Organics (High Conc.): Method 5035

Federal Register, 40 CFR Part 136
Pesticides/PCB's: Method 608
Semivolatile Organics: Method 625
TPH: Method NJ-OQA-QAM-025
Volatile Organics: Method 624

UPDATED 12/12/05

Methods for the Determination of Organic Compounds In Drinking Water, EPA/600/4-88/039

Volatile Organics: Method 524.2

Standard Methods for the Examination of Water and Wastewater, 19th Ed, 1995 AND 20th Ed. 1998
Biochemical Oxygen Demand (BOD) (5 day): Method 5210B
Carbonaceous BOD (5 day): Method 5210B
Cyanide: Method 4500-CN-E
Fecal Coliform (wastewater): SM 9222 D
Heterotrophic Plate Count (wastewater): SM 9215 B
Hexavalent Chromium: Method 3500-Cr D
Oxygen (Dissolved): Method 4500-O G
Phosphorus (Total): Method 4500-P B5+E
Presence/Absence (Total Coliform Drinking Water): SM 9221D+E+MUG
Salinity: Method 2520 B
Solids (Total, Fixed, and Volatile): Method 2540 G
Total Coliform (wastewater): SM 92222 B

Methods for the Determination of Metals in Environmental Samples, EPA/600/4-91/010, June 1991

ICP Metals: Method 200.7

Method for the Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March 1983
Acidity (as $CaCO_3$): Method 305.1
Alkalinity (as $CaCO_3$): Method 310.1
Ammonia: Method 350.2
Bromide: Method 300.1
Calcium: Method 200.7
Chloride: Methods 300.0 or 325.3
Cyanide: Method 335.2
Cyanide (Amenable): Method 335.1
Fluoride: Method 300.0
Hardness (Total, as $CaCO_3$): Method 200.7
Magnesium: Method 200.7
Mercury: Method 245.1
Nitrate: Method 300.0
Nitrite: Method 300.0
Oil & Grease (Total Recoverable): Method 413.1
Oil & Grease (hem-LL and sgt non-polar): Method 1664A
Orthophosphate: Method 300.0
pH - hydrogen ion: Method 150.1
Phenols: Method 420.1
Potassium: Method 200.7
Residue, Filterable (TDS): Method 160.1
Residue, Non-filterable (TSS): Method 160.2
Residue, Total: Method 160.3
Residue, Volatile: Method 160.4
Residue, Settable: Method 160.5
Sodium: Method 200.7
Specific Conductance: Method 120.1
Sulfate: Method 300.0
Sulfide: Method 376.1
Temperature (Degree C): Method 170.1
Total Organic Carbon (TOC): Method 415.1
TPH (Soils & Water): Method 418.1

Hach Chemical Company Handbook
Chemical Oxygen Demand (COD, water): Method HACH 8000

CT #: PH-0671
MA #: NJ386
NJ #: 14622
NY #: 11408
PA #: 68-463

Report Of Analysis

veritech laboratories

To: Environ International Corp.

214 Carnegie Center

Princeton NJ 08540

Attention: Jose Sonorer
Project: Promenade Edgewater

Date Submitted: 6/16/2006
Date Reported: 6/28/2006

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte		DF	Units	RL	Result	TestGroup/Analyte		DF	Units	RL	Result
AC24090-002	**SS19 E 1000 1100**	**6/14/2006**									
% Solids SM2540G											
% Solids		1	percent		94						
PAH Compounds 8270											
Acenaphthene		1	mg/kg	0.35	ND						
Acenaphthylene		1	mg/kg	0.35	ND						
Anthracene		1	mg/kg	0.35	0.082J						
Benzo[a]anthracene		1	mg/kg	0.35	0.40						
Benzo[a]pyrene		1	mg/kg	0.35	0.40						
Benzo[b]fluoranthene		1	mg/kg	0.35	0.53						
Benzo[g,h,i]perylene		1	mg/kg	0.35	0.27J						
Benzo[k]fluoranthene		1	mg/kg	0.35	0.18J						
Chrysene		1	mg/kg	0.35	0.42						
Dibenzo[a,h]Anthracene		1	mg/kg	0.35	0.081J						
Fluoranthene		1	mg/kg	0.35	0.60						
Fluorene		1	mg/kg	0.35	ND						
Indeno[1,2,3-cd]pyrene		1	mg/kg	0.35	0.24J						
Naphthalene		1	mg/kg	0.35	ND						
Phenanthrene		1	mg/kg	0.35	0.31J						
Pyrene		1	mg/kg	0.35	0.70						
AC24090-003	**SS18 E 1100 1200**	**6/14/2006**									
% Solids SM2540G											
% Solids		1	percent		88						
PAH Compounds 8270											
Acenaphthene		5	mg/kg	1.9	1.8J						
Acenaphthylene		5	mg/kg	1.9	0.50J						
Anthracene		5	mg/kg	1.9	4.3						
Benzo[a]anthracene		5	mg/kg	1.9	9.6						
Benzo[a]pyrene		5	mg/kg	1.9	7.2						
Benzo[b]fluoranthene		5	mg/kg	1.9	9.7						
Benzo[g,h,i]perylene		5	mg/kg	1.9	4.0						
Benzo[k]fluoranthene		5	mg/kg	1.9	2.9						
Chrysene		5	mg/kg	1.9	8.4						
Dibenzo[a,h]Anthracene		5	mg/kg	1.9	1.4J						
Fluoranthene		5	mg/kg	1.9	21						
Fluorene		5	mg/kg	1.9	3.3						
Indeno[1,2,3-cd]pyrene		5	mg/kg	1.9	3.7						
Naphthalene		5	mg/kg	1.9	1.8J						
Phenanthrene		5	mg/kg	1.9	23						
Pyrene		5	mg/kg	1.9	20						

ND = Not Detected RL = Reporting Limit

Lab#	Sample ID	Date Collected				Lab#	Sample ID	Date Collected			
TestGroup/Analyte	DF	Units	RL	Result		TestGroup/Analyte	DF	Units	RL	Result	

RL Definitions:

SW846 Organics reported to PQL
SW846 Inorganics reported to PQL

Clean Water Act Organics reported to MDL
Clean Water Act Inorganics reported to PQL

CLP Organics reported to CRDL
CLP Inorganics reported to CRDL

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB2928
Client Id:
Data File: 5M19858.D
Analysis Date: 06/20/06 08:22
Date Rec/Extracted: NA-06/19/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.33	U	218-01-9	Chrysene	0.33	U
208-96-8	Acenaphthylene	0.33	U	53-70-3	Dibenzo[a,h]anthracene	0.33	U
120-12-7	Anthracene	0.33	U	206-44-0	Fluoranthene	0.33	U
56-55-3	Benzo[a]anthracene	0.33	U	86-73-7	Fluorene	0.33	U
50-32-8	Benzo[a]pyrene	0.33	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.33	U
205-99-2	Benzo[b]fluoranthene	0.33	U	91-20-3	Naphthalene	0.33	U
191-24-2	Benzo[g,h,i]perylene	0.33	U	85-01-8	Phenanthrene	0.33	U
207-08-9	Benzo[k]fluoranthene	0.33	U	129-00-0	Pyrene	0.33	U

Worksheet #: 29231

Total Target Concentration 0

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

0012

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19858.D Vial: 5
Acq On : 20 Jun 2006 8:22 Operator: AHD
Sample : SMB2928 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 20 14:11 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.61	152	20769	40.00	ng	-0.07
20) Naphthalene-d8	5.68	136	82906	40.00	ng	-0.06
36) Acenaphthene-d10	6.98	164	49455	40.00	ng	-0.06
61) Phenanthrene-d10	8.25	188	82959	40.00	ng	-0.08
77) Chrysene-d12	11.14	240	67781	40.00	ng	-0.09
88) Perylene-d12	12.71	264	50129	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.01	112	94155	146.54	ng	-0.16
Spiked Amount 200.000			Recovery = 73.27%			
8) Phenol-d5	4.34	99	138378	145.08	ng	-0.07
Spiked Amount 200.000			Recovery = 72.54%			
21) Nitrobenzene-d5	5.12	128	22987	69.41	ng	-0.06
Spiked Amount 100.000			Recovery = 69.41%			
41) 2-Fluorobiphenyl	6.50	172	124469	82.29	ng	-0.06
Spiked Amount 100.000			Recovery = 82.29%			
64) 2,4,6-Tribromophenol	7.62	330	25766	172.46	ng	-0.07
Spiked Amount 200.000			Recovery = 86.23%			
80) Terphenyl-d14	9.97	244	137913	100.73	ng	-0.08
Spiked Amount 100.000			Recovery = 100.73%			

Target Compounds Qvalue

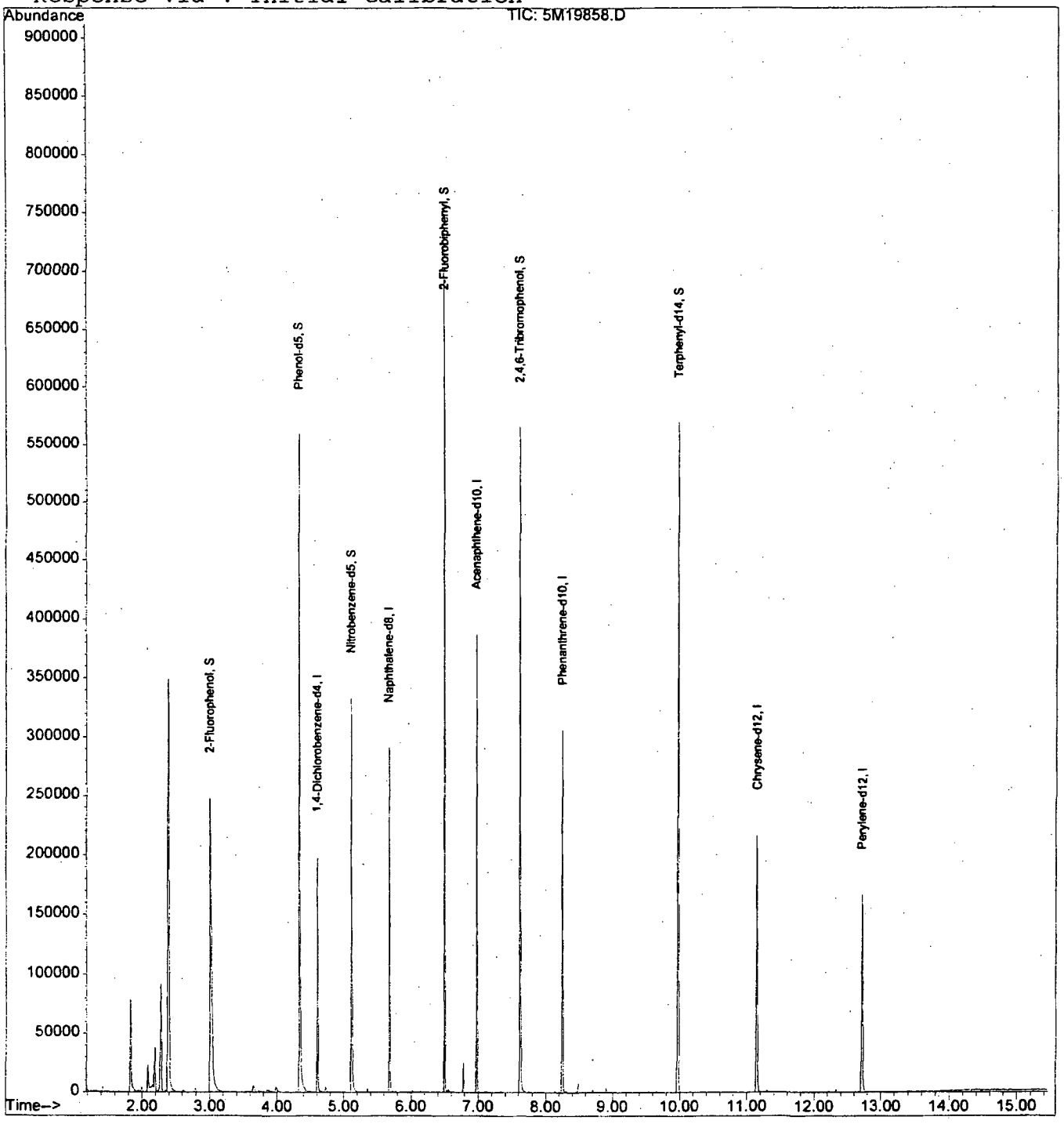
1h6d04

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19858.D Vial: 5
Acq On : 20 Jun 2006 8:22 Operator: AHD
Sample : SMB2928 Inst : GCMS_5
Misc : S,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 20 14:11 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC24090-002
Client Id: 5519 E 1000 1100
Data File: 5M19864.D
Analysis Date: 06/20/06 10:31
Date Rec/Extracted: 06/16/06-06/19/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 94

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	0.35	U	218-01-9	Chrysene	0.35	0.42
208-96-8	Acenaphthylene	0.35	U	53-70-3	Dibenzo[a,h]anthracene	0.35	0.081 J
120-12-7	Anthracene	0.35	0.082 J	206-44-0	Fluoranthene	0.35	0.60
56-55-3	Benzo[a]anthracene	0.35	0.40	86-73-7	Fluorene	0.35	U
50-32-8	Benzo[a]pyrene	0.35	0.40	193-39-5	Indeno[1,2,3-cd]pyrene	0.35	0.24 J
205-99-2	Benzo[b]fluoranthene	0.35	0.53	91-20-3	Naphthalene	0.35	U
191-24-2	Benzo[g,h,i]perylene	0.35	0.27 J	85-01-8	Phenanthrene	0.35	0.31 J
207-08-9	Benzo[k]fluoranthene	0.35	0.18 J	129-00-0	Pyrene	0.35	0.70

Worksheet #: 29231

Total Target Concentration 4.213

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

0015

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19864.D Vial: 11
Acq On : 20 Jun 2006 10:31 Operator: AHD
Sample : AC24090-002 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 20 14:10 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.61	152	16626	40.00	ng	-0.07
20) Naphthalene-d8	5.68	136	68326	40.00	ng	-0.06
36) Acenaphthene-d10	6.98	164	39420	40.00	ng	-0.06
61) Phenanthrene-d10	8.25	188	63196	40.00	ng	-0.08
77) Chrysene-d12	11.14	240	50208	40.00	ng	-0.09
88) Perylene-d12	12.72	264	38532	40.00	ng	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	3.01	112	88287	171.65	ng	-0.16
Spiked Amount 200.000			Recovery = 85.83%			
8) Phenol-d5	4.34	99	133247	174.51	ng	-0.07
Spiked Amount 200.000			Recovery = 87.26%			
21) Nitrobenzene-d5	5.12	128	23361	85.59	ng	-0.06
Spiked Amount 100.000			Recovery = 85.59%			
41) 2-Fluorobiphenyl	6.50	172	122675	101.74	ng	-0.06
Spiked Amount 100.000			Recovery = 101.74%			
64) 2,4,6-Tribromophenol	7.62	330	22967	201.80	ng	-0.07
Spiked Amount 200.000			Recovery = 100.90%			
80) Terphenyl-d14	9.97	244	120913	119.22	ng	-0.08
Spiked Amount 100.000			Recovery = 119.22%			
Target Compounds						Qvalue
70) Phenanthrene	8.27	178	22773	8.62	ng	97
71) Anthracene	8.32	178	6128	2.31	ng	92
76) Fluoranthene	9.50	202	49040	16.87	ng	97
78) Pyrene	9.74	202	45133	19.84	ng	92
85) Benzo[a]anthracene	11.14	228	25055	11.31	ng	99
86) Chrysene	11.18	228	22964	11.74	ng	93
90) Benzo[b]fluoranthene	12.33	252	33344	14.87	ng	96
91) Benzo[k]fluoranthene	12.36	252	10999	4.99	ng	92
92) Benzo[a]pyrene	12.67	252	23528	11.27	ng	96
93) Indeno[1,2,3-cd]pyrene	13.72	276	14355	6.70	ng	92
94) Dibenzo[a,h]anthracene	13.74	278	4056	2.28	ng	90
95) Benzo[g,h,i]perylene	13.94	276	13763	7.71	ng	97

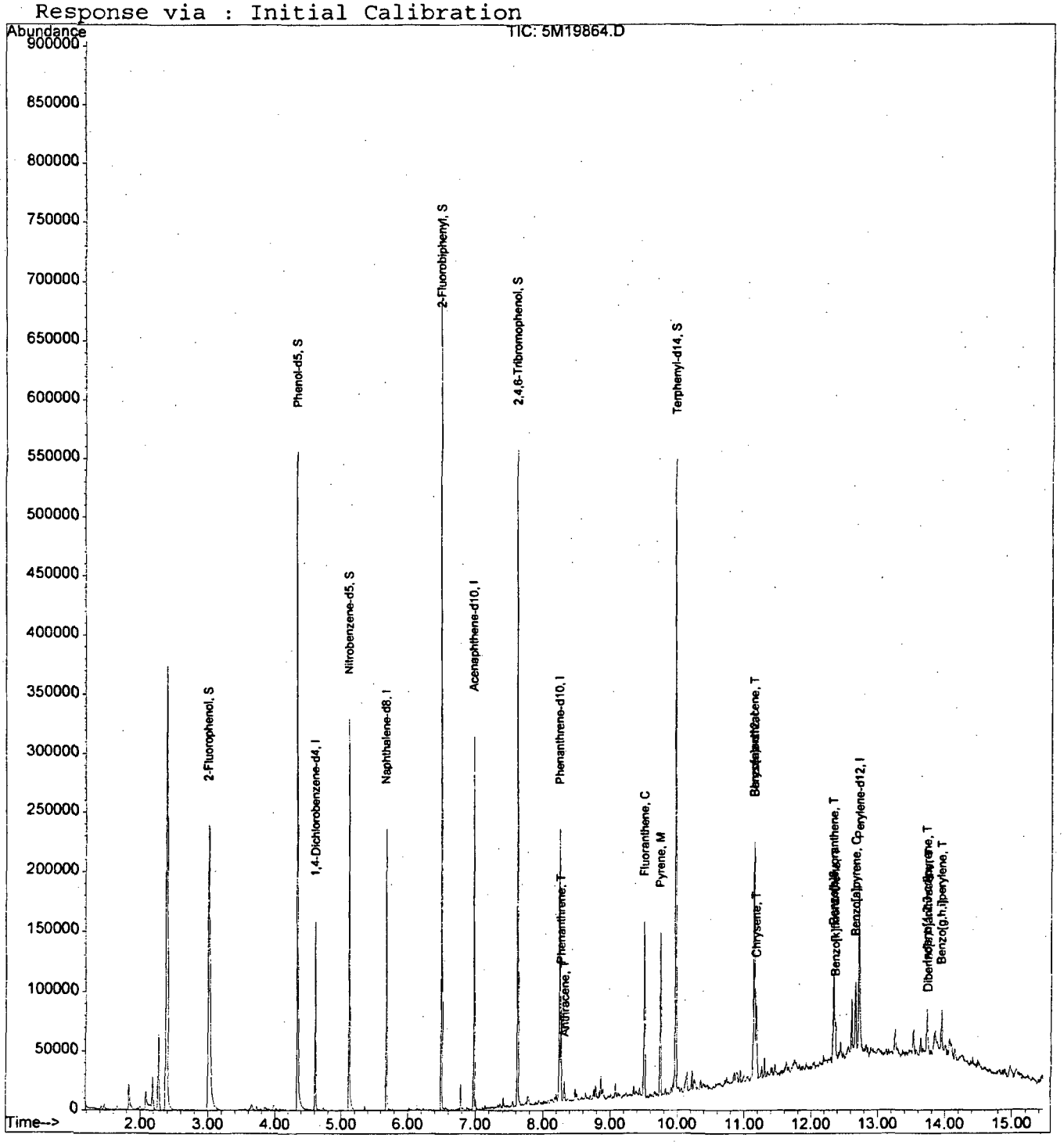
6/20/06

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

Quantitation Report

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19864.D Vial: 11
Acq On : 20 Jun 2006 10:31 Operator: AHD
Sample : AC24090-002 Inst : GCMS_5
Misc : S,BN Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 20 14:10 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC24090-003(5X)
Client Id: 5518 E 1100 1200
Data File: 5M19865.D
Analysis Date: 06/20/06 10:52
Date Rec/Extracted: 06/16/06-06/19/06

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 88

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
83-32-9	Acenaphthene	1.9	1.8 J	218-01-9	Chrysene	1.9	8.4
208-96-8	Acenaphthylene	1.9	0.50 J	53-70-3	Dibenzo[a,h]anthracene	1.9	1.4 J
120-12-7	Anthracene	1.9	4.3	206-44-0	Fluoranthene	1.9	21
56-55-3	Benzo[a]anthracene	1.9	9.6	86-73-7	Fluorene	1.9	3.3
50-32-8	Benzo[a]pyrene	1.9	7.2	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	3.7
205-99-2	Benzo[b]fluoranthene	1.9	9.7	91-20-3	Naphthalene	1.9	1.8 J
191-24-2	Benzo[g,h,i]perylene	1.9	4.0	85-01-8	Phenanthrene	1.9	23
207-08-9	Benzo[k]fluoranthene	1.9	2.9	129-00-0	Pyrene	1.9	20

Worksheet #: 29231

Total Target Concentration 122.6

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.

Quantitation Report (QT Reviewed)

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19865.D Vial: 12
Acq On : 20 Jun 2006 10:52 Operator: AHD
Sample : AC24090-003(5X) Inst : GCMS_5
Misc : S,BN:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 20 14:10 2006 Quant Results File: 5M_0607.RES

Quant Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration
DataAcq Meth : 5M_RUN5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.61	152	16205	40.00	ng	-0.07
20) Naphthalene-d8	5.68	136	66811	40.00	ng	-0.06
36) Acenaphthene-d10	6.98	164	39853	40.00	ng	-0.06
61) Phenanthrene-d10	8.25	188	66865	40.00	ng	-0.08
77) Chrysene-d12	11.15	240	54751	40.00	ng	-0.09
88) Perylene-d12	12.72	264	40400	40.00	ng	-0.08
System Monitoring Compounds						
4) 2-Fluorophenol	3.03	112	12710	25.35	ng	-0.14
Spiked Amount 200.000			Recovery = 12.68%			
8) Phenol-d5	4.35	99	21600	29.02	ng	-0.06
Spiked Amount 200.000			Recovery = 14.51%			
21) Nitrobenzene-d5	5.12	128	3917	14.68	ng	-0.06
Spiked Amount 100.000			Recovery = 14.68%			
41) 2-Fluorobiphenyl	6.50	172	20898	17.14	ng	-0.06
Spiked Amount 100.000			Recovery = 17.14%			
64) 2,4,6-Tribromophenol	7.62	330	2383	19.79	ng	-0.07
Spiked Amount 200.000			Recovery = 9.90%			
80) Terphenyl-d14	9.97	244	21675	19.60	ng	-0.08
Spiked Amount 100.000			Recovery = 19.60%			
Target Compounds						Qvalue
30) Naphthalene	5.69	128	23553	9.47	ng	97
47) Acenaphthylene	6.87	152	6747	2.62	ng	98
50) Acenaphthene	7.00	153	15087	9.53	ng	99
57) Fluorene	7.41	166	33877	17.57	ng	94
70) Phenanthrene	8.27	178	343811	122.93	ng	99
71) Anthracene	8.32	178	63779	22.73	ng	98
76) Fluoranthene	9.51	202	342566	111.36	ng	95
78) Pyrene	9.75	202	259999	104.78	ng	97
85) Benzo[a]anthracene	11.14	228	121899	50.47	ng	99
86) Chrysene	11.18	228	95072	44.57	ng	96
90) Benzo[b]fluoranthene	12.34	252	120098	51.08	ng	98
91) Benzo[k]fluoranthene	12.36	252	35120	15.20	ng	97
92) Benzo[a]pyrene	12.67	252	82993	37.90	ng	98
93) Indeno[1,2,3-cd]pyrene	13.72	276	43562	19.39	ng	89
94) Dibenzo[a,h]anthracene	13.74	278	13589	7.30	ng	92
95) Benzo[g,h,i]perylene	13.94	276	39254	20.96	ng	96

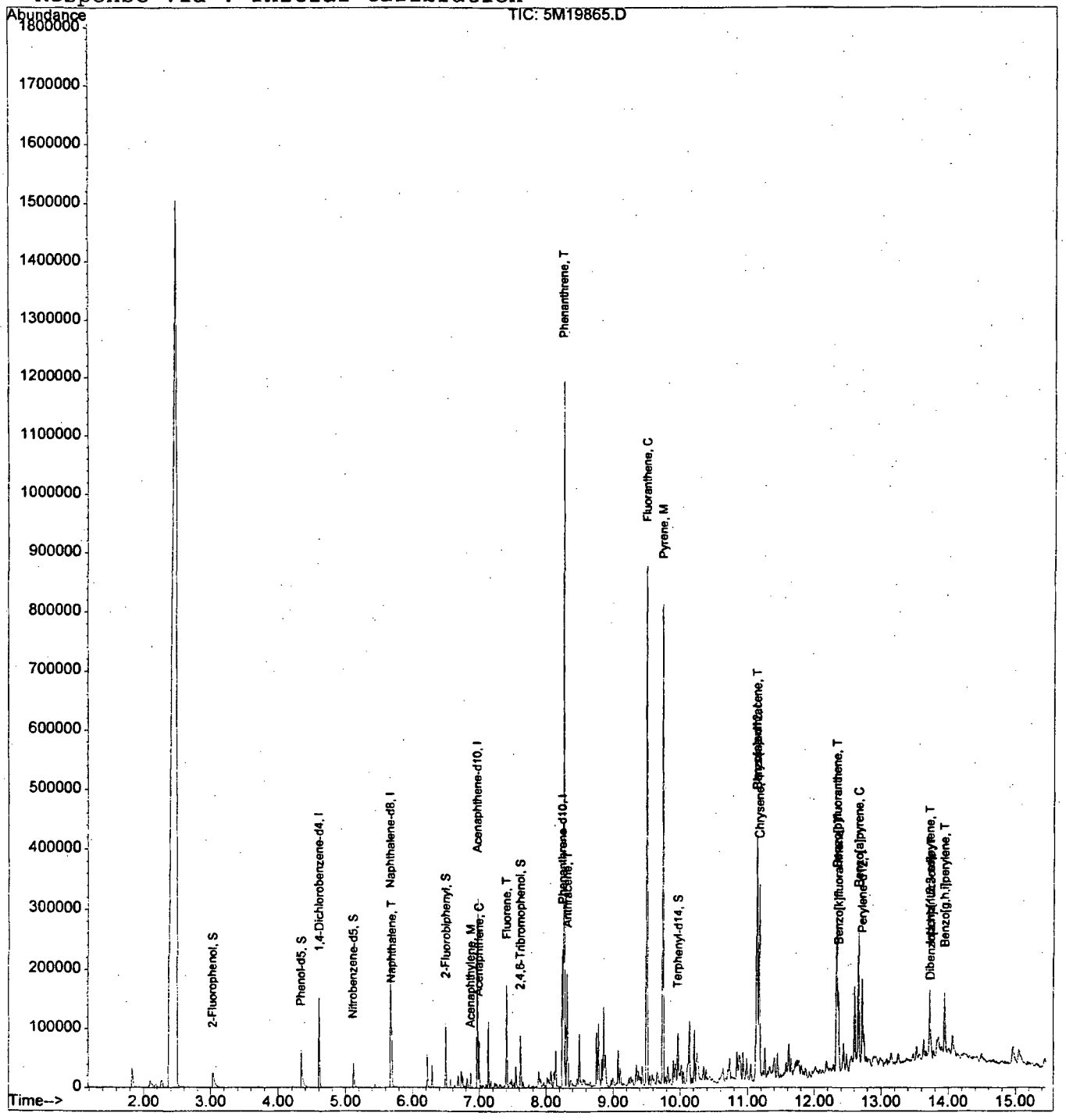
(#) = qualifier out of range (m) = manual integration

Quantitation Report

0019

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19865.D Vial: 12
Acq On : 20 Jun 2006 10:52 Operator: AHD
Sample : AC24090-003(5X) Inst : GCMS_5
Misc : S,BN:5 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jun 20 14:10 2006 Quant Results File: 5M_0607.RES

Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270
Last Update : Wed Jun 07 14:00:33 2006
Response via : Initial Calibration



VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G Project #: 6061909

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	MDL:	Prep Date	Analysis Date	Received Date	Collect Date
AC24090-002	SS19 E 1000 110	Soil	1	94	Percent			06/19/06	06/16/06	06/14/06
AC24090-003	SS18 E 1100 120	Soil	1	88	Percent			06/19/06	06/16/06	06/14/06

FORM2

Surrogate Recovery

Dfile	Sample#	Matrix	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
5M19858	SMB2928	Soil	1		NA	NA	69	82	NA	101
5M19864	AC24090-002	Soil	1		NA	NA	86	102	NA	119
5M19865	AC24090-003(5X)	Soil	5		NA	NA	73	86	NA	98
5M19860	SMB2928(MS)	Soil	1		NA	NA	85	96	NA	113
5M19862	AC24074-011(MS:AC	Soil	1		NA	NA	82	93	NA	107
5M19863	AC24074-012(MSD:A	Soil	1		NA	NA	79	91	NA	108

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	200	25-121
S2=Phenol-d5	200	24-113
S3=Nitrobenzene-d5	100	23-120
S4=2-Fluorobiphenyl	100	30-115
S5=2,4,6-Tribromophenol	200	19-122
S6=Terphenyl-d14	100	18-137

FORM 3
Spike Recovery

Batch Number: SMB2928
Mbs Name: SMB2928(MS)
Ns Name: AC24074-010
Ms Name: AC24074-011(MS:
Msd Name: AC24074-012(MS

Mbs File: 5M19860.D
Non Spk'd File: 5M19861.D
Spike File: 5M19862.D
Spike Dup File: 5M19863.D
Matrix: Soil
Method: 8270

Compound	Col	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
1,4-Dichlorobenzene	1	0	100	28	104	27	79.29	0.00	76.00	74.71	79	76	75	1.7
N-Nitroso-di-n-propyla	1	0	100	41	126	38	86.56	0.00	80.49	81.69	87	80	82	1.5
1,2,4-Trichlorobenzene	1	0	100	38	107	23	88.38	0.00	88.01	84.88	88	88	85	3.6
Acenaphthene	1	0	100	31	137	19	75.45	0.00	69.10	64.87	75	69	65	6.3
2,4-Dinitrotoluene	1	0	100	28	89	47	95.88	0.00	90.69	91.82	96 Mo	91 Mo	92 Mo	1.2
Pyrene	1	0	100	35	142	36	87.25	0.00	85.02	85.69	87	85	86	0.78

Note:
Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**
^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB2928
Blank Data File: 5M19858.D
Matrix: Soil

Blank Analysis Date: 06/20/06 08:22
Blank Extraction Date: 06/19/06
(If Applicable)

Sample Number	Data File	Analysis Date
AC24090-002	5M19864.D	06/20/06 10:31
AC24090-003(5X)	5M19865.D	06/20/06 10:52
AC24074-012(MS	5M19863.D	06/20/06 10:09
AC24074-011(MS:	5M19862.D	06/20/06 09:48
SMB2928(MS)	5M19860.D	06/20/06 09:05

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19408.D
Instrument: GCMS_5 **Analysis Date:** 06/07/06 07:57

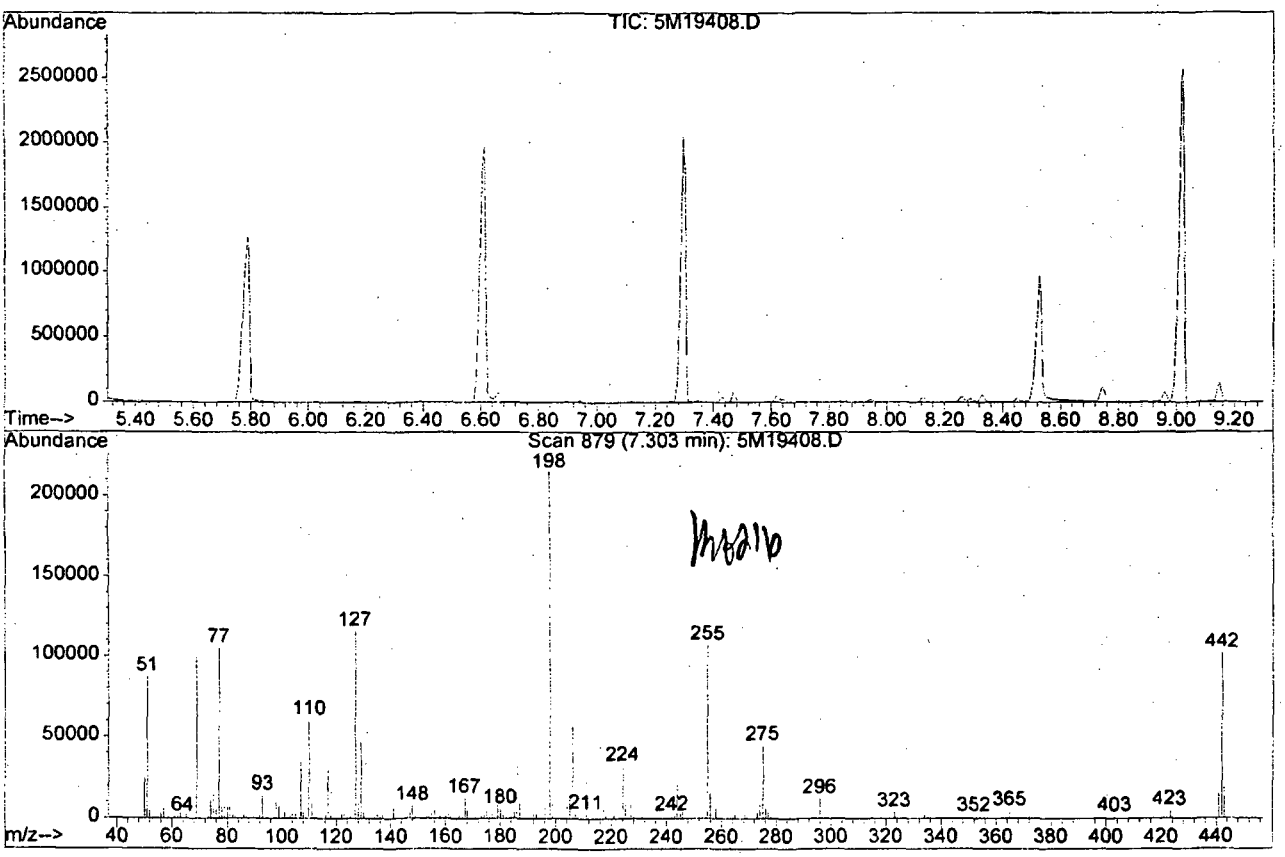
Tune Scan/Time Range: Scan 879

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

Data File	Sample Number	Analysis Date:
5M19409.D	CAL BNA@50PPM	06/07/06 09:05
5M19410.D	CAL BNA@50PPM	06/07/06 09:29
5M19411.D	CAL BNA@10PPM	06/07/06 09:51
5M19412.D	CAL BNA@25PPM	06/07/06 10:12
5M19413.D	CAL BNA@80PPM	06/07/06 10:34
5M19414.D	CAL BNA@120PP	06/07/06 10:56
5M19415.D	CAL BNA@160PP	06/07/06 11:39
5M19416.D	CAL BNA@200PP	06/07/06 12:01
5M19417.D	SMB2909(MS)	06/07/06 12:22

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-07-06\5M19408.D Vial: 1
Acq On : 7 Jun 2006 7:57 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0526.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Scan 879

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	87272	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.0	99328	PASS
70	69	0.00	2	0.6	641	PASS
127	198	40	60	53.7	115920	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	215936	PASS
199	198	5	9	6.5	14033	PASS
275	198	10	30	20.7	44640	PASS
365	198	1	100	2.0	4317	PASS
441	443	0.01	100	77.1	15022	PASS
442	198	40	100	47.3	102112	PASS
443	442	17	23	19.1	19472	PASS

5M19408.D 5M_0526.M Wed Jun 21 09:07:19 2006 RPT1

Form 5

Tune Name: CAL DFTPP **Data File:** 5M19853.D
Instrument: GCMS_5 **Analysis Date:** 06/20/06 06:10

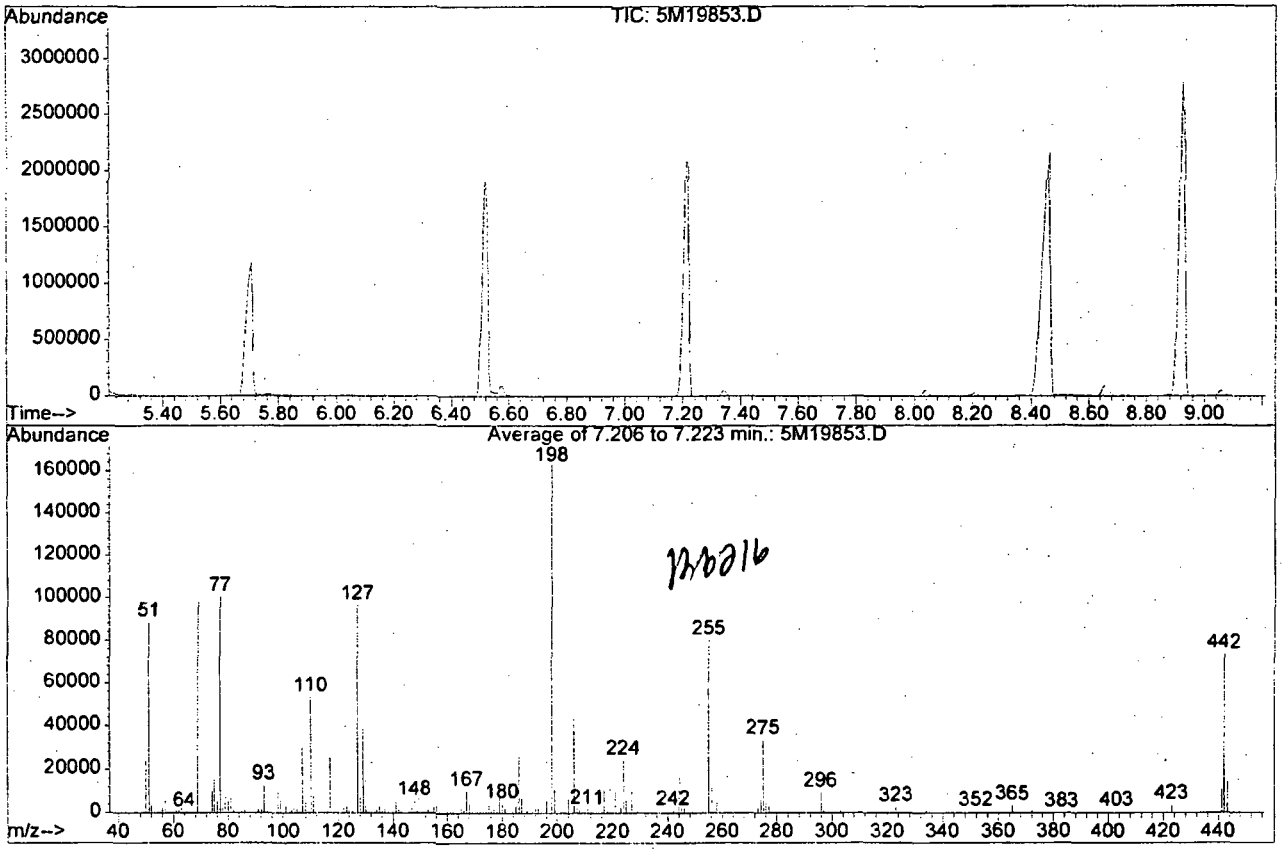
Tune Scan/Time Range: Average of 7.206 to 7.223 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	54.2	88565	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.0	97954	PASS
70	69	0.00	2	0.4	353	PASS
127	198	40	60	59.1	96446	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	163256	PASS
199	198	5	9	6.8	11153	PASS
275	198	10	30	20.6	33550	PASS
365	198	1	100	2.0	3318	PASS
441	443	0.01	100	76.4	10948	PASS
442	198	40	100	45.0	73484	PASS
443	442	17	23	19.5	14338	PASS

Data File	Sample Number	Analysis Date:
5M19854.D	CAL BNA@50PPM	06/20/06 06:28
5M19855.D	CAL BNA@50PPM	06/20/06 07:15
5M19856.D	WMB2932	06/20/06 07:38
5M19857.D	WMB2932(MS)	06/20/06 08:00
5M19858.D	SMB2928	06/20/06 08:22
5M19859.D	MECL2LOT#06304	06/20/06 08:43
5M19860.D	SMB2928(MS)	06/20/06 09:05
5M19861.D	AC24074-010	06/20/06 09:26
5M19862.D	AC24074-011(MS:	06/20/06 09:48
5M19863.D	AC24074-012(MS	06/20/06 10:09
5M19864.D	AC24090-002	06/20/06 10:31
5M19865.D	AC24090-003(5X)	06/20/06 10:52
5M19866.D	AC24074-003	06/20/06 11:14
5M19867.D	AC24074-004	06/20/06 11:35
5M19868.D	AC24074-005	06/20/06 11:57
5M19869.D	AC24074-006	06/20/06 12:18
5M19870.D	AC24074-007	06/20/06 12:39
5M19871.D	AC24074-008	06/20/06 13:01
5M19872.D	AC24074-009	06/20/06 13:22
5M19873.D	AC24074-013	06/20/06 13:44
5M19874.D	AC24074-014	06/20/06 14:05
5M19875.D	SMB2927	06/20/06 14:28
5M19876.D	WMB2933	06/20/06 14:49
5M19877.D	WMB2933(MS)	06/20/06 15:11
5M19878.D	AC24080-002(T)	06/20/06 15:33
5M19879.D	AC23988-005	06/20/06 15:54
5M19880.D	AC24062-001(3X)	06/20/06 16:16
5M19881.D	AC24048-001(3X)	06/20/06 16:38
5M19882.D	AC24068-001(3X)	06/20/06 16:59
5M19883.D	AC24068-002(3X)	06/20/06 17:21
5M19884.D	AC24068-003(3X)	06/20/06 17:42
5M19885.D	AC24068-004(3X)	06/20/06 18:04
5M19886.D	AC24045-001	06/20/06 18:25
5M19887.D	AC24045-001	06/20/06 18:46
5M19888.D	AC24078-001	06/21/06 04:15
5M19889.D	AC24078-002	06/21/06 04:36

DFTPP

Data File : G:\GcMsData\2006\GCMS_5\Data\06-20-06\5M19853.D Vial: 1
Acq On : 20 Jun 2006 6:10 Operator: AHD
Sample : CAL DFTPP Inst : GCMS_5
Misc : A,BNA Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : G:\GCMSDATA\2006\GCMS_5\METHODS\5M_0607.M (RTE Integrator)
Title : @GCMS_5,mg,625,8270



Spectrum Information: Average of 7.206 to 7.223 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	54.2	88565	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.0	97954	PASS
70	69	0.00	2	0.4	353	PASS
127	198	40	60	59.1	96446	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	163256	PASS
199	198	5	9	6.8	11153	PASS
275	198	10	30	20.6	33550	PASS
365	198	1	100	2.0	3318	PASS
441	443	0.01	100	76.4	10948	PASS
442	198	40	100	45.0	73484	PASS
443	442	17	23	19.5	14338	PASS

5M19853.D 5M_0607.M Wed Jun 21 09:07:20 2006 RPT1

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Pyridine	1	0	Avg	1.5701	1.5042	1.3686	1.5204	1.6285	1.7846	1.7774	-----	1.59	1.47	0.996	0.999	9.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitrosodimethylamine	1	0	Avg	0.9098	0.7257	0.8089	0.9629	0.9957	0.9676	1.1440	-----	0.931	1.43	0.987	0.994	15	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorophenol	1	0	Avg	1.1884	0.9907	1.0974	1.2574	1.3088	1.3360	1.4831	-----	1.24	3.17	0.993	0.999	13	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Aniline	1	0	Avg	1.8056	1.8732	1.8776	1.9893	2.0339	2.0078	1.9359	-----	1.93	4.37	0.998	0.999	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pentachloroethane	1	0	Avg	0.5426	0.4883	0.4913	0.5361	0.5498	0.5523	0.5938	-----	0.536	4.39	0.997	0.999	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.3408	1.2419	1.2854	1.4004	1.3991	1.3886	1.5127	-----	1.37	4.46	0.996	0.998	6.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol-d5	1	0	Avg	1.7484	1.5565	1.6398	1.8658	1.9663	1.9523	2.1298	-----	1.84	4.41	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Phenol	1	0	Avg	1.7675	1.6807	1.7012	1.8095	1.8963	1.8626	2.0460	-----	1.82	4.42	0.995	0.998	6.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Chlorophenol	1	0	Avg	1.4506	1.3737	1.4402	1.5315	1.5830	1.5475	1.7278	-----	1.52	4.48	0.994	0.998	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,3-Dichlorobenzene	1	0	Avg	1.5111	1.4583	1.4434	1.5241	1.5589	1.5600	1.6369	-----	1.53	4.61	0.999	1.00	4.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dichlorobenzene	1	0	Avg	1.5526	1.4776	1.5413	1.5144	1.5863	1.5884	1.7059	-----	1.57	4.69	0.997	0.999	4.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Dichlorobenzene	1	0	Avg	1.4566	1.3688	1.4592	1.4667	1.5252	1.5403	1.6531	-----	1.50	4.82	0.996	0.999	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzyl alcohol	1	0	Avg	0.9212	0.8159	0.9150	1.0340	1.0122	0.9998	1.0621	-----	0.966	4.84	0.998	0.999	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-chloroisopropyl)ether	1	0	Avg	1.7380	1.6690	1.7399	1.8273	1.8987	1.8734	2.1034	-----	1.84	4.97	0.993	0.998	7.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylphenol	1	0	Avg	1.2860	1.1948	1.3380	1.3528	1.4382	1.4560	1.6707	-----	1.39	4.97	0.988	0.998	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachloroethane	1	0	Avg	0.7219	0.6728	0.7219	0.7560	0.7719	0.7894	0.8018	-----	0.748	5.11	0.999	1.00	6.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
N-Nitroso-di-n-propylamin	1	0	Avg	1.2265	1.1280	1.3021	1.3499	1.3465	1.3463	1.4725	-----	1.31	5.07	0.995	0.998	8.3**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3&4-Methylphenol	1	0	Avg	1.4151	1.2524	1.4058	1.4832	1.6114	1.6342	1.7366	-----	1.51	5.10	0.997	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Nitrobenzene-d5	1	0	Avg	0.1629	0.1314	0.1532	0.1656	0.1693	0.1654	0.1705	-----	0.160	5.18	1.00	1.00	8.6	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Nitrobenzene	1	0	Avg	0.4796	0.4415	0.4691	0.5065	0.4964	0.5078	0.5169	-----	0.488	5.20	1.00	1.00	5.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Isophorone	1	0	Avg	0.8084	0.7325	0.7388	0.8343	0.8441	0.8457	0.8682	-----	0.810	5.40	1.00	1.00	6.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Nitrophenol	1	0	Avg	0.1937	0.1810	0.1857	0.2098	0.2077	0.2088	0.2233	-----	0.201	5.46	0.997	0.999	7.5*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dimethylphenol	1	0	Avg	0.4240	0.3274	0.3667	0.4338	0.4537	0.4620	0.4914	-----	0.423	5.53	0.998	1.00	14	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzoic Acid	1	0	Avg	0.1528	-----	0.1483	0.1480	0.1194	0.1337	0.1018	-----	0.134	5.66	0.933	0.966	15	50.00		25.00	80.00	120.0	160.0	200.0	
bis(2-Chloroethoxy)metha	1	0	Avg	0.4071	0.3791	0.4017	0.4363	0.4318	0.4347	0.4635	-----	0.422	5.59	0.998	0.999	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dichlorophenol	1	0	Avg	0.3038	0.2742	0.2619	0.2966	0.3075	0.3245	0.3533	-----	0.303	5.66	0.993	0.999	10*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4-Trichlorobenzene	1	0	Avg	0.3209	0.3147	0.2959	0.3274	0.3361	0.3482	0.3618	-----	0.329	5.70	0.998	1.00	6.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Naphthalene	1	0	Avg	1.4348	1.2766	1.3239	1.4618	1.5429	1.6214	1.7607	-----	1.49	5.76	0.994	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloroaniline	1	0	Avg	0.4214	0.4049	0.4055	0.4314	0.4111	0.4162	0.3807	-----	0.410	5.82	0.994	0.998	3.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobutadiene	1	0	Avg	0.1975	0.1833	0.1826	0.1977	0.2021	0.2089	0.2101	-----	0.198	5.86	0.999	1.00	5.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chloro-3-methylphenol	1	0	Avg	0.3807	0.3447	0.3561	0.3962	0.4133	0.4248	0.4542	-----	0.396	6.21	0.996	1.00	9.8*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Methylnaphthalene	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	-----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methylnaphthalenes (Total	1	0	Avg	0.7361	0.6775	0.6755	0.7702	0.8126	0.8354	0.9132	-----	0.774	6.28	0.994	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2,4,5-Tetrachlorobenzen	1	0	Avg	0.5446	0.5008	0.5294	0.5546	0.5729	0.5954	0.5655	-----	0.552	6.41	0.998	0.998	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorocyclopentadien	1	0	Avg	0.1785	0.0861	0.1286	0.1981	0.2327	0.2399	0.1845	-----	0.178	6.40	0.957	0.974	31**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3759	0.3220	0.3311	0.3850	0.3874	0.4095	0.3860	-----	0.371	6.50	0.998	0.998	8.7*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,5-Trichlorophenol	1	0	Avg	0.4004	0.3757	0.3739	0.4270	0.4097	0.4235	0.4074	-----	0.403	6.54	0.999	0.999	5.2	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2-Fluorobiphenyl	1	0	Avg	1.2350	1.1848	1.1481	1.2469	1.2640	1.2632	1.2219	-----	1.22	6.56	0.999	1.00	3.5	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
2-Chloronaphthalene	1	0	Avg	1.1342	1.0662	1.0693	1.1624	1.1796	1.2384	1.2086	-----	1.15	6.63	0.999	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,4-Dimethylnaphthalene	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	-----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylnaphthalenes (To	1	0	Avg	0.9120	0.8738	0.8463	0.9532	0.9649	1.0623	1.0517	-----	0.952	6.88	0.997	0.999	8.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diphenyl Ether	1	0	Avg	0.7603	0.7050	0.7072	0.7913	0.7873	0.8415	0.7929	-----	0.769	6.70	0.998	0.998	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
2-Nitroaniline	1	0	Avg	0.5131	0.4682	0.4934	0.5329	0.5321	0.5484	0.5040	-----	0.513	6.72	0.996	0.998	5.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthylene	1	0	Avg	2.4938	2.3298	2.3817	2.6417	2.7039	2.8039	2.7122	-----	2.58	6.93	0.999	0.999	7.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dimethylphthalate	1	0	Avg	1.3458	1.3414	1.3073	1.4325	1.4314	1.5050	1.5197	-----	1.41	6.86	0.999	1.00	5.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,6-Dinitrotoluene	1	0	Avg	0.2929	0.2684	0.2748	0.3116	0.3071	0.3024	0.2884	-----	0.292	6.91	0.997	0.999	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Acenaphthene	1	0	Avg	1.5193	1.4474	1.4617	1.6021	1.6618	1.7333	1.6957	-----	1.59	7.07	0.999	0.999	7.2*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
3-Nitroaniline	1	0	Avg	0.3427	0.3395	0.3348	0.3586	0.3431	0.3313	0.2725	-----	0.332	7.03	0.968	0.994	8.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrophenol	1	0	Avg	0.1338	-----	0.1006	0.1641	0.1688	0.1943	0.1968	-----	0.160	7.13	0.996	0.998	23**(0.050)	50.00		25.00	80.00	120.0	160.0	200.0	
Dibenzofuran	1	0	Avg	1.6256	1.5298	1.5384	1.7464	1.7299	1.8202	1.8267	-----	1.69	7.20	0.999	1.00	7.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4-Dinitrotoluene	1	0	Avg	0.4041	0.3696	0.3975	0.4399	0.4271	0.4250	0.4016	-----	0.409	7.22	0.997	0.999	5.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitrophenol	1	0	Avg	0.3991	0.3304	0.3638	0.4305	0.4134	0.4387	0.4595	-----	0.405	7.20	0.998	0.999	11**(0.050)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,3,4,6-Tetrachlorophenol	1	0	Avg	0.2925	0.2542	0.2524	0.3123	0.3129	0.3271	0.3213	-----	0.296	7.32	0.999	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Fluorene	1	0	Avg	1.8197	1.6832	1.7143	1.9328	2.0337	2.1974	2.1647	-----	1.94	7.48	0.996	0.999	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Chlorophenyl-phenyleth	1	0	Avg	0.6273	0.6326	0.6164	0.6803	0.6972	0.7472	0.7463	-----	0.678	7.49	0.998	0.999	8.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Diethylphthalate	1	0	Avg	1.5301	1.4786	1.4444	1.6003	1.5580	1.6235	1.5610	-----	1.54	7.42	0.999	0.999	4.1	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Nitroaniline	1	0	Avg	0.3493	0.3054	0.3249	0.3679	0.3314	0.3492	0.3195	-----	0.335	7.52	0.994	0.997	6.4	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4,6-Dinitro-2-methylphenol	1	0	Avg	0.1414	-----	0.1226	0.1452	0.1532	0.1556	0.1661	-----	0.147	7.56	0.998	0.999	10	50.00		25.00	80.00	120.0	160.0	200.0	
n-Nitrosodiphenylamine	1	0	Avg	0.5755	0.5216	0.5501	0.5778	0.5968	0.6139	0.6349	-----	0.582	7.60	0.999	1.00	6.6*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
2,4,6-Tribromophenol	1	0	Avg	0.0704	0.0654	0.0613	0.0725	0.0765	0.0765	0.0813	-----	0.0720	7.69	0.998	0.999	9.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
1,2-Diphenylhydrazine	1	0	Avg	1.0529	1.0071	1.0006	1.0492	1.0692	1.0760	1.1777	-----	1.06	7.63	0.995	0.999	5.5	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
4-Bromophenyl-phenyleth	1	0	Avg	0.2073	0.1997	0.1876	0.2104	0.2174	0.2248	0.2291	-----	0.211	7.92	0.999	1.00	6.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Hexachlorobenzene	1	0	Avg	0.1952	0.1843	0.1880	0.1955	0.2046	0.2066	0.2089	-----	0.198	7.96	0.999	1.00	4.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
gamma-BHC	1	0	Avg	0.1776	0.1464	0.1463	0.1584	0.1704	0.1679	0.1685	-----	0.162	8.20	0.999	0.999	7.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Pentachlorophenol	1	0	Avg	0.1103	-----	0.0791	0.1079	0.1216	0.1295	0.1423	-----	0.115	8.16	0.993	0.999	19*(30)	50.00		25.00	80.00	120.0	160.0	200.0	
Phenanthrene	1	0	Avg	1.5882	1.4347	1.5213	1.6222	1.7439	1.8489	1.9524	-----	1.67	8.35	0.995	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Anthracene	1	0	Avg	1.6186	1.4906	1.5368	1.6448	1.7309	1.8247	1.9021	-----	1.68	8.40	0.997	1.00	8.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Carbazole	1	0	Avg	1.1116	0.9961	1.0380	1.1229	1.1481	1.1953	1.2623	-----	1.12	8.58	0.997	1.00	8.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor	1	0	Avg	0.1746	0.1392	0.1608	0.1743	0.1764	0.1824	0.1844	-----	0.170	8.82	1.00	1.00	9.2	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Di-n-butylphthalate	1	0	Avg	1.5835	1.4383	1.4567	1.5850	1.6529	1.6883	1.7751	-----	1.60	8.98	0.998	1.00	7.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Heptachlor epoxide	1	0	Avg	0.1492	-----	0.1453	0.1615	0.1718	0.1773	0.1738	-----	0.163	9.48	0.999	0.999	8.2	10.00		5.00	16.00	24.00	32.00	40.00	
Fluoranthene	1	0	Avg	1.8069	1.6091	1.6427	1.8077	1.8917	2.0142	2.1086	-----	1.84	9.59	0.996	1.00	9.9*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Pyrene	1	0	Avg	1.8098	1.7763	1.7623	1.7523	1.8668	1.8542	1.8674	-----	1.81	9.83	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzidine	1	0	Avg	0.1460	0.3898	0.1620	0.1306	0.1701	-----	-----	-----	0.200	9.78	0.936	0.994	54	50.00	10.00	25.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	0.8214	0.8088	0.7967	0.7992	0.8120	0.8056	0.8120	-----	0.808	10.06	1.00	1.00	1.0	25.00	5.00	12.50	40.00	60.00	80.00	100.0	
Endrin	1	0	Avg	0.0899	0.0867	0.0875	0.1021	0.0956	0.1003	0.0926	-----	0.0935	10.26	0.995	0.997	6.5	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
Butylbenzylphthalate	1	0	Avg	0.7194	0.6932	0.6842	0.6876	0.7189	0.7092	0.7355	-----	0.707	10.67	0.999	1.00	2.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Methoxychlor	1	0	Avg	1.7068	1.5663	1.6589	1.6803	1.7142	1.7646	1.7469	-----	1.69	11.23	1.00	1.00	3.9	10.00	2.00	5.00	16.00	24.00	32.00	40.00	
3,3'-Dichlorobenzidine	1	0	Avg	0.4664	0.4566	0.4597	0.4508	0.4210	0.4129	-----	-----	0.445	11.24	0.998	1.00	5.0	50.00	10.00	25.00	80.00	120.0	160.0		
Benzo[a]anthracene	1	0	Avg	1.7648	1.7126	1.7209	1.7400	1.7515	1.8152	1.8468	-----	1.76	11.23	0.999	1.00	2.8	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Chrysene	1	0	Avg	1.6134	1.5586	1.5484	1.5721	1.5431	1.5195	1.5524	-----	1.56	11.27	1.00	1.00	1.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	0.9754	0.9391	0.9642	0.9253	0.9525	0.9621	0.9911	-----	0.959	11.39	0.999	1.00	2.3	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Di-n-octylphthalate	1	0	Avg	2.3949	2.1173	2.2553	2.4050	2.6300	2.8374	3.0899	-----	2.53	12.13	0.989	1.00	13*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[b]fluoranthene	1	0	Avg	2.2491	2.0364	2.1102	2.2641	2.3365	2.5468	2.7520	-----	2.33	12.42	0.992	1.00	11	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

6200

Form 6
Initial Calibration

Instrument: GCMS_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5M19410.	CAL BNA@50PPM	06/07/06 09:29	2	5M19411.	CAL BNA@10PPM	06/07/06 09:51
3	5M19412.	CAL BNA@25PPM	06/07/06 10:12	4	5M19413.	CAL BNA@80PPM	06/07/06 10:34
5	5M19414.	CAL BNA@120PPM	06/07/06 10:56	6	5M19415.	CAL BNA@160PPM	06/07/06 11:39
7	5M19416.	CAL BNA@200PPM	06/07/06 12:01				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Benzo[k]fluoranthene	1	0	Avg	2.2109	2.1113	2.2096	2.2694	2.3092	2.4341	2.4669	-----	2.29	12.46	0.998	1.00	5.6	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[a]pyrene	1	0	Avg	2.0747	1.9526	2.0188	2.1572	2.1905	2.3574	2.4242	-----	2.17	12.75	0.997	1.00	8.0*(30)	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Indeno[1,2,3-cd]pyrene	1	0	Avg	2.1651	1.9911	2.0746	2.2593	2.2932	2.3919	2.3922	-----	2.22	13.81	0.999	1.00	6.9	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Dibenzo[a,h]anthracene	1	0	Avg	1.7641	1.6378	1.7362	1.8788	1.8574	1.9966	2.0291	-----	1.84	13.83	0.998	0.999	7.7	50.00	10.00	25.00	80.00	120.0	160.0	200.0	
Benzo[g,h,i]perylene	1	0	Avg	1.8031	1.7376	1.8521	1.9181	1.8215	1.9501	1.8961	-----	1.85	14.03	0.999	0.999	4.0	50.00	10.00	25.00	80.00	120.0	160.0	200.0	

Flags
a - failed the spcc criteria ** - ccc compound*
b - failed the ccc criteria *** - spcc compound*
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.56
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.

0800

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19854.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/20/2006 6:28:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,4-Dichlorobenzene-d4	1	0	I	4.61	40.00	40				0.000	0.00	
Pyridine	1	0		1.38	46.30	50			1.593	1.476	7.40	
N-Nitrosodimethylamine	1	0		1.36	48.83	50			0.931	0.909	2.34	
2-Fluorophenol	1	0	S	3.02	46.19	50			1.237	1.143	7.62	
Aniline	1	0		4.30	41.88	50			1.932	1.618	16.24	
Pentachloroethane	1	0		4.32	46.50	50			0.536	0.499	7.00	
bis(2-Chloroethyl)ether	1	0		4.40	47.88	50			1.367	1.309	4.24	
Phenol-d5	1	0	S	4.34	46.97	50			1.837	1.726	6.06	
Phenol	1	0	CC	4.35	43.92	50	20		1.823	1.602	12.16	
2-Chlorophenol	1	0		4.41	47.35	50			1.522	1.441	5.30	
1,3-Dichlorobenzene	1	0		4.55	48.52	50			1.528	1.482	2.96	
1,4-Dichlorobenzene	1	0	CC	4.63	46.52	50	20		1.567	1.458	6.96	
1,2-Dichlorobenzene	1	0		4.75	47.39	50			1.496	1.418	5.22	
Benzyl alcohol	1	0		4.78	44.55	50			0.966	0.861	10.90	
bis(2-chloroisopropyl)ether	1	0		4.90	45.49	50			1.836	1.670	9.02	
2-Methylphenol	1	0		4.91	43.94	50			1.391	1.222	12.12	
Hexachloroethane	1	0		5.04	46.95	50			0.748	0.702	6.10	
N-Nitroso-di-n-propylamine	1	0	CP	5.02	45.99	50	0.05		1.310	1.205	8.02	
3&4-Methylphenol	1	0		5.05	44.48	50			1.506	1.339	11.04	
Naphthalene-d8	1	0	I	5.68	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.12	22.71	25			0.160	0.145	9.16	
Nitrobenzene	1	0		5.13	46.26	50			0.488	0.452	7.48	
Isophorone	1	0		5.34	45.77	50			0.810	0.742	8.46	
2-Nitrophenol	1	0	CC	5.40	48.45	50	20		0.201	0.195	3.10	
2,4-Dimethylphenol	1	0		5.47	46.06	50			0.423	0.389	7.88	
Benzoic Acid	1	0		5.63	41.24	50			0.134	0.111	17.52	
bis(2-Chloroethoxy)methane	1	0		5.54	47.40	50			0.422	0.400	5.20	
2,4-Dichlorophenol	1	0	CC	5.60	47.59	50	20		0.303	0.289	4.82	
1,2,4-Trichlorobenzene	1	0		5.65	48.41	50			0.329	0.319	3.18	
Naphthalene	1	0		5.70	47.45	50			1.489	1.413	5.10	
4-Chloroaniline	1	0		5.77	47.41	50			0.410	0.389	5.18	
Hexachlorobutadiene	1	0	CC	5.80	47.51	50	20		0.198	0.188	4.98	
4-Chloro-3-methylphenol	1	0	CC	6.16	45.03	50	20		0.396	0.356	9.94	
2-Methylnaphthalene	1	0		6.22	44.61	50			0.774	0.691	10.78	
Methylnaphthalenes	1	0		6.22	44.61							
Acenaphthene-d10	1	0	I	6.98	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.35	48.68	50			0.552	0.537	2.64	
Hexachlorocyclopentadiene	1	0	CP	6.34	49.39	50	0.05		0.178	0.176	1.22	
2,4,6-Trichlorophenol	1	0	CC	6.45	47.57	50	20		0.371	0.353	4.86	
2,4,5-Trichlorophenol	1	0		6.48	42.96	50			0.403	0.346	14.08	
2-Fluorobiphenyl	1	0	S	6.50	23.55	25			1.223	1.152	5.80	
2-Chloronaphthalene	1	0		6.58	46.96	50			1.151	1.081	6.08	
1,4-Dimethylnaphthalene	1	0		6.82	47.96	50			0.952	0.913	4.08	
Dimethylnaphthalenes	1	0		6.82	47.96							
Diphenyl Ether	1	0		6.64	46.92	50			0.769	0.722	6.16	
2-Nitroaniline	1	0		6.67	47.63	50			0.513	0.489	4.74	
Acenaphthylene	1	0		6.87	47.24	50			2.581	2.439	5.52	
Dimethylphthalate	1	0		6.81	47.40	50			1.412	1.338	5.20	
2,6-Dinitrotoluene	1	0		6.85	47.47	50			0.292	0.277	5.06	
Acenaphthene	1	0	CC	7.00	47.24	50	20		1.589	1.501	5.52	
3-Nitroaniline	1	0		6.98	50.73	50			0.332	0.337	1.46	
2,4-Dinitrophenol	1	0	CP	7.07	43.32	50	0.05		0.160	0.138	13.36	
Dibenzofuran	1	0		7.14	45.55	50			1.688	1.538	8.90	
2,4-Dinitrotoluene	1	0		7.16	47.05	50			0.409	0.385	5.90	
4-Nitrophenol	1	0	CP	7.15	39.72	50	0.05		0.405	0.322	20.56	
2,3,4,6-Tetrachlorophenol	1	0		7.25	43.11	50			0.296	0.255	13.78	
Fluorene	1	0		7.41	46.86	50			1.935	1.814	6.28	
4-Chlorophenyl-phenylether	1	0		7.42	45.87	50			0.678	0.622	8.26	
Diethylphthalate	1	0		7.36	46.82	50			1.542	1.444	6.36	
4-Nitroaniline	1	0		7.47	44.22	50			0.335	0.297	11.56	
Phenanthrene-d10	1	0	I	8.25	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.50	48.58	50			0.147	0.143	2.84	
n-Nitrosodiphenylamine	1	0	CC	7.53	48.71	50	20		0.582	0.567	2.58	
2,4,6-Tribromophenol	1	0	S	7.62	45.84	50			0.072	0.066	8.32	
1,2-Diphenylhydrazine	1	0		7.56	50.27	50			1.062	1.068	0.54	
4-Bromophenyl-phenylether	1	0		7.85	49.23	50			0.211	0.208	1.54	
Hexachlorobenzene	1	0		7.89	47.99	50			0.198	0.190	4.02	
gamma-BHC	1	0		8.12	10.46	10			0.162	0.170	4.60	
Pentachlorophenol	1	0	CC	8.09	43.22	50	20		0.115	0.100	13.56	
Phenanthrene	1	0		8.27	49.59	50			1.673	1.659	0.82	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 5M19854.D **Instrument:** GCMS_5

Cont Calibration Date/Time 6/20/2006 6:28:00 A **Method:** 8270

TxtCompd:	Col	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Anthracene	1	0		8.32	48.29	50			1.678	1.621	3.42	
Carbazole	1	0		8.50	47.04	50			1.125	1.058	5.92	
Heptachlor	1	0		8.74	9.59	10			0.170	0.163	4.10	
Di-n-butylphthalate	1	0		8.90	49.76	50			1.597	1.589	0.48	
Heptachlor epoxide	1	0		9.40	10.99	10			0.163	0.179	9.90	
Fluoranthene	1	0	CC	9.51	46.38	50	20		1.840	1.707	7.24	
Chrysene-d12	1	0	I	11.15	40.00	40				0.000	0.00	
Pyrene	1	0		9.75	50.17	50			1.813	1.819	0.34	
Benzidine	1	0		9.71	11.51	50			0.200	0.046	76.98	
Terphenyl-d14	1	0	S	9.97	25.47	25			0.808	0.823	1.88	
Endrin	1	0		10.17	11.55	10			0.094	0.108	15.50	
Butylbenzylphthalate	1	0		10.58	49.40	50			0.707	0.698	1.20	
Methoxychlor	1	0		11.14	10.44	10			1.691	1.766	4.40	
3,3'-Dichlorobenzidine	1	0		11.15	54.54	50			0.445	0.485	9.08	
Benzo[a]anthracene	1	0		11.14	49.83	50			1.765	1.759	0.34	
Chrysene	1	0		11.18	48.19	50			1.558	1.502	3.62	
bis(2-Ethylhexyl)phthalate	1	0		11.30	51.01	50			0.959	0.978	2.02	
Perylene-d12	1	0	I	12.72	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.04	51.95	50	20		2.533	2.632	3.90	
Benzo[b]fluoranthene	1	0		12.33	49.35	50			2.328	2.297	1.30	
Benzo[k]fluoranthene	1	0		12.37	50.29	50			2.287	2.301	0.58	
Benzo[a]pyrene	1	0	CC	12.67	48.41	50	20		2.168	2.099	3.18	
Indeno[1,2,3-cd]pyrene	1	0		13.72	48.62	50			2.224	2.162	2.76	
Dibenzo[a,h]anthracene	1	0		13.74	48.52	50			1.843	1.788	2.96	
Benzo[g,h,i]perylene	1	0		13.94	48.48	50			1.854	1.798	3.04	
Toluene Diisocyanate	1	1E		0.00	0.00	50				0.000	100.00	
Diaminotoluene Dihydrochloride	1	1E		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	1E		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/Q - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19410.D

Analysis Date/Time: 06/07/06 09:29

Lab File ID: CAL BNA@50PPM

0033

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
Eval File Area Limit:	8745-34980		34166-136666		20398-81590		35113-140452		37184-148736		27538-110154	
Eval File Rt Limit:	4.18-5.18		5.24-6.24		6.54-7.54		7.83-8.83		10.74-11.74		12.31-13.31	

Data File	Sample#											
5M19410	CAL BNA@50	17490	4.68	68333	5.74	40795	7.04	70226	8.33	74368	11.24	55077	12.81
5M19411	CAL BNA@10	28654	4.68	114779	5.74	67538	7.04	118957	8.33	116414	11.24	89556	12.81
5M19412	CAL BNA@25	17071	4.68	72243	5.74	42647	7.04	73319	8.33	73909	11.24	54822	12.81
5M19413	CAL BNA@80	13817	4.68	55442	5.74	33285	7.04	59823	8.33	66030	11.24	46876	12.81
5M19414	CAL BNA@12	14848	4.68	59991	5.74	36895	7.04	62803	8.33	68325	11.24	45301	12.81
5M19415	CAL BNA@16	15548	4.68	60854	5.75	36702	7.04	63560	8.33	71152	11.25	44592	12.81
5M19416	CAL BNA@20	18156	4.68	74558	5.75	50562	7.04	81313	8.33	94705	11.25	57314	12.82
5M19417	SMB2909(MS	5881	4.67	25875	5.74	16203	7.04	30129	8.33	28680	11.23	25157	12.81

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M19854.D

Analysis Date/Time: 06/20/06 06:28

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	27264	4.61	106956	5.68	63509	6.98	102580	8.25	104301	11.15	67554	12.72
Eval File Area Limit:	13632-54528		53478-213912		31754-127018		51290-205160		52150-208602		33777-135108	
Eval File Rt Limit:	4.11-5.11		5.18-6.18		6.48-7.48		7.75-8.75		10.65-11.65		12.22-13.22	

Data File	Sample#											
5M19856	WMB2932	16994	4.61	69300	5.68	42972	6.98	75004	8.25	68153	11.14	51735	12.72
5M19857	WMB2932(MS	17490	4.61	71318	5.68	41719	6.98	73796	8.25	76208	11.15	47909	12.72
5M19858	SMB2928	20769	4.61	82906	5.68	49455	6.98	82959	8.25	67781	11.14	50129	12.71
5M19859	MECL2LOT#0	14894	4.61	64051	5.68	40090	6.98	72750	8.25	65031	11.14	50572	12.71
5M19860	SMB2928(MS	16957	4.61	66991	5.68	38371	6.98	65261	8.25	53965	11.14	40117	12.71
5M19861	AC24074-010	15630	4.61	64845	5.68	38814	6.98	65072	8.25	56475	11.14	40793	12.71
5M19862	AC24074-011(	19166	4.61	74954	5.68	43065	6.98	71109	8.25	58711	11.15	40807	12.71
5M19863	AC24074-012(	17316	4.61	70234	5.68	41167	6.98	67615	8.25	56263	11.14	40626	12.71
5M19864	AC24090-002	16626	4.61	68326	5.68	39420	6.98	63196	8.25	50208	11.14	38532	12.72
5M19865	AC24090-003(	16205	4.61	66811	5.68	39853	6.98	66865	8.25	54751	11.15	40400	12.72
5M19866	AC24074-003	17503	4.61	67722	5.68	40451	6.98	65289	8.25	52275	11.14	40593	12.71
5M19867	AC24074-004	17162	4.61	65980	5.68	37139	6.98	59008	8.25	46057	11.14	36460	12.71
5M19868	AC24074-005	16482	4.61	68835	5.68	40521	6.98	67518	8.24	55575	11.14	40602	12.71
5M19869	AC24074-006	18129	4.61	73110	5.68	39759	6.98	60941	8.24	48452	11.14	40699	12.72
5M19870	AC24074-007	16670	4.61	65127	5.68	39139	6.98	66251	8.25	53593	11.14	41032	12.71
5M19871	AC24074-008	17540	4.61	68208	5.68	37585	6.98	61390	8.25	50809	11.14	39952	12.71
5M19872	AC24074-009	16204	4.61	65060	5.68	37704	6.98	60366	8.25	51597	11.14	40012	12.71
5M19873	AC24074-013	16384	4.61	65439	5.68	37753	6.98	60289	8.25	50801	11.14	39974	12.71
5M19874	AC24074-014	15473	4.61	66185	5.68	39754	6.98	65386	8.24	54407	11.14	41237	12.72
5M19875	SMB2927	18457	4.61	75050	5.68	41811	6.98	63680	8.25	51269	11.14	43084	12.71
5M19876	WMB2933	17459	4.61	67443	5.68	42267	6.98	71048	8.25	58159	11.14	44148	12.71
5M19877	WMB2933(MS	17219	4.61	68469	5.68	39277	6.98	69420	8.25	63349	11.15	42001	12.72
5M19878	AC24080-002(	17784	4.61	72860	5.68	44452	6.98	72422	8.25	60143	11.15	45373	12.72
5M19879	AC23988-005	17866	4.61	91022	5.68	44208	6.98	76866	8.25	58932	11.15	44686	12.72
5M19880	AC24062-001(	18749	4.61	74969	5.68	49057	6.98	74338	8.25	59315	11.15	46778	12.71
5M19881	AC24048-001(	20419	4.61	84165	5.68	49247	6.98	78230	8.25	61894	11.15	47838	12.72
5M19882	AC24068-001(	12398	4.61	51360	5.68	29227	6.98	45730	8.25	38737	11.15	29690	12.72
5M19883	AC24068-002(	11980	4.61	47887	5.68	28998	6.98	46302	8.25	38955	11.15	29805	12.72
5M19884	AC24068-003(	12565	4.61	51465	5.68	30668	6.98	48128	8.25	38737	11.15	29876	12.72
5M19885	AC24068-004(	12247	4.61	51836	5.68	30234	6.98	47225	8.25	38311	11.15	28056	12.72

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria.

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

MDL STUDY

Compound:	Instrument ID:> GCMS_5 Effective Date:> 4/2/2006 All Units:PPB	MDL	MDL	MDL	MDL	MDL
Acenaphthene		0.25458				
Acenaphthylene		0.24445				
Anthracene		0.18512				
Benzo[a]anthracene		0.22437				
Benzo[a]pyrene		0.16153				
Benzo[b]fluoranthene		0.21330				
Benzo[g,h,i]perylene		0.28685				
Benzo[k]fluoranthene		0.31492				
Chrysene		0.18768				
Dibenzo[a,h]Anthracene		0.24805				
Fluoranthene		0.15490				
Fluorene		0.14916				
Indeno[1,2,3-cd]pyrene		0.18027				
Naphthalene		0.44300				
Phenanthrene		0.22941				
Pyrene		0.14695				

Analysis Type: SOLIDS

Batch Number: SOLIDS-3957 **Units: Percent**

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC24080-001	NA	NA	20	92.79279	NA	0.2	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC24080-001	DUP		93		100	92.793	1	12.1	11.3			06/19/06	DJ
AC24080-001	Sample		93		100	92.982	1	12.4	11.6			06/19/06	DJ
AC24080-002	Sample		94		100	93.966	1	12.6	11.9			06/19/06	DJ
AC23959-002	Sample		87		100	86.842	1	12.4	10.9			06/19/06	DJ
AC23959-004	Sample		86		100	86.087	1	12.5	10.9			06/19/06	DJ
AC23959-006	Sample		85		100	85.345	1	12.6	10.9			06/19/06	DJ
AC23959-008	Sample		86		100	85.965	1	12.4	10.8			06/19/06	DJ
AC23959-010	Sample		85		100	85.345	1	12.6	10.9			06/19/06	DJ
AC23959-012	Sample		85		100	85.455	1	12.0	10.4			06/19/06	DJ
AC24068-001	Sample		89		100	89.286	1	12.2	11.0			06/19/06	DJ
AC24068-002	Sample		87		100	87.069	1	12.6	11.1			06/19/06	DJ
AC24068-003	Sample		87		100	86.842	1	12.4	10.9			06/19/06	DJ
AC24068-004	Sample		89		100	89.189	1	12.1	10.9			06/19/06	DJ
AC24062-001	Sample		90		100	89.744	1	12.7	11.5			06/19/06	DJ
AC24090-002	Sample		94		100	93.913	1	12.5	11.8			06/19/06	DJ
AC24090-003	Sample		88		100	88.182	1	12.0	10.7			06/19/06	DJ
AC24084-001	Sample		84		100	84.211	1	12.4	10.6			06/19/06	DJ
AC24085-001	Sample		84		100	84.483	1	12.6	10.8			06/19/06	DJ
AC24086-001	Sample		86		100	85.965	1	12.4	10.8			06/19/06	DJ
AC24087-001	Sample		58		100	57.522	1	12.3	7.5			06/19/06	DJ
AC24089-001	Sample		83		100	83.333	1	12.4	10.5			06/19/06	DJ

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.

Na - Not Applicable

Nc - Not Checked ..either one or both values =ND

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