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ENVIRONMENTAL CONSULTING

SEMI-ANNUAL PROGRESS REPORT NO. 1 VOLUNTARY REMEDIATION PROGRAM

RAYLOC FACILITY
600 RAYLOC DRIVE
FULTON COUNTY
ATLANTA, GEORGIA
HSI SITE # 10547

SAGE PROJECT NO. 1221-1-4

Prepared For:

Genuine Parts Company
2999 Circle 75 Parkway
Atlanta, Georgia 30339

Prepared By:

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APRIL 11, 2014

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April 11, 2014

Mr. Allan C. Nix, P.G.
Georgia Department of Natural Resources
Georgia EPD Response and Remediation Program
2 Martin Luther King Jr. Dr., SE, STE 1462 East
Atlanta, GA 30334

Subject: **Semi-Annual Progress Report No. 1**
Voluntary Remediation Program
Rayloc Facility
600 Rayloc Drive, SW
Atlanta, Fulton County, Georgia 30336
HSI #10547
Sage Project No. 1221-1-4

Dear Mr. Nix:

Sage Environmental Consulting, L.P., under contract to Genuine Parts Company (GPC), respectfully submits this 1st Semi-Annual Progress Report. This submittal is in response to the October 11, 2013 Georgia Environmental Protection Division (GAEPD) correspondence. This report describes the actions taken at the site since the 1st Annual PPCAP Progress Report submitted on January 10, 2014.

The GAEPD comment letter dated October 11, 2013 regarding the VIRP, Response to EPD Conditional CAP Approval, and CAP Performance Management Plan, and the comment of the same date regarding the *Conditional Approval of Entry Into Voluntary Remediation Program*, stated the following:

"The approved VIRP specifies corrective action consisting of the following;

- Treatment of contaminated groundwater and soil in and near the former waste-pit area with gas-infusion technology, with the objective of achieving Type 3 risk reduction standards (RRS) concentrations in both mediums.
- A DNAPL source-zone investigation will be conducted and, if necessary, appropriate corrective action will be proposed and implemented.
- Soil conditions in eight (8) documented source areas will be assessed and, if necessary, corrective action will be proposed and implemented to eliminate source material and to bring soil within Type 3 or Type 4 RRSs."

Further, the comment letter listed the following as Conditions of VIRP Approval:

- Installation of an additional well near the southwestern corner of the RentRite property.
- Include PT-3 into the VRP semi-annual monitoring program;
- Submit a plat depicting the locations of the existing pilot-test injection wells;
- Submit monitoring well construction schematics for the existing pilot-test wells as well as all newly installed injection wells;
- Demonstration of complete horizontal and vertical delineation;
- Evaluate the vapor-intrusion pathway for all buildings located over the dissolved contaminant plume; and
- Specify the point of exposure (POE) or point of demonstration (POD) with regard to contaminated groundwater.

Sage appreciates the opportunity to work with you on this project. Please feel free to contact me at (678) 431-0130 or jack.wintle@sageenvironmental.com or Mr. Bob Lewis with Genuine Parts Company at (404) 858-2564 if you have any questions regarding our report.

Sincerely,
Sage Environmental Consulting, L.P.

Jack A. Wintle, P.G.
Senior Regulatory Specialist

cc: Mr. Bob Lewis, Genuine Parts Company
Mr. Douglas E. Cloud, Kazmarek Mowrey Cloud Laseter LLP

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1.0 INTRODUCTION

A Voluntary Remediation Plan (VRP) for the Rayloc facility located at 600 Rayloc Drive in Atlanta, Fulton County, Georgia, was received by the Georgia Environmental Protection Division Response and Remediation Program (GAEPD) on January 15, 2013. This VRP was conditionally approved by the GAEPD on October 11, 2013. In order to evaluate the progress of the voluntary clean-up efforts, semi-annual progress reports are to be prepared. As such, this 1st Semi-Annual Progress Report (a baseline) for the Rayloc VRP incorporates all of the work completed since January 10, 2014, and establishes the remedial framework planned for the future.

The remedial activities include the continuation of the treatment of contaminated groundwater and soil in and near the former waste pit area with gas-infusion technology with the objective of achieving Type 3 Risk Reduction Standards (RRS) in both of these mediums. Please refer to Figures 1, 2, 3 & 4 for a Site Aerial Map, a VRP Investigation Map, an eGeo System Injection Well Location Map, and a Source Zone Investigation Map, respectively. Table 7 is a Summary of Professional Oversight Hours.

2.0 WORK COMPLETED TO DATE

Since January 10, 2014, Sage has conducted an investigation at the Rayloc building and surrounding areas within the property boundary. A source zone investigation was also conducted at the source area in an attempt to ascertain whether or not DNAPL was present. The following sections discuss the investigations.

2.1 Building and Immediately Surrounding Area Investigation

Sage conducted a subsurface investigation to address the PPCAP findings inside and outside of the Rayloc building. Borings were advanced to a depth of 10 feet below ground surface (bgs) using a direct-push drill rig and soil samples were collected at 2, 5 and 10 feet in all locations. These soil samples were then warmed to approximately 70° F and surveyed (field-screened) with a photo-ionization detector (PID). Samples were chosen for laboratory analysis based on the PID survey. Please refer to Figure 2 for the boring locations, Table 1 for the PID Survey and Tables 3, 4 and 5 for the volatile organic compound (VOC), total petroleum hydrocarbons - gasoline and diesel range organics (TPH-GRO & DRO), and Oil & Grease (O&G) laboratory results, respectively. The laboratory reports are located in Appendix A. This investigation included collecting and analyzing soil samples from the following areas discussed below.

2.1.1 Building Exterior Investigation

1. What appeared to be caustic deterioration of the block wall noted outside the parts disassembly and cleaning area, Sage probed two locations (CD-1 & -2) in this area and collected one soil sample from each boring for analysis of volatile organic compounds (VOCs) and Oil & Grease (O&G).

Results
Laboratory results of the samples collected did not detect VOCs or O&G above the laboratory detection levels. Samples CD-1 @ 10' and CD-2 @ 5' did not detect DRO above the laboratory detection level while sample CD-1@ 5' detected DRO at 494 ppm.

2. Within open trenches of the concrete pavement historically used to channel surface runoff noted in and around the core barn and covered shed areas, where used parts were stored prior to disassembly and cleaning, Sage probed seven locations (OT-1 through -7) and collected one soil sample from each boring for analysis of VOCs and O&G.

   Results
   Laboratory results of samples OT-1@ 10', OT-2 @ 10', OT-3 @ 10', OT-4 @ 10',OT-6 @ 10', and OT-7 @ 2' did not detect VOCs above the laboratory detection levels while sample OT-3 @ 10' detected tetrachloroethene (PCE) at 9.9 parts per million (ppm), sample OT-5 @ 10' detected PCE At 0.645 ppm, and sample OT-6 @ 5' detected cis-1,2-Dichloroethene (DCE) at 1.35 ppm.

   Laboratory results of all but one of the open trench samples collected did not detect O&G above the laboratory detection level. Sample OT-1 @ 10' detected O&G at 1,300 ppm.

3. The storm sewer system along the western property boundary collected runoff from the areas noted above. Given that the open trench sampling only had a single significant detection of PCE at 9.9 ppm at a location of approximately 120 feet from the sewer line, and four other closer sample locations in which three were non-detect and one detected DCE at 1.35 ppm, Sage did not collect samples from the storm sewer system.

4. The former AST area at the rear of the building provided bulk storage for chemicals used in the Site operations. Sage probed three locations (AST-1, -2 & -3) and collected one soil sample from each boring for analysis of VOCs.

   Results
   Laboratory results of samples AST-1 @ 10' and AST-3 @ 10' did not detect VOCs above the laboratory detection levels while sample AST-2 @ 10' detected methylene chloride at 0.648 ppm, PCE at 0.694 ppm, and vinyl chloride (VC) at 0.342 ppm.

5. Two former USTs, a 1,500-gallon gasoline UST and a 20,000-gallon diesel UST, represent potential sources of petroleum constituents.

   Information from the Georgia Underground Storage Tank (UST) Division indicated that the 1,500-gallon UST was installed in April of 1973 and removed in February 1993 and the 20,000-gallon UST was installed in March 1973 and removed in February 1993.

Sage was also provided with a Tank Closure report dated March 18, 1994 from GPC and a Closure Assessment from the Georgia Environmental Protection Division (EPD) regarding these tanks. This report stated that both the 1,500- and the 20,000-gallon USTs were removed in February 1993 and soil samples were collected from the excavations and were analyzed for total petroleum hydrocarbons (TPH) as well as benzene, toluene, ethyl benzene, and xylenes (BTEX). Results from the soil samples collected from the 1,500-gallon UST excavation did not detect BTEX and only 37 ppm of TPH was detected. Samples from the 20,000-gallon UST detected elevated levels of TPH and a total of 302.73 tons of impacted soil was excavated and disposed of offsite. Following the removal of this impacted soil, two additional soil samples were collected from the over-excavation and analyzed. One of these soil samples did not detect TPH and the other detected only 12 ppm of TPH. The Closure Assessment stated that "*Because you have determined that the contamination is below the cleanup standards, then, under the current GUST Rules, corrective action is not required*". This report and letter are included in Appendix B.

Prior to being provided with the Closure Report and EPD letter, Sage investigated both of the former UST areas using a Ground Penetrating Radar (GPR) unit. The GPR survey revealed no indications of the USTs or associated piping in either area. Sage probed two locations in the former 1,500-gallon UST location. Soil recovered from each of these probes (UST-1 and -2) were analyzed for TPH-GRO. Please refer to Appendix B for a copy of the UST information.

Results

Laboratory results of the samples collected did not detect TPH-GRO above the laboratory detection levels.

No sampling was conducted in the area of the 20,000-gallon UST due to the above noted information.

2.1.2 Building Interior Investigation

1. In an area inside of the building where the maintenance shop was located, which includes floor drains along with a washing machine sand trap, Sage probed three locations (MS-1, -2 & -3) and collected one soil sample from each boring based on a PID survey for analysis of VOCs and O&G.

   Results

   Laboratory results of the samples collected did not detect VOCs or O&G above the laboratory detection levels.

2. A parts disassembly and cleaning area was maintained to prepare used parts for reconditioning and utilized solvents to remove oils and grease from the parts during the disassembly and cleaning process. Sage probed two locations (PD-1 & -2) and collected one soil sample from each boring for analysis of VOCs, O&G, and DRO.

Results
Laboratory results of sample PD-1 @ 10' detected cis-1, 2-Dichloroethene at 1.73 ppm, methylene chloride at 0.807 ppm, PCE at 115 ppm, TCE at 1.69 ppm, and VC at 0.404 ppm.

Laboratory results of sample PD-2 @ 10' detected DCE at 6.79 ppm, methylene chloride at 1.89 ppm, PCE at 103 ppm, TCE at 21.5 ppm, and VC at 0.943 ppm.

Laboratory results of sample PD-3 @ 2' detected DCE at 40.2 ppm, methylene chloride at 0.774 ppm, PCE at 48.7ppm, TCE at 3.74 ppm, and VC at 0.387 ppm.

Laboratory results of sample PD-3 @ 10' detected PCE at 1.02 ppm.

Laboratory results of the samples collected did not detect O&G above the laboratory detection levels.

3. Where a cleaning oven in the brake disassembly process was used to remove the friction material from the lining by dissolving the mastic, Sage probed two locations (CO-1 & -2) and collected one soil sample from each boring for analysis of VOCs and DRO.

   Results
   Laboratory results of the samples collected did not detect VOCs or O&G above the laboratory detection levels. Samples CO-1 @ 10' detected DRO at 4.95 ppm, CO-2 @ 5' detected DRO at 12.6 ppm.

2.2 Source-Specific Vadose Zone Investigation

Sage conducted a source-specific investigation behind the Rayloc building in order to determine the efficiency of the eGeo System in remediating the vadose zone impact. A direct-push rig was utilized to collect soil samples at five-foot intervals to a total depth of 30 feet bgs from 20 specific locations within the vadose zone of the Source Area. A PID was used to determine which samples should be analyzed for VOCs.

Monthly samples will be collected from those same locations and depths to measure the efficiency of the eGeo System as well as to provide timely and consistently representative data that will allow us to modify the system or install additional injection wells as needed. Please refer to Figure 4 for the Source Zone Investigation Map showing the boring locations, Table 5 for the Source Zone PID Survey Table and Table 6 for the Source Zone Sampling Results. Laboratory reports are located in Appendix D.

2.3 DNAPL Source Zone Investigation (on-going)

Concurrently, Sage collected soil samples from the highest PID readings to be tested for potential dense non-aqueous phase liquid (DNAPL) that may be bound into the site soil. Sage utilized a PID, visual assessment, analytical results and Indigo Blue (Red Oil) to conduct this NAPL assessment of the source vadose zone. Please refer to Figure 4 for the Source Zone Investigation Map showing the boring locations, Table 5 for the Source Zone PID Survey Table, Table 6 for the Source Zone Sampling Results, Appendix C for the Indigo Blue photographs and Appendix D for the Source Zone sample laboratory results. Table 5 shows the PID, visual assessment, Blue Indigo and laboratory results for each of the samples selected for the DNAPL Source Zone Investigation.

The Indigo Blue is an *OilScreenSoil* ® from Cheiron Resources Ltd. in Calgary, Alberta, Canada. Sage utilized the Indigo Blue dye test kit due to the typical red color of the Georgia soils.

Per Cheiron:

This product was developed in response to a request for a "non Sudan IV based" instant" oil screening kit that will identify the presence of petroleum products in petroleum contaminated soil, sand and gravel. In order to provide a maximum visual contrast against dark or red soils this kit stains hydrocarbons and oils a bright royal blue color.

Suspected petroleum or DNAPL contaminated soil is added to the sample bottle, to which potable water is also added and the contents shaken vigorously. A rapidly dissolving cube is attached to the cap. The cube has a blue water soluble dye disbursed throughout its surface.

The blue dye highlights petroleum products or DNAPL by turning them a bright blue. When free petroleum floats to the surface it attaches to an EPS bead that is supplied with the kit and/or attaches to the walls of the container. From concentrations below to about 2,500 ppm to the limit of detection (which is about 500 ppm) the EPS bead will turn a pale bluish shade. At very low concentrations it is suggested to utilize a used kit as a comparison for the color depth of the EPS bead as the color change may be slight.

The range of detection is approximate because a soil's affinity for oil will vary. Since DNAPL is heavier than water it is typically seen towards the bottom of the jar. The DNAPL can also be seen as blue "beading" on the sides of the container.

Based on the results of the DNAPL Source Zone Investigation, DNAPL was not visually evident or detected with the Blue Indigo dye test kit although laboratory results indicate that there may be NAPL in the vadose zone. Sage will continue the investigation and provide results in the October 11, 2014 Semi-Annual Report.

Based on a "Calculation Note" from the Savannah River Site Calculations and Software to Determine the Presence of Non-Aqueous Phase Liquids in Environmental Media Revision 0, Q-CLC-G-00059, dated August 2003, *Possible reasons NAPL may be overlooked is because it can occur as a thin, discrete layer or because the concentration indicating a NAPL may occur at a much lower threshold than anticipated. The failure to recognize the presence of NAPL can be attributed to the complicated processes of inter-media transfer in the soil media and the fact that chemical properties do change in complex organic mixtures in environmental samples. Identification of NAPL in various phases of soil media is complicated by changes in the physical and chemical properties of the organic compounds present in these mixtures.*

2.4 Point of Exposure and Point of Demonstration

Based on the extensive investigation that has been conducted at the Rayloc site and our most recent Water Well Survey (December 2003), the Point of Exposure for the site is a private drinking water well for Anaconda Aluminum located more than 1.5 miles southwest of the site. The Point of Demonstration is groundwater monitoring well MW-10 located approximately 1,770 feet southwest of the Rayloc facility.

3.0 MILESTONES IN-PROGRESS OR TO BE COMPLETED

The milestone work that is either in-progress or to be completed at the Rayloc property is outlined in the following Sections.

3.1 Complete Horizontal and Vertical Delineation

Although much of the impacted groundwater has been delineated, Sage is in the process of further delineating the groundwater impact as well as delineating the soil impact at the Rayloc property and anticipates completion of this prior to the required April 11, 2016 Semi-Annual Progress Report submittal.

3.2 VRP Corrective Action

Sage is in the process of determining the most effective corrective action necessary to eliminate source material identified during the VRP investigation and to bring those locations to within Type 3 or Type 4 RRSs. This information will be provided in the October 11, 2014 Semi-Annual Report.

3.3 Source Zone Vadose Pilot Study

Sage is in the process of initiating a 6-month Source Zone Pilot Study in order to verify that the eGeo System is effectively removing impact within the vadose zone. The Pilot Study includes two 30-foot, 2-inch PVC injection wells with 30 feet of 10-slot screen to total depth, and five 30-foot, 2-inch PVC extraction wells located at distances of five, ten and fifteen feet from the injection wells. Based on the detection of the gases at these

various distances, Sage will be able to better determine the most effective radius of influence to use with the system.

The Pilot Study will be used in an anaerobic mode to drive reductive dechlorination using a mixture of hydrogen, methane, and nitrogen gas. The system has been designed to pull treatment gas through the zone of soil contamination rather than to extract VOCs directly. Therefore, extraction flow rates will be lower than conventional soil vapor extraction (SVE) methodology. The design intent is to draw sufficient treatment gas through the impacted zone to sustain both chemical decomposition (reductive dechlorination) and biodegradation of PCE in situ.

Activated carbon treatment will be used to ensure that VOC concentrations are not discharged to the atmosphere. During the initial stages of the vapor extraction, high concentrations of VOC may be encountered and will dictate the size of the activated carbon system. The vapor will be processed through an air-water separator, an air cooled heat exchanger, followed by fixed bed adsorber vessels. During startup, a single 1,000-pound activated carbon vessel will be used. An additional 500-pound unit will be available if necessary. The dual vessel design will also allow continuous operation of one unit while the other is being recharged with new carbon media.

The results of the Pilot Study will be provided in the October 11, 2014 Semi-Annual Report.

3.4 Vapor-Intrusion Investigation (Rayloc Building)

Soil-vapor samples will be collected from locations within the Rayloc building within the next two months to determine whether chlorinated solvents in the site groundwater may have migrated to the building area. This data will be provided in the October 11, 2014 Semi-Annual Report.

3.5 Installation of New Monitoring/Injection Wells

Based on the results of the most recent sentinel well sampling event it is clear that additional injection and sentinel wells are necessary to complete the required remediation of both the soil and groundwater in the source area. In conjunction with the delineation of the impact at the Rayloc property, Sage will install additional injection wells and monitoring wells on an as needed basis.

Provided in Appendix E are the Injection Well Schematics for wells A1-I1 through A1-I9. Sage is in the process of completing the injection well schematics for the remaining injection wells and will provide them, as well as any new wells, in the October 11, 2014 Semi-Annual Report.

4.0 CERTIFICATIONS

4.1 Professional Geologist Certification

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional geologist who is registered with the Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Jack A. Wintle

Jack A. Wintle P.G.
Senior Regulatory Specialist

Date: April 11, 2014

Geologist Seal

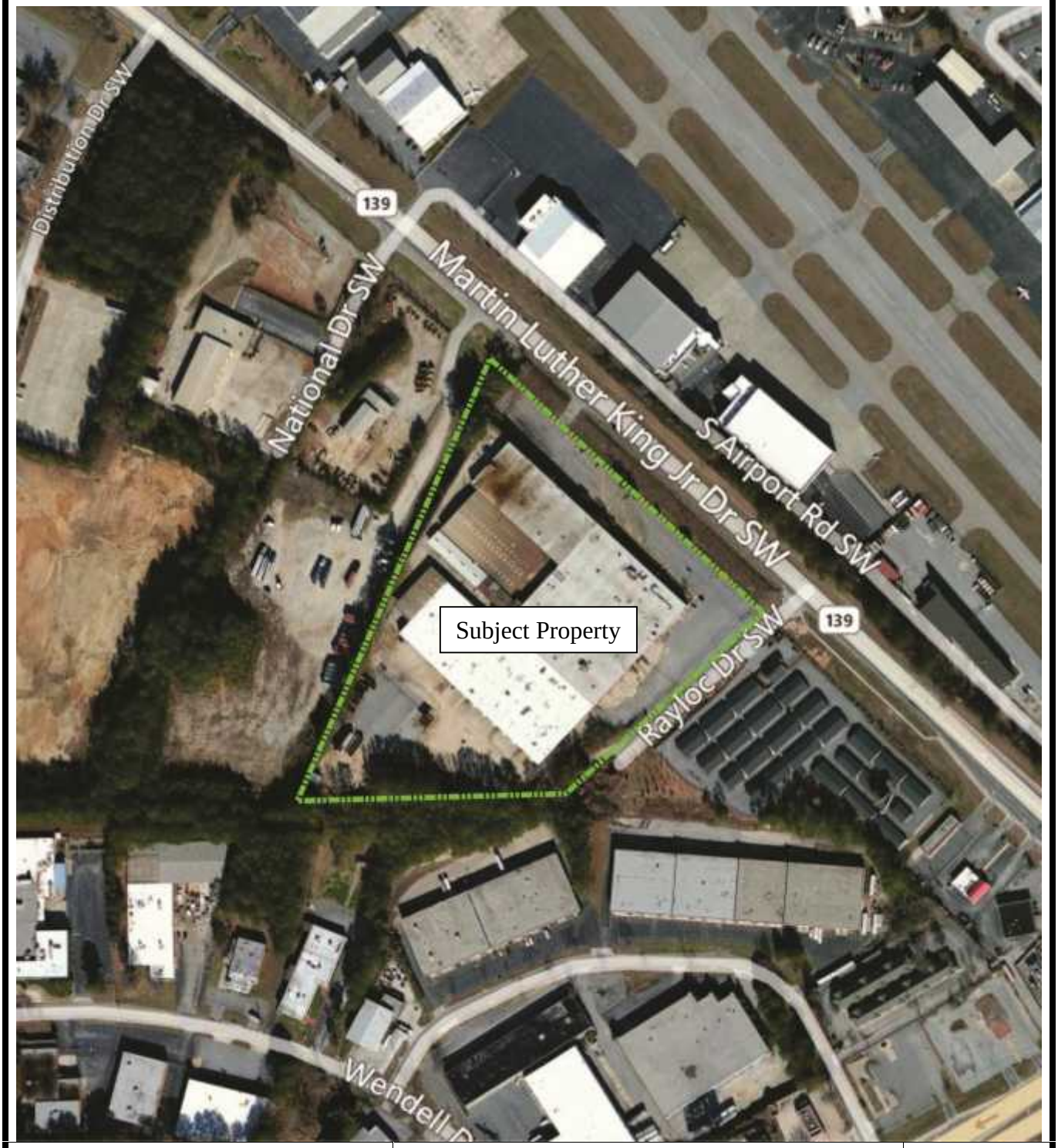
4.2 CD/DVD Certification

Sage Environmental Consulting, LP (Sage) certifies that this electronic copy of the report identified below is complete, identical to the paper copy, and virus free.

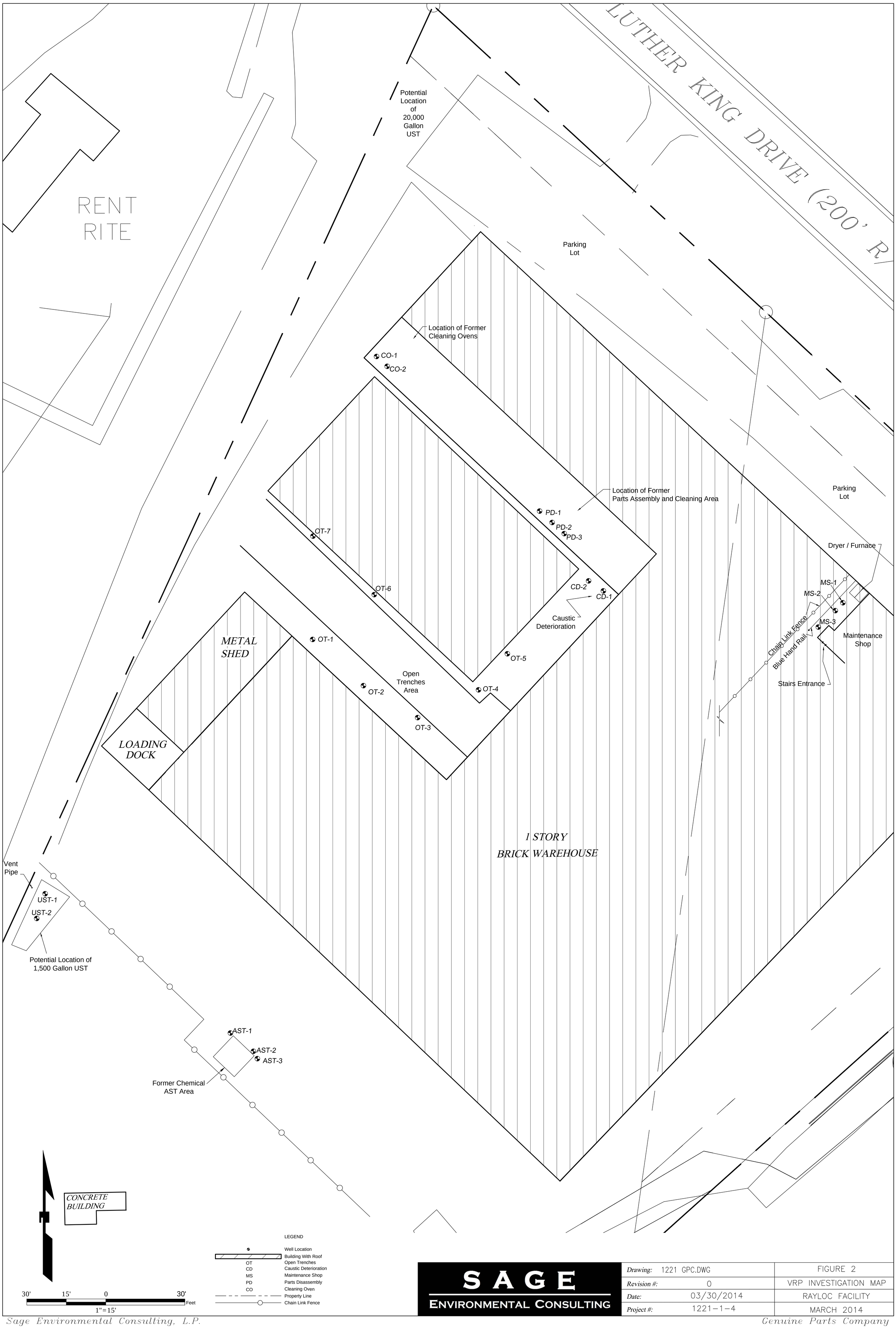
Jack A. Wintle

Jack A. Wintle, P.G.
Senior Regulatory Specialist

FIGURES
(#1 THROUGH #4)



Legend		Figure 1 – Site Aerial Map	Scale
Map Source: Google Earth	N	**Rayloc Facility** **600 Rayloc Drive** **Atlanta, Fulton County, Georgia**	NTS
Map Date: 10-31-2012			
Project No.: **1221-1-4**	DA	SAGE ENVIRONMENTAL CONSULTING	**Sage Environmental Consulting, L.P.** **600 Chastain Road, Suite 320** **Kennesaw, Georgia 30144**

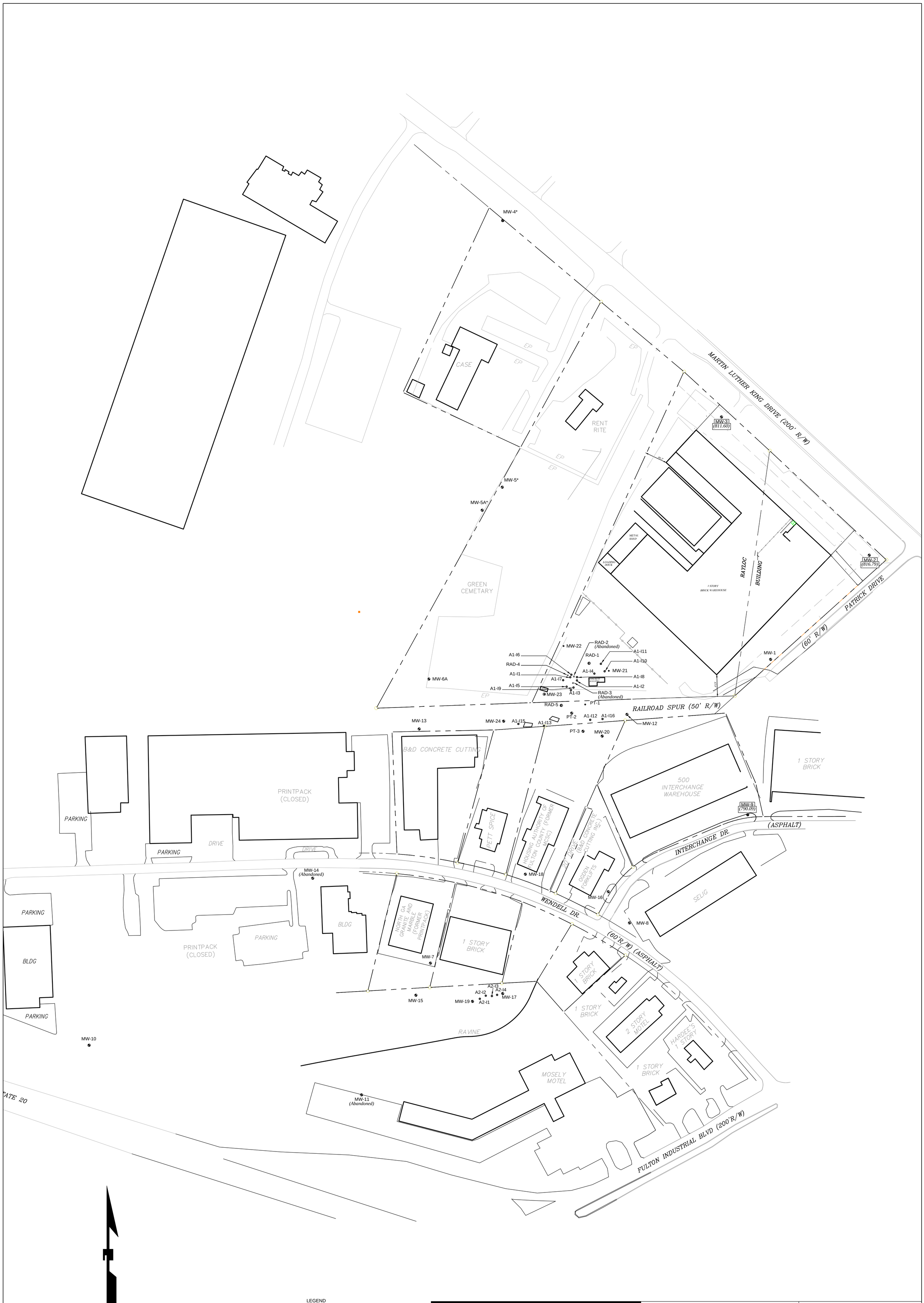


SAGE ENVIRONMENTAL CONSULTING	Drawing: 1221 GPC.DWG	FIGURE 2
	Revision #: 0	VRP INVESTIGATION MAP
	Date: 03/30/2014	RAYLOC FACILITY
	Project #: 1221-1-4	MARCH 2014

1221 GPC.dwg

Sage Environmental Consulting, L.P.
March, 2014

Genuine Parts Company
Atlanta, GA

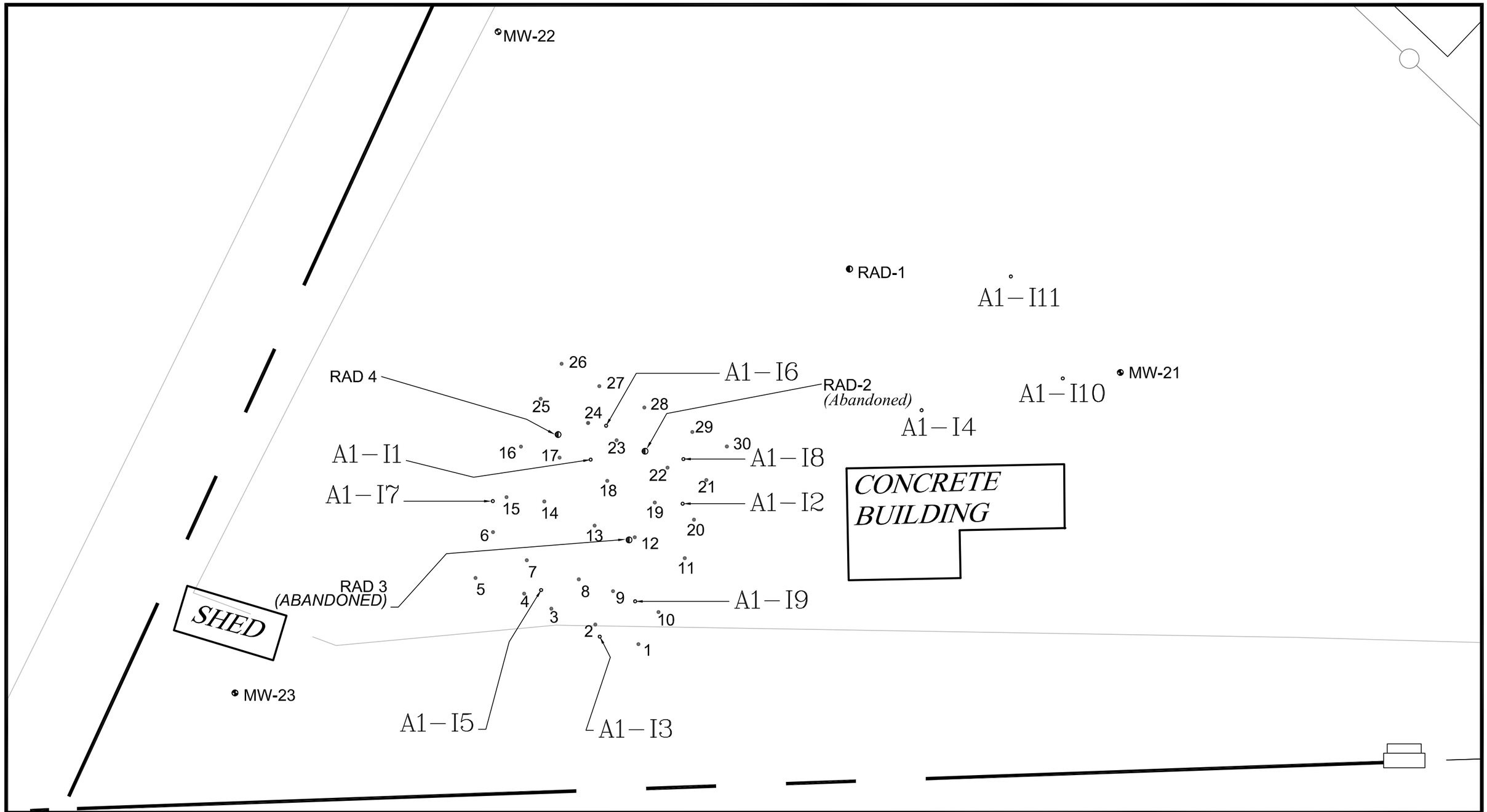


1221 GPC.dwg

SAGE ENVIRONMENTAL CONSULTING	Drawing: 1221 GPC.DWG	FIGURE 3
	Revision #: 0	eGEO INJECTION SYSTEM MAP
	Date: 3/30/ 2014	RAYLOC FACILITY
	Project #: 1221-1-4	MARCH 2014

Sage Environmental Consulting, L.P.
MarcH, 2014

Genuine Parts Company
Atlanta, GA



LEGEND

- Injection Well Location
- Soil Sample Boring Locations
- Bedrock Monitoring Well
- Monitoring Well Location
- Property Line

0 10' 20'
Approximate Scale In Feet

N

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Drawing:	1221 GPC.DWG	FIGURE 4
Revision #:	0	SOURCE AREA PILOT STUDY
Date:	02/19/2014	RAYLOC FACILITY
Project #:	1221−1−4	MARCH 2014

1221 GPC.dwg

Sage Environmental Consulting, L.P.
February 2014

Genuine Parts Company
Atlanta, GA

TABLES
(#1 THROUGH #7)

TABLE 1
Photoionization Detector (PID) Survey
Rayloc VRP Investigation
Atlanta, Fulton County, Georgia
HSI# 10547

Sample ID	Date	Depth (FT)	Result
PD-1	1/15/2014	2	15,000
		5	3,609
		10*	15,000
PD-2	1/15/2014	2	31.9
		5	42.4
		10*	57.1
PD-3	1/15/2014	2*	58.6
		5	171.1
		10*	20.5
OT-1	1/14/2014	2	0.0
		5	0.0
		10*	0.0
OT-2	1/14/2014	2*	18.2
		5	1.1
		10*	0.3
OT-3	1/14/2014	2*	12,289
		5	85.5
		10*	3.1
OT-4	1/14/2014	2	336
		5	109
		10*	18.7
OT-5	1/15/2014	2	6.7
		5	19.7
		10*	29.0
OT-6	1/15/2014	2	52.9
		5*	43.9
		10*	1.7
OT-7	1/15/2014	2*	1.3
		5	0.0
		10	0.0

* - denotes sample chosen for laboratory analysis.

Sample ID	Date	Depth (FT)	Result
MS-1	1/15/2014	2	0.4
		5*	2.6
		10	0.7
MS-2	1/15/2014	2	0.0
		5*	1.2
		10	0.8
MS-3	1/15/2014	2	11.1
		5	14.7
		10*	10.0
CO-1	1/15/2014	2	0.2
		5	1.7
		10*	6.4
CO-2	1/15/2014	2	0.0
		5*	1.0
		10	0.5
CD-1	1/14/2014	2	1,172
		5*	2,265
		10*	7.3
CD-2	1/14/2014	2	0.7
		5*	1.1
		10	0.6
AST-1	1/14/2014	2	0.6
		5	0.9
		10*	1.0
AST-2	1/14/2014	2	4.1
		5	8.6
		10*	23.0
AST-3	1/14/2014	2	7.9
		5	7.1
		10*	14.9
UST-1	1/15/2014	2	0.2
		5*	0.6
		10	0.1
UST-2	1/15/2014	2*	3.3
		5	0.0
		10	2.1

TABLE 2
Volatile Organic Compounds Results Summary
Rayloc VRP Investigation
Atlanta, Fulton County, Georgia
HSI# 10547

Sample I.D.	PD-1 @ 10'	PD-2 @ 10'	PD-3 @ 2'	PD-3 @ 10'	OT-1 @ 10'	OT-2 @ 2'	OT-2 @ 10'	OT-3 @ 2'	OT-3 @ 10'	OT-4 @ 10'	OT-5 @ 10'	OT-6 @ 5'	OT-6 @ 10'	OT-7 @ 2'	MS-1 @ 5'	MS-2 @ 5'	MS-3 @ 10'	CO-1 @ 10'	CO-2 @ 5'	CD-1 @ 5'	CD-1 @ 10'	CD-2 @ 5'	AST-1 @ 10'	AST-2 @10'	AST-3 @ 10'	HSRA RRS
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Samples Collected by Sage 1/14/2014																										
Acetone	**2.02**	**4.72**	**1.93**	0.492	0.012	0.495	0.012	0.397	0.01	0.013	0.586	0.71	0.014	0.016	0.011	0.022	0.01	0.009	0.008	0.336	0.01	0.011	0.012	1.62	0.009	400
Acrolein	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Acrylonitrile	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Benzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Bromobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Bromodichloromethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Bromoform	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
n-Butylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.165	0.002	0.002	0.002	0.342	0.001	NA[2]
sec-Butylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
tert-Butylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Carbon tetrachloride	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Chlorobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Chlorodibromomethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Chloroethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
2-Chloroethyl vinyl ether	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Chloroform	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Chloromethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
2-Chlorotoluene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
4-Chlorotoluene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,2-Dibromo-3-Chloropropane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,2-Dibromoethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Dibromomethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,2-Dichlorobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,3-Dichlorobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,4-Dichlorobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Dichlorodifluoromethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,1-Dichloroethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	400
1,2-Dichloroethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,1-Dichloroethene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
cis-1,2-Dichloroethene	**1.73**	**6.79**	**40.2**	0.415	0.002	0.099	0.002	0.139	0.026	0.036	0.159	**1.35**	0.015	0.001	0.002	0.001	0.002	0.008	0.001	0.067	0.002	0.002	0.002	0.342	0.001	7
trans-1,2-Dichloroethene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	10
1,2-Dichloropropane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,1-Dichloropropene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,3-Dichloropropane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
cis-1,3-Dichloropropene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
trans-1,3-Dichloropropene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
2,2-Dichloropropane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Di-isopropyl ether	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Ethylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.206	0.002	0.002	0.002	0.342	0.001	70
Hexachlorobutadiene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Isopropylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
p-Isopropyltoluene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
2-Butanone (MEK)	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	200
Methylene Chloride	**0.807**	**1.89**	**0.774**	0.197	0.005	0.198	0.004	0.159	0.004	0.005	0.243	0.23	0.004	0.003	0.004	0.003	0.004	0.003	0.003	0.134	0.004	0.004	0.004	**0.648**	0.003	0.5
4-Methyl-2-pentanone (MIBK)	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Methyl tert-butyl ether (MTBE)	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Naphthalene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.002	0.001	0.878	0.002	0.002	0.002	0.342	0.001	NA[2]
n-Propylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.24	0.002	0.002	0.002	0.342	0.001	NA[2]
Styrene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	10
1,1,1,2-Tetrachloroethene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,1,2,2-Tetrachloroethene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Tetrachloroethene	**115**	**103**	**48.7**	**1.02**	0.002	0.185	0.002	**9.9**	0.076	0.058	**0.645**	0.115	0.002	0.001	0.002	0.007	0.002	0.001	0.001	0.067	0.001	0.021	0.002	**0.694**	0.177	0.5
Toluene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	100
1,2,3-Trichlorobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,2,4-Trichlorobenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,1,1-Trichloroethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,1,2-Trichloroethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
Trichloroethene	**1.69**	**21.5**	**3.74**	0.179	0.002	0.099	0.002	0.186	0.01	0.007	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	0.5
Trichlorofluoromethane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,2,3-Trichloropropane	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	0.342	0.001	NA[2]
1,2,4-Trimethylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	2.63	0.002	0.002	0.002	0.342	0.001	NA[2]
1,3,5-Trimethylbenzene	0.404	0.943	0.387	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.923	0.002	0.002	0.002	0.342	0.001	NA[2]
Vinyl chloride	**0.404**	**0.943**	**0.387**	0.098	0.002	0.099	0.002	0.079	0.002	0.002	0.117	0.115	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.067	0.002	0.002	0.002	**0.342**	0.001	0.2
Xylenes, total	0.807	1.89	0.835	0.197	0.005	0.198	0.004	0.159	0.004	0.005	0.243	0.23	0.004	0.001	0.004	0.003	0.004	0.003	0.003	0.948	0.004	0.004	0.004	0.648	0.003	1,000

NOTES:
Analyses performed by GCAL
[1] Chapter 391-3-19 GEPD Rules for Hazardous Site Response (Appendix I)
[2] Not Applicable. No standard exists for this compound
ND - Not Detected
--- Data Not Available

25 Indicates detection of compound greater than laboratory detection limits

TABLE 3
Gasoline & Diesel Range Organics Results Summary
Rayloc VRP Investigation
Atlanta, Fulton County, Georgia
HSI# 10547

Total Petroleum Hydrocarbons - Gasoline Range Organics (GRO)		
Sample I.D.	**UST-1 @ 5'**	**UST-2 @ 2'**
Sample Matrix	**Soil**	**Soil**
Units	**mg/kg**	**mg/kg**
Samples Collected by Sage 1/15/2014		
GRO	<2.5	<2.0

NOTES:
Analyses performed by GCAL
[1] Chapter 391-3-19 GEPD Rules for Hazardous Site Response (Appendix I)
[2] Not Applicable. No standard exists for this compound
ND - Not Detected
--- Data Not Available

25 Indicates detection of compound greater than laboratory detection limits

Total Petroleum Hydrocarbons - Diesel Range Organics (DRO)					
Sample I.D.	**CO-1 @ 10'**	**CO-2 @ 5'**	**CD-1 @ 5'**	**CD-1 @ 10'**	**CD-2 @ 5'**
Sample Matrix	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Samples Collected by Sage 1/14 & 15/2014					
DRO	**4.95**	**12.6**	**494**	<4	<4

NOTES:
Analyses performed by GCAL
[1] Chapter 391-3-19 GEPD Rules for Hazardous Site Response (Appendix I)
[2] Not Applicable. No standard exists for this compound
ND - Not Detected
--- Data Not Available

25 Indicates detection of compound greater than laboratory detection limits

TABLE 4
Oil & Grease Results Summary
Rayloc VRP Investigation
Atlanta, Fulton County, Georgia
HSI# 10547

	Oil & Grease																					
Sample I.D.	PD-1 @ 10'	PD-2 @ 10'	PD-3 @ 2'	PD-3 @ 10'	OT-1 @ 10'	OT-2 @ 2'	OT-2 @ 10'	OT-3 @ 2'	OT-3 @ 10'	OT-4 @ 10'	OT-5 @ 10'	OT-6 @ 5'	OT-6 @ 10'	OT-7 @ 2'	CD-1 @ 5'	CD-1 @ 10'	CD-2 @ 5'	MS-1 @ 5'	MS-2 @ 5'	MS-3 @ 10'	CO-1 @ 10'	CO-2 @ 5'
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Samples Collected by Sage 1/15/2014																						
O & G	<490	<500	<495	<485	**1300**	<495	<500	<485	<495	<495	<490	<490	<490	<485	<500	<490	<500	<495	<495	<485	<485	<495

NOTES:
Analyses performed by GCAL
ND - Not Detected
--- Data Not Available

25 Indicates detection of compound greater than laboratory detection limits

TABLE 5
PID Survey with samples chosen for Red Oil analysis & laboratory analysis
Rayloc Source Area Investigation
Atlanta, Fulton County, Georgia
HSI# 10547

Sample ID	Date	Depth (FT)	Result	Visual Assessment	Blue Indigo Results	PCE Concentration
SA-1	1/16/2014	5	3.8 ppm			
		10	3.4 ppm			
		15	7.9 ppm			
		20*	23.4 ppm			
		25	1.2 ppm			
		30*	3.3 ppm			
SA-2	1/16/2014	5	0.2 ppm			
		10	8.3 ppm			
		15	10.7 ppm			
		20*	94.9 ppm	No	No	3.21
		25	13.7 ppm			
		30*	22.8 ppm			
SA-3	1/16/2014	5	8.6 ppm			
		10	31.2 ppm			
		15*	60.0 ppm			
		20	32.0 ppm			
		25	33.9 ppm			
		30*	21.7 ppm			
SA-4	1/16/2014	5	156.7 ppm	No	No	
		10	6,120 ppm	No	No	
		15*	15,000 ppm	No	No	1,520
		20	42.4 ppm			
		25	30.1 ppm			
		30*	21.9 ppm			
SA-5	1/16/2014	5	10.0 ppm			
		10*	61.1 ppm			
		15	15.0 ppm			
		20	19.1 ppm			
		25	16.3 ppm			
		30*	24.5 ppm			
SA-6	1/16/2014	5	154.8 ppm			
		10*	15,000 ppm	No	No	9,150
		15	371.5 ppm			
		20	74.3 ppm			
		25	11.5 ppm			
		30*	13.2 ppm			
SA-7	1/16/2014	5	157.1 ppm			
		10	1,624 ppm			
		15*	15,000 ppm			
		20	4,327 ppm			
		25*	10,304 ppm	No	No	794
		30	134.7 ppm			
SA-8	1/16/2014	5	172.4 ppm			
		10	15,000 ppm		No	
		15*	15,000 ppm			
		20	15,000 ppm			
		25	10,900 ppm			
		30*	15,000 ppm			
SA-9	1/17/2014	5	146.7 ppm			
		10	136.8 ppm			
		15*	5,099 ppm	No	No	686
		20	239.2 ppm			
		25	3.2 ppm			
		30*	5.6 ppm			
SA-10	1/17/2014	5	0.5 ppm			
		10	13.2 ppm			
		15	6.4 ppm			
		20*	27.9 ppm			
		25	5.2 ppm			
		30*	7.2 ppm			
SA-11	1/17/2014	5	7.6 ppm			
		10	10.4 ppm			
		15	28.1 ppm			
		20*	7,023 ppm	No	No	622
		25	162.9 ppm			
		30*	3,223 ppm			
SA-12	1/17/2014	5	248.2 ppm			
		10	1,166 ppm			
		15*	15,000 ppm	No	X	8,300
		20	15,000 ppm			
		25	15,000 ppm			
		30*	14,320 ppm			
SA-13	1/17/2014	5	60.0 ppm			
		10	187.4 ppm			
		15*	15,000 ppm	No	No	15,200
		20	15,000 ppm			
		25	15,000 ppm			
		30*	15,000 ppm			
SA-14	1/17/2014	5	31.9 ppm			
		10	372.5 ppm			
		15*	15,000 ppm	No	No	5,450
		20*	1,940 ppm			
		25	No Sample			
		30	No Sample			
SA-15	1/17/2014	5	34.9 ppm			
		10*	3,308 ppm			
		15	348.7 ppm			
		20	1,728 ppm			
		25	16.3 ppm			
		30*	6.2 ppm			

Sample ID	Date	Depth (FT)	Result	Visual Assessment	Blue Indigo Results	PCE Concentration
SA-16	1/20/2014	5	47.8 ppm			
		8*	101.1 ppm			
SA-17	1/20/2014	5	129.3 ppm			
		10	6,302 ppm	No	No	
		15	5,284 ppm			
		20*	12,074 ppm			
		25	9,550 ppm			
		30*	12,648 ppm			
SA-18	1/20/2014	5	117.1 ppm			
		10	370 ppm			
		15*	15,000 ppm	No	No	911
		20	15,000 ppm			
		25	15,000 ppm			
		30*	5,557 ppm			
SA-19	1/20/2014	5	57.1 ppm			
		10*	15,000 ppm			
		15	15,000 ppm	No	No	
		20	15,000 ppm			
		25	15,000 ppm	No	No	
		30*	15,000 ppm			
SA-20	1/20/2014	5	280.3 ppm			
		10	156.0 ppm			
		15	14,998 ppm	No	No	
		20	9,997 ppm			
		25*	15,000 ppm	No	No	400
		30*	15,000 ppm			
SA-21	1/21/2014	5	209.0 ppm			
		10	184.9 ppm			
		15*	15,000 ppm	No	No	5,570
		20	15,000 ppm			
		25	15,000 ppm			
		30*	15,000 ppm			
SA-22	1/21/2014	5	9,150 ppm			
		10*	15,000 ppm			
		15	15,000 ppm			
		20	15,000 ppm			
		25	15,000 ppm			
		30*	15,000 ppm			
SA-23	1/20/2014	5	821.6 ppm			
		10	6,490 ppm			
		13*	6,233 ppm			
SA-24	1/16/2014	5	598.2 ppm			
		10	1,648 ppm			
		12*	1,672 ppm			
SA-25	1/16/2014	4*	95.0 ppm			
SA-26	1/21/2014	5	16.2 ppm			
		10	11.0 ppm			
		15*	12.4 ppm			
		20	7.4 ppm			
		25	4.1 ppm			
		30*	10.2 ppm			
SA-27	1/21/2014	5	3,601 ppm			
		10	1,160 ppm			
		15	3,970 ppm			
		20*	7,878 ppm			
		25	702 ppm			
		30*	977 ppm			
SA-28	1/21/2014	5	15,000 ppm			
		10	15,000 ppm	No	No	
		15*	11,450 ppm			
		20	3,880 ppm			
		25	4,535 ppm			
		30*	1,782 ppm			
SA-29	1/21/2014	5	192.4 ppm			
		10	15,000 ppm			
		15	390.7 ppm			
		20*	13,710 ppm	No	No	884
		25	87.4 ppm			
		30*	63.7 ppm			
SA-30	1/21/2014	5	141.2 ppm			
		10	15,000 ppm			
		15*	15,000 ppm			
		20	15,000 ppm			
		25	366.7 ppm			
		30*	1,100 ppm			

* - denotes sample chosen for laboratory analysis.

Table 6

Source Zone Sampling Results

Jan-14

Rayloc Facility (HSI #10547), 600 Rayloc Drive, Atlanta, GA

Volatile Organic Compounds mg/KG																														
Sample Location	**SA-1**	**SA-2**	**SA-3**	**SA-4**	**SA-5**	**SA-6**	**SA-7**	**SA-8**	**SA-9**	**SA-10**	**SA-11**	**SA-12**	**SA-13**	**SA-14**	**SA-15**	**SA-16**	**SA-17**	**SA-18**	**SA-19**	**SA-20**	**SA-21**	**SA-22**	**SA-23**	**SA-24**	**SA-25**	**SA- 26**	**SA-27**	**SA-28**	**SA-29**	**SA-30**
Sample Date	**1/16/2014**	**1/16/2014**	**1/16/2014**	**1/16/2014**	**1/16/2014**	**1/16/2014**	**1/16/2014**	**1/16/2014**	**1/17/2014**	**1/17/2014**	**1/17/2014**	**1/17/2014**	**1/17/2014**	**1/17/2014**	**1/17/2014**	**1/20/2014**	**1/20/2014**	**1/20/2014**	**1/20/2014**	**1/20/2014**	**1/21/2014**	**1/21/2014**	**1/20/2014**	**1/20/2014**	**1/20/2014**	**1/21/2014**	**1/21/2014**	**1/21/2014**	**1/21/2014**	**1/21/2014**
Sample Depth	**20'**	**20'**	**15'**	**15'**	**10'**	**10'**	**25'**	**15'**	**15'**	**20'**	**20'**	**15'**	**15'**	**15'**	**10'**	**8'**	**20'**	**15'**	**10'**	**25'**	**15'**	**10'**	**13'**	**12'**	**4'**	**15'**	**20'**	**10'**	**20'**	**15'**
1,2,4-Trimethylbenzene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**24.3**	**3.63**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
1,2-Dichlorobenzene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	**5.590**	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	**150**	**2.67**	< 1.16	**20.4**	**42.8**	**31.4**	< 5.43	< 91.6	< 49.2	**621**	**149**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
1,2-Dichloroethane	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	< 0.492	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
1,2-Dichloroethene	**0.428**	< 0.248	**1.170**	< 44.3	**0.970**	< 243	< 10.2	< 70.5	< 17.1	**0.481**	< 19.5	< 342	< 330	< 209	**9.21**	**7.34**	< 22.1	**90.4**	**29.9**	< 10.9	< 183	< 98.4	**184**	**140**	**21**	< 0.047	< 6.25	< 146	< 28.0	< 46.3
1,3,5-Trimethylbenzene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	**1.12**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
1,4-Dichlorobenzene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**49**	**12.1**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
2-Butanone	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	< 0.492	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Acetone	< 0.399	< .619	< 1.68	< 111	< 0.609	< 607	< 25.4	< 176	< 42.8	< 1.03	< 48.8	< 855	< 825	< 522	< 9.08	< 5.78	< 55.3	< 46.2	< 21.8	< 27.1	< 458	< 246	< 37.6	< 2.46	< 1.31	< 0.013	< 15.6	< 366	< 70.0	< 116
Benzene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	< 0.492	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Bromomethane	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	< 0.492	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Carbon Disulfide	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	< 0.492	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Cis-1,2-dichloroethene	**0.428**	**0.246**	**1.170**	< 22.1	**0.970**	< 121	< 5.08	< 35.3	< 8.56	**0.481**	< 9.77	< 171	< 165	**180**	**9**	**7.34**	**14.8**	**90.4**	**29.9**	< 5.43	< 91.6	< 49.2	**184**	**140**	**21**	**0.047**	< 3.13	< 73.2	< 14.0	< 23.1
Ethylbenzene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**47.6**	**7.18**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
m,p-Xylene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**28.5**	**7.64**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
o-Xylene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**12.7**	**3.48**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Naphthalene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	< 7.51	**1.37**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Styrene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**21.7**	**7.89**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Tetrachloroethene	< 0.079	**3.21**	**40.7**	**1,520**	**8.37**	**9,150**	**794**	**7,140**	**686**	**4.22**	**622**	**8,300**	**15,200**	**5,450**	**199**	**116**	**685**	**911**	**506**	**400**	**5,570**	**4,860**	**36.1**	**0.895**	**14.8**	< 0.002	**296**	**16,800**	**884**	**7,950**
Toluene	< 0.079	< 0.124	< 0.336	< 22.1	< 0.122	< 121	< 5.08	< 35.3	< 8.56	< 0.206	< 9.77	< 171	< 165	< 104	< 1.82	< 1.16	< 11.1	< 9.25	< 4.35	< 5.43	< 91.6	< 49.2	**8.36**	**3.28**	< 0.262	< 0.002	< 3.13	< 73.2	< 14.0	< 23.1
Trichloroethene	< 0.079	< 0.124	< 0.336	< 22.1	**0.344**	< 121	**15.1**	**209**	< 8.56	< 0.206	< 9.77	**184**	**1,690**	**3,310**	**17.1**	**19**	**37.4**	**69.6**	**90.9**	< 5.43	< 91.6	**256**	**12.2**	< 0.492	**2.77**	**0.005**	**3.21**	**837**	< 14.0	**63.7**
Xylenes, Total	< 0.160	< 0.248	< 1.17	< 44.3	< 0.122	< 243	< 10.2	< 70.5	< 17.1	< 0.412	< 19.5	< 342	< 330	< 209	< 3.63	< 2.31	< 22.1	< 18.5	< 8.7	< 10.9	< 183	< 98.4	**41.2**	**11.1**	< 0.524	< 0.005	< 6.25	< 146	< 28.0	< 46.3

Notes:

Only those organics that were detected above the detection limit are listed.

The analytical results that exceed the laboratory detection limits are bolded.

BRL= Below Reporting Limits

mg/Kg = milligram per Kilogram

NS = Not Sampled

TABLE 7
Professional Oversight Documentation
Rayloc VRP Investigation
Atlanta, Fulton County, Georgia
HSI# 10547

Week	Hours	Activity Description
11/30	2	Preparing 1st Annual PPCAP Progress Report
12/7	7	Preparing 1st Annual PPCAP Progress Report
12/14	7	Preparing 1st Annual PPCAP Progress Report
12/21	3	Site prep for VRP & Source Area Investigation / Progress Report
12/28	9	Site prep for VRP & Source Area Investigation / Progress Report
1/4	4	Site prep for VRP & Source Area Investigation / Progress Report
1/11	12	Site prep for VRP & Source Area Investigation
1/18	5	VRP Investigation
1/25	5	VRP Investigation
2/1	6	Source Area Investigation
2/8	3	Source Area Investigation
2/15	4	Source Area Investigation
2/22	2	Worked on Semi-Annual Progress Report
3/8	4	Worked on Semi-Annual Progress Report
3/22	2	Worked on Semi-Annual Progress Report
4/5	12	Worked on Semi-Annual Progress Report

APPENDIX A
VRP LABORATORY DATA REPORTS

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 Innovation Park Dr.

Baton Rouge, LA 70820

Report Date 01/24/2014

GCAL Report 214011708

Deliver To	Sage Environmental Services 600 Chastain Rd. Kennesaw, GA 30144 678-431-0130
Attn	Jack Wintle

Project Rayloc URP

CASE NARRATIVE

Client: Sage Environmental **Report:** 214011708

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis of sample 21401170816 (AST-3 AT 10), Tetrachloroethane was detected at an estimated concentration above the range of calibration. Re-analysis at a dilution was not possible to due limited sample volume. Data was reported as requested by the client.

In the EPA 8260B analysis, sample 21401170809 (MS-1 AT 5) had to be diluted due to the presence of non-target background. This dilution is reflected in the elevated reporting limits.

In the EPA 8260B analysis, samples 21401170801 (PD-1 AT 10), 21401170802 (PD-2 AT 10), 21401170803 (PD-3 AT 2), 21401170804 (PD-3 AT 10), 21401170805 (OT-5 AT 10), 21401170806 (OT-6 AT 5), 21401170815 (AST-2 AT 10), 21401170818 (OT-2 AT 2), 21401170822 (CD-1 AT 5) and 21401170820 (OT-3 AT 2) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilution is reflected in elevated detection limits.

VOLATILES GAS CHROMATOGRAPHY

In the EPA 8015C GRO analysis, sample 21401170826 (UST-1 AT 5) and 21401170827 (UST-2 AT 2) was analyzed at a 50 (methanol extract) dilution. The reporting limit is below the required limit at this dilution. Samples had to be diluted to bracket the concentration of target analyte(s) within the calibration range of the instrument.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the EPA 8015C DRO analysis, sample 21401170822 (CD-1 AT 5) had to be diluted to bracket target compounds within the calibration range of the instrument. This is reflected in elevated detection limits.

In the EPA 8015C DRO analysis, the recovery for the surrogate(s) is reported as diluted out for those analyses performed at a 10 or higher dilution.

MISCELLANEOUS

Sample 21401170828 (TRIP BLANK) was received but was not listed on the chain of custody. The client was contacted and authorized proceeding with analysis. This sample has been added to the COC by the Project Manager after receipt

For Sample 21401170828 (TRIP BLANK), a date, time of collection or sample ID discrepancy between a container label and the chain of custody was noted at receipt.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Curtis Ekker MGR Data Deliv

Authorized Signature
GCAL REPORT 214011708

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170801	PD-1 AT 10	Solid	01/15/2014 10:50	01/17/2014 10:00
21401170802	PD-2 AT 10	Solid	01/15/2014 10:20	01/17/2014 10:00
21401170803	PD-3 AT 2	Solid	01/15/2014 10:00	01/17/2014 10:00
21401170804	PD-3 AT 10	Solid	01/15/2014 10:00	01/17/2014 10:00
21401170805	OT-5 AT 10	Solid	01/15/2014 14:00	01/17/2014 10:00
21401170806	OT-6 AT 5	Solid	01/15/2014 13:10	01/17/2014 10:00
21401170807	OT-6 AT 10	Solid	01/15/2014 13:10	01/17/2014 10:00
21401170808	OT-7 AT 2	Solid	01/15/2014 12:40	01/17/2014 10:00
21401170809	MS-1 AT 5	Solid	01/15/2014 08:50	01/17/2014 10:00
21401170810	MS-2 AT 5	Solid	01/15/2014 09:00	01/17/2014 10:00
21401170811	MS-3 AT 10	Solid	01/15/2014 09:15	01/17/2014 10:00
21401170812	CO-1 AT 10	Solid	01/15/2014 11:15	01/17/2014 10:00
21401170813	CO-2 AT 5	Solid	01/15/2014 11:00	01/17/2014 10:00
21401170814	AST-1 AT 10	Solid	01/14/2014 10:50	01/17/2014 10:00
21401170815	AST-2 AT 10	Solid	01/14/2014 11:00	01/17/2014 10:00
21401170816	AST-3 AT 10	Solid	01/14/2014 11:15	01/17/2014 10:00
21401170817	OT-1 AT 10	Solid	01/14/2014 11:33	01/17/2014 10:00
21401170818	OT-2 AT 2	Solid	01/14/2014 12:10	01/17/2014 10:00
21401170819	OT-3 AT 10	Solid	01/14/2014 14:00	01/17/2014 10:00
21401170820	OT-3 AT 2	Solid	01/14/2014 14:00	01/17/2014 10:00
21401170821	OT-4 AT 10	Solid	01/14/2014 15:00	01/17/2014 10:00
21401170822	CD-1 AT 5	Solid	01/14/2014 14:40	01/17/2014 10:00
21401170823	CD-1 AT 10	Solid	01/14/2014 14:40	01/17/2014 10:00
21401170824	CD-2 AT 5	Solid	01/14/2014 14:20	01/17/2014 10:00
21401170825	OT-0-2 AT 10	Solid	01/14/2014 12:10	01/17/2014 10:00
21401170826	UST-1 AT 5	Solid	01/15/2014 15:00	01/17/2014 10:00
21401170827	UST-2 AT 2	Solid	01/15/2014 15:05	01/17/2014 10:00
21401170828	TRIP BLANK	Water	01/14/2014 00:00	01/17/2014 10:00

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170801	**PD-1 AT 10**	Solid	01/15/2014 10:50	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	115000	4040		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	1730	807		ug/Kg
79-01-6	Trichloroethene	1690	404		ug/Kg
156-59-2	cis-1,2-Dichloroethene	1730	404		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170802	**PD-2 AT 10**	Solid	01/15/2014 10:20	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	103000	3770		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	7040	1890		ug/Kg
79-01-6	Trichloroethene	21500	943		ug/Kg
156-59-2	cis-1,2-Dichloroethene	6790	943		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170803	**PD-3 AT 2**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	3740	387		ug/Kg
1330-20-7	Xylene (total)	835	774		ug/Kg
136777-61-2	m,p-Xylene	574	387		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	40200	7740		ug/Kg
127-18-4	Tetrachloroethene	48700	3870		ug/Kg
156-59-2	cis-1,2-Dichloroethene	40200	3870		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170804	**PD-3 AT 10**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	415	197		ug/Kg
127-18-4	Tetrachloroethene	1020	98.3		ug/Kg
79-01-6	Trichloroethene	179	98.3		ug/Kg
156-59-2	cis-1,2-Dichloroethene	415	98.3		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170805	**OT-5 AT 10**	Solid	01/15/2014 14:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	645	117		ug/Kg
156-59-2	cis-1,2-Dichloroethene	159	117		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170806	**OT-6 AT 5**	Solid	01/15/2014 13:10	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	1350	230		ug/Kg
67-64-1	Acetone	710	576		ug/Kg
156-59-2	cis-1,2-Dichloroethene	1350	115		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170807	**OT-6 AT 10**	Solid	01/15/2014 13:10	01/17/2014 10:00

EPA 9071B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	485	485		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	15.5	4.15		ug/Kg
67-64-1	Acetone	14.5	10.4		ug/Kg
156-59-2	cis-1,2-Dichloroethene	15.5	2.07		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170808	OT-7 AT 2	Solid	01/15/2014 12:40	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-64-1	Acetone	16.9	9.40		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170809	MS-1 AT 5	Solid	01/15/2014 08:50	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-64-1	Acetone	11.5	10.0		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170810	MS-2 AT 5	Solid	01/15/2014 09:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
78-93-3	2-Butanone	2.14	1.76		ug/Kg
67-64-1	Acetone	22.0	8.78		ug/Kg
127-18-4	Tetrachloroethene	7.67	1.76		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170812	CO-1 AT 10	Solid	01/15/2014 11:15	01/17/2014 10:00

EPA 8015C

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	Diesel Range Organics	4950	4000		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	8.41	3.74		ug/Kg
91-20-3	Naphthalene	2.24	1.87		ug/Kg
156-59-2	cis-1,2-Dichloroethene	8.41	1.87		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170813	CO-2 AT 5	Solid	01/15/2014 11:00	01/17/2014 10:00

EPA 8015C

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	Diesel Range Organics	12600	4000		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170815	AST-2 AT 10	Solid	01/14/2014 11:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	694	324		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170816	AST-3 AT 10	Solid	01/14/2014 11:15	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	177	1.95		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170817	OT-1 AT 10	Solid	01/14/2014 11:33	01/17/2014 10:00

EPA 9071B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	1300	485		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170818	OT-2 AT 2	Solid	01/14/2014 12:10	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	185	99.0		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170819	OT-3 AT 10	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	26.0	4.08		ug/Kg
78-93-3	2-Butanone	2.90	2.04		ug/Kg
127-18-4	Tetrachloroethene	76.8	2.04		ug/Kg
79-01-6	Trichloroethene	10.8	2.04		ug/Kg
156-59-2	cis-1,2-Dichloroethene	26.0	2.04		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170820	OT-3 AT 2	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	186	79.5		ug/Kg
156-59-2	cis-1,2-Dichloroethene	139	79.5		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	9900	397		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170821	OT-4 AT 10	Solid	01/14/2014 15:00	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	36.1	5.41		ug/Kg
127-18-4	Tetrachloroethene	58.2	2.70		ug/Kg
79-01-6	Trichloroethene	7.00	2.70		ug/Kg
156-59-2	cis-1,2-Dichloroethene	36.1	2.70		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170822	CD-1 AT 5	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-67-8	1,3,5-Trimethylbenzene	923	67.2		ug/Kg
100-41-4	Ethylbenzene	206	67.2		ug/Kg
91-20-3	Naphthalene	878	67.2		ug/Kg
1330-20-7	Xylene (total)	948	134		ug/Kg
136777-61-2	m,p-Xylene	547	67.2		ug/Kg
104-51-8	n-Butylbenzene	165	67.2		ug/Kg
103-65-1	n-Propylbenzene	240	67.2		ug/Kg
95-47-6	o-Xylene	402	67.2		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-63-6	1,2,4-Trimethylbenzene	2630	336		ug/Kg

EPA 8015C

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	Diesel Range Organics	494000	40000		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170823	**CD-1 AT 10**	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**10.3**	**2.13**		**ug/Kg**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170824	**CD-2 AT 5**	Solid	01/14/2014 14:20	01/17/2014 10:00

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**21.6**	**2.23**		**ug/Kg**
156-59-2	**cis-1,2-Dichloroethene**	**2.99**	**2.23**		**ug/Kg**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170801	**PD-1 AT 10**	Solid	01/15/2014 10:50	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/22/2014 09:49	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**115000**	**4040**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	40400	39900	ug/Kg	99	62 - 127
1868-53-7	Dibromofluoromethane	40400	39000	ug/Kg	97	65 - 130
2037-26-5	Toluene d8	40400	40800	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	40400	38900	ug/Kg	96	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/22/2014 10:08	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	404		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	404		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	404		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	404		ug/Kg
75-34-3	1,1-Dichloroethane	ND	404		ug/Kg
75-35-4	1,1-Dichloroethene	ND	404		ug/Kg
563-58-6	1,1-Dichloropropene	ND	404		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	404		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	404		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	404		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	404		ug/Kg
106-93-4	1,2-Dibromoethane	ND	404		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	404		ug/Kg
107-06-2	1,2-Dichloroethane	ND	404		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**1730**	**807**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	404		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	404		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	404		ug/Kg
142-28-9	1,3-Dichloropropane	ND	404		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	404		ug/Kg
594-20-7	2,2-Dichloropropane	ND	404		ug/Kg
78-93-3	2-Butanone	ND	404		ug/Kg
95-49-8	2-Chlorotoluene	ND	404		ug/Kg
591-78-6	2-Hexanone	ND	404		ug/Kg
106-43-4	4-Chlorotoluene	ND	404		ug/Kg
99-87-6	4-Isopropyltoluene	ND	404		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	404		ug/Kg
67-64-1	Acetone	ND	2020		ug/Kg
71-43-2	Benzene	ND	404		ug/Kg
108-86-1	Bromobenzene	ND	404		ug/Kg
74-97-5	Bromochloromethane	ND	404		ug/Kg
75-27-4	Bromodichloromethane	ND	404		ug/Kg
75-25-2	Bromoform	ND	404		ug/Kg
74-83-9	Bromomethane	ND	404		ug/Kg
75-15-0	Carbon disulfide	ND	404		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170801	**PD-1 AT 10**	Solid	01/15/2014 10:50	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/22/2014 10:08	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	404		ug/Kg
108-90-7	Chlorobenzene	ND	404		ug/Kg
75-00-3	Chloroethane	ND	404		ug/Kg
67-66-3	Chloroform	ND	404		ug/Kg
74-87-3	Chloromethane	ND	404		ug/Kg
124-48-1	Dibromochloromethane	ND	404		ug/Kg
74-95-3	Dibromomethane	ND	404		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	404		ug/Kg
100-41-4	Ethylbenzene	ND	404		ug/Kg
87-68-3	Hexachlorobutadiene	ND	404		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	404		ug/Kg
74-88-4	Methyl iodide	ND	404		ug/Kg
75-09-2	Methylene chloride	ND	807		ug/Kg
91-20-3	Naphthalene	ND	404		ug/Kg
100-42-5	Styrene	ND	404		ug/Kg
108-88-3	Toluene	ND	404		ug/Kg
79-01-6	**Trichloroethene**	**1690**	**404**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	404		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	404		ug/Kg
75-01-4	Vinyl chloride	ND	404		ug/Kg
1330-20-7	Xylene (total)	ND	807		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**1730**	**404**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	404		ug/Kg
136777-61-2	m,p-Xylene	ND	404		ug/Kg
104-51-8	n-Butylbenzene	ND	404		ug/Kg
103-65-1	n-Propylbenzene	ND	404		ug/Kg
95-47-6	o-Xylene	ND	404		ug/Kg
135-98-8	sec-Butylbenzene	ND	404		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	404		ug/Kg
98-06-6	tert-Butylbenzene	ND	404		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	404		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	404		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	404		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	4040	4060	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	4040	3900	ug/Kg	97	65 - 130
2037-26-5	Toluene d8	4040	4020	ug/Kg	100	71 - 132
17060-07-0	1,2-Dichloroethane-d4	4040	3820	ug/Kg	95	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170801	**PD-1 AT 10**	Solid	01/15/2014 10:50	01/17/2014 10:00

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	490		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170802	**PD-2 AT 10**	Solid	01/15/2014 10:20	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/22/2014 11:27	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**103000**	**3770**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	37700	38800	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	37700	36500	ug/Kg	97	65 - 130
2037-26-5	Toluene d8	37700	38700	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	37700	37100	ug/Kg	98	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/22/2014 11:47	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	943		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	943		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	943		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	943		ug/Kg
75-34-3	1,1-Dichloroethane	ND	943		ug/Kg
75-35-4	1,1-Dichloroethene	ND	943		ug/Kg
563-58-6	1,1-Dichloropropene	ND	943		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	943		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	943		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	943		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	943		ug/Kg
106-93-4	1,2-Dibromoethane	ND	943		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	943		ug/Kg
107-06-2	1,2-Dichloroethane	ND	943		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**7040**	**1890**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	943		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	943		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	943		ug/Kg
142-28-9	1,3-Dichloropropane	ND	943		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	943		ug/Kg
594-20-7	2,2-Dichloropropane	ND	943		ug/Kg
78-93-3	2-Butanone	ND	943		ug/Kg
95-49-8	2-Chlorotoluene	ND	943		ug/Kg
591-78-6	2-Hexanone	ND	943		ug/Kg
106-43-4	4-Chlorotoluene	ND	943		ug/Kg
99-87-6	4-Isopropyltoluene	ND	943		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	943		ug/Kg
67-64-1	Acetone	ND	4720		ug/Kg
71-43-2	Benzene	ND	943		ug/Kg
108-86-1	Bromobenzene	ND	943		ug/Kg
74-97-5	Bromochloromethane	ND	943		ug/Kg
75-27-4	Bromodichloromethane	ND	943		ug/Kg
75-25-2	Bromoform	ND	943		ug/Kg
74-83-9	Bromomethane	ND	943		ug/Kg
75-15-0	Carbon disulfide	ND	943		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170802	**PD-2 AT 10**	Solid	01/15/2014 10:20	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/22/2014 11:47	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	943		ug/Kg
108-90-7	Chlorobenzene	ND	943		ug/Kg
75-00-3	Chloroethane	ND	943		ug/Kg
67-66-3	Chloroform	ND	943		ug/Kg
74-87-3	Chloromethane	ND	943		ug/Kg
124-48-1	Dibromochloromethane	ND	943		ug/Kg
74-95-3	Dibromomethane	ND	943		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	943		ug/Kg
100-41-4	Ethylbenzene	ND	943		ug/Kg
87-68-3	Hexachlorobutadiene	ND	943		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	943		ug/Kg
74-88-4	Methyl iodide	ND	943		ug/Kg
75-09-2	Methylene chloride	ND	1890		ug/Kg
91-20-3	Naphthalene	ND	943		ug/Kg
100-42-5	Styrene	ND	943		ug/Kg
108-88-3	Toluene	ND	943		ug/Kg
79-01-6	**Trichloroethene**	**21500**	**943**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	943		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	943		ug/Kg
75-01-4	Vinyl chloride	ND	943		ug/Kg
1330-20-7	Xylene (total)	ND	1890		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**6790**	**943**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	943		ug/Kg
136777-61-2	m,p-Xylene	ND	943		ug/Kg
104-51-8	n-Butylbenzene	ND	943		ug/Kg
103-65-1	n-Propylbenzene	ND	943		ug/Kg
95-47-6	o-Xylene	ND	943		ug/Kg
135-98-8	sec-Butylbenzene	ND	943		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	943		ug/Kg
98-06-6	tert-Butylbenzene	ND	943		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	943		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	943		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	943		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	9430	9500	ug/Kg	101	62 - 127
1868-53-7	Dibromofluoromethane	9430	9230	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	9430	9630	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	9430	9270	ug/Kg	98	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170802	**PD-2 AT 10**	Solid	01/15/2014 10:20	01/17/2014 10:00

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	500		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170803	**PD-3 AT 2**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2500	01/22/2014 12:27	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	**1,2-Dichloroethene(Total)**	**40200**	**7740**		**ug/Kg**
127-18-4	**Tetrachloroethene**	**48700**	**3870**		**ug/Kg**
156-59-2	**cis-1,2-Dichloroethene**	**40200**	**3870**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	38700	38700	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	38700	38000	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	38700	40000	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	38700	38200	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/22/2014 12:47	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	387		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	387		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	387		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	387		ug/Kg
75-34-3	1,1-Dichloroethane	ND	387		ug/Kg
75-35-4	1,1-Dichloroethene	ND	387		ug/Kg
563-58-6	1,1-Dichloropropene	ND	387		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	387		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	387		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	387		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	387		ug/Kg
106-93-4	1,2-Dibromoethane	ND	387		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	387		ug/Kg
107-06-2	1,2-Dichloroethane	ND	387		ug/Kg
78-87-5	1,2-Dichloropropane	ND	387		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	387		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	387		ug/Kg
142-28-9	1,3-Dichloropropane	ND	387		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	387		ug/Kg
594-20-7	2,2-Dichloropropane	ND	387		ug/Kg
78-93-3	2-Butanone	ND	387		ug/Kg
95-49-8	2-Chlorotoluene	ND	387		ug/Kg
591-78-6	2-Hexanone	ND	387		ug/Kg
106-43-4	4-Chlorotoluene	ND	387		ug/Kg
99-87-6	4-Isopropyltoluene	ND	387		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	387		ug/Kg
67-64-1	Acetone	ND	1930		ug/Kg
71-43-2	Benzene	ND	387		ug/Kg
108-86-1	Bromobenzene	ND	387		ug/Kg
74-97-5	Bromochloromethane	ND	387		ug/Kg
75-27-4	Bromodichloromethane	ND	387		ug/Kg
75-25-2	Bromoform	ND	387		ug/Kg
74-83-9	Bromomethane	ND	387		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170803	**PD-3 AT 2**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/22/2014 12:47	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-15-0	Carbon disulfide	ND	387		ug/Kg
56-23-5	Carbon tetrachloride	ND	387		ug/Kg
108-90-7	Chlorobenzene	ND	387		ug/Kg
75-00-3	Chloroethane	ND	387		ug/Kg
67-66-3	Chloroform	ND	387		ug/Kg
74-87-3	Chloromethane	ND	387		ug/Kg
124-48-1	Dibromochloromethane	ND	387		ug/Kg
74-95-3	Dibromomethane	ND	387		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	387		ug/Kg
100-41-4	Ethylbenzene	ND	387		ug/Kg
87-68-3	Hexachlorobutadiene	ND	387		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	387		ug/Kg
74-88-4	Methyl iodide	ND	387		ug/Kg
75-09-2	Methylene chloride	ND	774		ug/Kg
91-20-3	Naphthalene	ND	387		ug/Kg
100-42-5	Styrene	ND	387		ug/Kg
108-88-3	Toluene	ND	387		ug/Kg
79-01-6	**Trichloroethene**	**3740**	**387**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	387		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	387		ug/Kg
75-01-4	Vinyl chloride	ND	387		ug/Kg
1330-20-7	**Xylene (total)**	**835**	**774**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	387		ug/Kg
136777-61-2	**m,p-Xylene**	**574**	**387**		**ug/Kg**
104-51-8	n-Butylbenzene	ND	387		ug/Kg
103-65-1	n-Propylbenzene	ND	387		ug/Kg
95-47-6	o-Xylene	ND	387		ug/Kg
135-98-8	sec-Butylbenzene	ND	387		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	387		ug/Kg
98-06-6	tert-Butylbenzene	ND	387		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	387		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	387		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	387		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3870	3860	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	3870	3720	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	3870	3910	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3870	3690	ug/Kg	95	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170803	**PD-3 AT 2**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	495		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170804	**PD-3 AT 10**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 13:27	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	98.3		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	98.3		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	98.3		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	98.3		ug/Kg
75-34-3	1,1-Dichloroethane	ND	98.3		ug/Kg
75-35-4	1,1-Dichloroethene	ND	98.3		ug/Kg
563-58-6	1,1-Dichloropropene	ND	98.3		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	98.3		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	98.3		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	98.3		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	98.3		ug/Kg
106-93-4	1,2-Dibromoethane	ND	98.3		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	98.3		ug/Kg
107-06-2	1,2-Dichloroethane	ND	98.3		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**415**	**197**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	98.3		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	98.3		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	98.3		ug/Kg
142-28-9	1,3-Dichloropropane	ND	98.3		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	98.3		ug/Kg
594-20-7	2,2-Dichloropropane	ND	98.3		ug/Kg
78-93-3	2-Butanone	ND	98.3		ug/Kg
95-49-8	2-Chlorotoluene	ND	98.3		ug/Kg
591-78-6	2-Hexanone	ND	98.3		ug/Kg
106-43-4	4-Chlorotoluene	ND	98.3		ug/Kg
99-87-6	4-Isopropyltoluene	ND	98.3		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	98.3		ug/Kg
67-64-1	Acetone	ND	492		ug/Kg
71-43-2	Benzene	ND	98.3		ug/Kg
108-86-1	Bromobenzene	ND	98.3		ug/Kg
74-97-5	Bromochloromethane	ND	98.3		ug/Kg
75-27-4	Bromodichloromethane	ND	98.3		ug/Kg
75-25-2	Bromoform	ND	98.3		ug/Kg
74-83-9	Bromomethane	ND	98.3		ug/Kg
75-15-0	Carbon disulfide	ND	98.3		ug/Kg
56-23-5	Carbon tetrachloride	ND	98.3		ug/Kg
108-90-7	Chlorobenzene	ND	98.3		ug/Kg
75-00-3	Chloroethane	ND	98.3		ug/Kg
67-66-3	Chloroform	ND	98.3		ug/Kg
74-87-3	Chloromethane	ND	98.3		ug/Kg
124-48-1	Dibromochloromethane	ND	98.3		ug/Kg
74-95-3	Dibromomethane	ND	98.3		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	98.3		ug/Kg
100-41-4	Ethylbenzene	ND	98.3		ug/Kg
87-68-3	Hexachlorobutadiene	ND	98.3		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	98.3		ug/Kg
74-88-4	Methyl iodide	ND	98.3		ug/Kg
75-09-2	Methylene chloride	ND	197		ug/Kg
91-20-3	Naphthalene	ND	98.3		ug/Kg
100-42-5	Styrene	ND	98.3		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170804	**PD-3 AT 10**	Solid	01/15/2014 10:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 13:27	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**1020**	**98.3**		**ug/Kg**
108-88-3	Toluene	ND	98.3		ug/Kg
79-01-6	**Trichloroethene**	**179**	**98.3**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	98.3		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	98.3		ug/Kg
75-01-4	Vinyl chloride	ND	98.3		ug/Kg
1330-20-7	Xylene (total)	ND	197		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**415**	**98.3**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	98.3		ug/Kg
136777-61-2	m,p-Xylene	ND	98.3		ug/Kg
104-51-8	n-Butylbenzene	ND	98.3		ug/Kg
103-65-1	n-Propylbenzene	ND	98.3		ug/Kg
95-47-6	o-Xylene	ND	98.3		ug/Kg
135-98-8	sec-Butylbenzene	ND	98.3		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	98.3		ug/Kg
98-06-6	tert-Butylbenzene	ND	98.3		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	98.3		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	98.3		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	98.3		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	983	982	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	983	942	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	983	1010	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	983	948	ug/Kg	96	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	485		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170805	**OT-5 AT 10**	Solid	01/15/2014 14:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 13:46	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	117		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	117		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	117		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	117		ug/Kg
75-34-3	1,1-Dichloroethane	ND	117		ug/Kg
75-35-4	1,1-Dichloroethene	ND	117		ug/Kg
563-58-6	1,1-Dichloropropene	ND	117		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	117		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	117		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	117		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	117		ug/Kg
106-93-4	1,2-Dibromoethane	ND	117		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	117		ug/Kg
107-06-2	1,2-Dichloroethane	ND	117		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	234		ug/Kg
78-87-5	1,2-Dichloropropane	ND	117		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	117		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	117		ug/Kg
142-28-9	1,3-Dichloropropane	ND	117		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	117		ug/Kg
594-20-7	2,2-Dichloropropane	ND	117		ug/Kg
78-93-3	2-Butanone	ND	117		ug/Kg
95-49-8	2-Chlorotoluene	ND	117		ug/Kg
591-78-6	2-Hexanone	ND	117		ug/Kg
106-43-4	4-Chlorotoluene	ND	117		ug/Kg
99-87-6	4-Isopropyltoluene	ND	117		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	117		ug/Kg
67-64-1	Acetone	ND	586		ug/Kg
71-43-2	Benzene	ND	117		ug/Kg
108-86-1	Bromobenzene	ND	117		ug/Kg
74-97-5	Bromochloromethane	ND	117		ug/Kg
75-27-4	Bromodichloromethane	ND	117		ug/Kg
75-25-2	Bromoform	ND	117		ug/Kg
74-83-9	Bromomethane	ND	117		ug/Kg
75-15-0	Carbon disulfide	ND	117		ug/Kg
56-23-5	Carbon tetrachloride	ND	117		ug/Kg
108-90-7	Chlorobenzene	ND	117		ug/Kg
75-00-3	Chloroethane	ND	117		ug/Kg
67-66-3	Chloroform	ND	117		ug/Kg
74-87-3	Chloromethane	ND	117		ug/Kg
124-48-1	Dibromochloromethane	ND	117		ug/Kg
74-95-3	Dibromomethane	ND	117		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	117		ug/Kg
100-41-4	Ethylbenzene	ND	117		ug/Kg
87-68-3	Hexachlorobutadiene	ND	117		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	117		ug/Kg
74-88-4	Methyl iodide	ND	117		ug/Kg
75-09-2	Methylene chloride	ND	234		ug/Kg
91-20-3	Naphthalene	ND	117		ug/Kg
100-42-5	Styrene	ND	117		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170805	**OT-5 AT 10**	Solid	01/15/2014 14:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 13:46	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**645**	**117**		**ug/Kg**
108-88-3	Toluene	ND	117		ug/Kg
79-01-6	Trichloroethene	ND	117		ug/Kg
75-69-4	Trichlorofluoromethane	ND	117		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	117		ug/Kg
75-01-4	Vinyl chloride	ND	117		ug/Kg
1330-20-7	Xylene (total)	ND	234		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**159**	**117**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	117		ug/Kg
136777-61-2	m,p-Xylene	ND	117		ug/Kg
104-51-8	n-Butylbenzene	ND	117		ug/Kg
103-65-1	n-Propylbenzene	ND	117		ug/Kg
95-47-6	o-Xylene	ND	117		ug/Kg
135-98-8	sec-Butylbenzene	ND	117		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	117		ug/Kg
98-06-6	tert-Butylbenzene	ND	117		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	117		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	117		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	117		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1170	1150	ug/Kg	98	62 - 127
1868-53-7	Dibromofluoromethane	1170	1110	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	1170	1180	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1170	1160	ug/Kg	99	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	490		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170806	**OT-6 AT 5**	Solid	01/15/2014 13:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 14:06	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	115		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	115		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	115		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	115		ug/Kg
75-34-3	1,1-Dichloroethane	ND	115		ug/Kg
75-35-4	1,1-Dichloroethene	ND	115		ug/Kg
563-58-6	1,1-Dichloropropene	ND	115		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	115		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	115		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	115		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	115		ug/Kg
106-93-4	1,2-Dibromoethane	ND	115		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	115		ug/Kg
107-06-2	1,2-Dichloroethane	ND	115		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**1350**	**230**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	115		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	115		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	115		ug/Kg
142-28-9	1,3-Dichloropropane	ND	115		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	115		ug/Kg
594-20-7	2,2-Dichloropropane	ND	115		ug/Kg
78-93-3	2-Butanone	ND	115		ug/Kg
95-49-8	2-Chlorotoluene	ND	115		ug/Kg
591-78-6	2-Hexanone	ND	115		ug/Kg
106-43-4	4-Chlorotoluene	ND	115		ug/Kg
99-87-6	4-Isopropyltoluene	ND	115		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	115		ug/Kg
67-64-1	**Acetone**	**710**	**576**		**ug/Kg**
71-43-2	Benzene	ND	115		ug/Kg
108-86-1	Bromobenzene	ND	115		ug/Kg
74-97-5	Bromochloromethane	ND	115		ug/Kg
75-27-4	Bromodichloromethane	ND	115		ug/Kg
75-25-2	Bromoform	ND	115		ug/Kg
74-83-9	Bromomethane	ND	115		ug/Kg
75-15-0	Carbon disulfide	ND	115		ug/Kg
56-23-5	Carbon tetrachloride	ND	115		ug/Kg
108-90-7	Chlorobenzene	ND	115		ug/Kg
75-00-3	Chloroethane	ND	115		ug/Kg
67-66-3	Chloroform	ND	115		ug/Kg
74-87-3	Chloromethane	ND	115		ug/Kg
124-48-1	Dibromochloromethane	ND	115		ug/Kg
74-95-3	Dibromomethane	ND	115		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	115		ug/Kg
100-41-4	Ethylbenzene	ND	115		ug/Kg
87-68-3	Hexachlorobutadiene	ND	115		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	115		ug/Kg
74-88-4	Methyl iodide	ND	115		ug/Kg
75-09-2	Methylene chloride	ND	230		ug/Kg
91-20-3	Naphthalene	ND	115		ug/Kg
100-42-5	Styrene	ND	115		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170806	**OT-6 AT 5**	Solid	01/15/2014 13:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 14:06	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	115		ug/Kg
108-88-3	Toluene	ND	115		ug/Kg
79-01-6	Trichloroethene	ND	115		ug/Kg
75-69-4	Trichlorofluoromethane	ND	115		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	115		ug/Kg
75-01-4	Vinyl chloride	ND	115		ug/Kg
1330-20-7	Xylene (total)	ND	230		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**1350**	**115**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	115		ug/Kg
136777-61-2	m,p-Xylene	ND	115		ug/Kg
104-51-8	n-Butylbenzene	ND	115		ug/Kg
103-65-1	n-Propylbenzene	ND	115		ug/Kg
95-47-6	o-Xylene	ND	115		ug/Kg
135-98-8	sec-Butylbenzene	ND	115		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	115		ug/Kg
98-06-6	tert-Butylbenzene	ND	115		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	115		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	115		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	115		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1150	1170	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	1150	1110	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	1150	1170	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1150	1120	ug/Kg	97	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	490		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170807	**OT-6 AT 10**	Solid	01/15/2014 13:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 16:34	KRH	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.07		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.07		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.07		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.07		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.07		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.07		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.07		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.07		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.07		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.07		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.07		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.07		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.07		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.07		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**15.5**	**4.15**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	2.07		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.07		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.07		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.07		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.07		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.07		ug/Kg
78-93-3	2-Butanone	ND	2.07		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.07		ug/Kg
591-78-6	2-Hexanone	ND	2.07		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.07		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.07		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.07		ug/Kg
67-64-1	**Acetone**	**14.5**	**10.4**		**ug/Kg**
71-43-2	Benzene	ND	2.07		ug/Kg
108-86-1	Bromobenzene	ND	2.07		ug/Kg
74-97-5	Bromochloromethane	ND	2.07		ug/Kg
75-27-4	Bromodichloromethane	ND	2.07		ug/Kg
75-25-2	Bromoform	ND	2.07		ug/Kg
74-83-9	Bromomethane	ND	2.07		ug/Kg
75-15-0	Carbon disulfide	ND	2.07		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.07		ug/Kg
108-90-7	Chlorobenzene	ND	2.07		ug/Kg
75-00-3	Chloroethane	ND	2.07		ug/Kg
67-66-3	Chloroform	ND	2.07		ug/Kg
74-87-3	Chloromethane	ND	2.07		ug/Kg
124-48-1	Dibromochloromethane	ND	2.07		ug/Kg
74-95-3	Dibromomethane	ND	2.07		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.07		ug/Kg
100-41-4	Ethylbenzene	ND	2.07		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.07		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.07		ug/Kg
74-88-4	Methyl iodide	ND	2.07		ug/Kg
75-09-2	Methylene chloride	ND	4.15		ug/Kg
91-20-3	Naphthalene	ND	2.07		ug/Kg
100-42-5	Styrene	ND	2.07		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170807	**OT-6 AT 10**	Solid	01/15/2014 13:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 16:34	KRH	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	2.07		ug/Kg
108-88-3	Toluene	ND	2.07		ug/Kg
79-01-6	Trichloroethene	ND	2.07		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.07		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.07		ug/Kg
75-01-4	Vinyl chloride	ND	2.07		ug/Kg
1330-20-7	Xylene (total)	ND	4.15		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**15.5**	**2.07**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.07		ug/Kg
136777-61-2	m,p-Xylene	ND	2.07		ug/Kg
104-51-8	n-Butylbenzene	ND	2.07		ug/Kg
103-65-1	n-Propylbenzene	ND	2.07		ug/Kg
95-47-6	o-Xylene	ND	2.07		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.07		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.07		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.07		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.07		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.07		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.07		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	20.7	22.1	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	20.7	21.2	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	20.7	22.4	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	20.7	22	ug/Kg	106	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	**Oil and Grease**	**485**	**485**		**mg/kg**

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170808	**OT-7 AT 2**	Solid	01/15/2014 12:40	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 16:56	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.88		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1.88		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.88		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1.88		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1.88		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1.88		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1.88		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1.88		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1.88		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1.88		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.88		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1.88		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1.88		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1.88		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	3.76		ug/Kg
78-87-5	1,2-Dichloropropane	ND	1.88		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1.88		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1.88		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1.88		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1.88		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1.88		ug/Kg
78-93-3	2-Butanone	ND	1.88		ug/Kg
95-49-8	2-Chlorotoluene	ND	1.88		ug/Kg
591-78-6	2-Hexanone	ND	1.88		ug/Kg
106-43-4	4-Chlorotoluene	ND	1.88		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1.88		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1.88		ug/Kg
67-64-1	**Acetone**	**16.9**	**9.40**		**ug/Kg**
71-43-2	Benzene	ND	1.88		ug/Kg
108-86-1	Bromobenzene	ND	1.88		ug/Kg
74-97-5	Bromochloromethane	ND	1.88		ug/Kg
75-27-4	Bromodichloromethane	ND	1.88		ug/Kg
75-25-2	Bromoform	ND	1.88		ug/Kg
74-83-9	Bromomethane	ND	1.88		ug/Kg
75-15-0	Carbon disulfide	ND	1.88		ug/Kg
56-23-5	Carbon tetrachloride	ND	1.88		ug/Kg
108-90-7	Chlorobenzene	ND	1.88		ug/Kg
75-00-3	Chloroethane	ND	1.88		ug/Kg
67-66-3	Chloroform	ND	1.88		ug/Kg
74-87-3	Chloromethane	ND	1.88		ug/Kg
124-48-1	Dibromochloromethane	ND	1.88		ug/Kg
74-95-3	Dibromomethane	ND	1.88		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1.88		ug/Kg
100-41-4	Ethylbenzene	ND	1.88		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1.88		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1.88		ug/Kg
74-88-4	Methyl iodide	ND	1.88		ug/Kg
75-09-2	Methylene chloride	ND	3.76		ug/Kg
91-20-3	Naphthalene	ND	1.88		ug/Kg
100-42-5	Styrene	ND	1.88		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170808	**OT-7 AT 2**	Solid	01/15/2014 12:40	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 16:56	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	1.88		ug/Kg
108-88-3	Toluene	ND	1.88		ug/Kg
79-01-6	Trichloroethene	ND	1.88		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1.88		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1.88		ug/Kg
75-01-4	Vinyl chloride	ND	1.88		ug/Kg
1330-20-7	Xylene (total)	ND	3.76		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	1.88		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	1.88		ug/Kg
136777-61-2	m,p-Xylene	ND	1.88		ug/Kg
104-51-8	n-Butylbenzene	ND	1.88		ug/Kg
103-65-1	n-Propylbenzene	ND	1.88		ug/Kg
95-47-6	o-Xylene	ND	1.88		ug/Kg
135-98-8	sec-Butylbenzene	ND	1.88		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1.88		ug/Kg
98-06-6	tert-Butylbenzene	ND	1.88		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1.88		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1.88		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1.88		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	18.8	19.2	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	18.8	19.9	ug/Kg	106	65 - 130
2037-26-5	Toluene d8	18.8	19.2	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	18.8	21	ug/Kg	112	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	485		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170809	**MS-1 AT 5**	Solid	01/15/2014 08:50	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 17:18	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.00		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.00		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.00		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.00		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.00		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.00		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.00		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.00		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.00		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.00		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.00		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.00		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.00		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.00		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	4.00		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.00		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.00		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.00		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.00		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.00		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.00		ug/Kg
78-93-3	2-Butanone	ND	2.00		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.00		ug/Kg
591-78-6	2-Hexanone	ND	2.00		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.00		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.00		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.00		ug/Kg
67-64-1	**Acetone**	**11.5**	**10.0**		**ug/Kg**
71-43-2	Benzene	ND	2.00		ug/Kg
108-86-1	Bromobenzene	ND	2.00		ug/Kg
74-97-5	Bromochloromethane	ND	2.00		ug/Kg
75-27-4	Bromodichloromethane	ND	2.00		ug/Kg
75-25-2	Bromoform	ND	2.00		ug/Kg
74-83-9	Bromomethane	ND	2.00		ug/Kg
75-15-0	Carbon disulfide	ND	2.00		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.00		ug/Kg
108-90-7	Chlorobenzene	ND	2.00		ug/Kg
75-00-3	Chloroethane	ND	2.00		ug/Kg
67-66-3	Chloroform	ND	2.00		ug/Kg
74-87-3	Chloromethane	ND	2.00		ug/Kg
124-48-1	Dibromochloromethane	ND	2.00		ug/Kg
74-95-3	Dibromomethane	ND	2.00		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.00		ug/Kg
100-41-4	Ethylbenzene	ND	2.00		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.00		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.00		ug/Kg
74-88-4	Methyl iodide	ND	2.00		ug/Kg
75-09-2	Methylene chloride	ND	4.00		ug/Kg
91-20-3	Naphthalene	ND	2.00		ug/Kg
100-42-5	Styrene	ND	2.00		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170809	**MS-1 AT 5**	Solid	01/15/2014 08:50	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 17:18	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	2.00		ug/Kg
79-01-6	Trichloroethene	ND	2.00		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.00		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.00		ug/Kg
75-01-4	Vinyl chloride	ND	2.00		ug/Kg
1330-20-7	Xylene (total)	ND	4.00		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	2.00		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.00		ug/Kg
136777-61-2	m,p-Xylene	ND	2.00		ug/Kg
104-51-8	n-Butylbenzene	ND	2.00		ug/Kg
103-65-1	n-Propylbenzene	ND	2.00		ug/Kg
95-47-6	o-Xylene	ND	2.00		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.00		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.00		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.00		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.00		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.00		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.00		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	20	20.5	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	20	20.6	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	20	21	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	20	21.8	ug/Kg	109	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 14:26	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	84.1		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	841	844	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	841	795	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	841	849	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	841	835	ug/Kg	99	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170809	**MS-1 AT 5**	Solid	01/15/2014 08:50	01/17/2014 10:00

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	495		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170810	**MS-2 AT 5**	Solid	01/15/2014 09:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 13:22	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.76		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1.76		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.76		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1.76		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1.76		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1.76		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1.76		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1.76		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1.76		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1.76		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.76		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1.76		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1.76		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1.76		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	3.51		ug/Kg
78-87-5	1,2-Dichloropropane	ND	1.76		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1.76		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1.76		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1.76		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1.76		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1.76		ug/Kg
78-93-3	**2-Butanone**	**2.14**	**1.76**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	1.76		ug/Kg
591-78-6	2-Hexanone	ND	1.76		ug/Kg
106-43-4	4-Chlorotoluene	ND	1.76		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1.76		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1.76		ug/Kg
67-64-1	**Acetone**	**22.0**	**8.78**		**ug/Kg**
71-43-2	Benzene	ND	1.76		ug/Kg
108-86-1	Bromobenzene	ND	1.76		ug/Kg
74-97-5	Bromochloromethane	ND	1.76		ug/Kg
75-27-4	Bromodichloromethane	ND	1.76		ug/Kg
75-25-2	Bromoform	ND	1.76		ug/Kg
74-83-9	Bromomethane	ND	1.76		ug/Kg
75-15-0	Carbon disulfide	ND	1.76		ug/Kg
56-23-5	Carbon tetrachloride	ND	1.76		ug/Kg
108-90-7	Chlorobenzene	ND	1.76		ug/Kg
75-00-3	Chloroethane	ND	1.76		ug/Kg
67-66-3	Chloroform	ND	1.76		ug/Kg
74-87-3	Chloromethane	ND	1.76		ug/Kg
124-48-1	Dibromochloromethane	ND	1.76		ug/Kg
74-95-3	Dibromomethane	ND	1.76		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1.76		ug/Kg
100-41-4	Ethylbenzene	ND	1.76		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1.76		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1.76		ug/Kg
74-88-4	Methyl iodide	ND	1.76		ug/Kg
75-09-2	Methylene chloride	ND	3.51		ug/Kg
91-20-3	Naphthalene	ND	1.76		ug/Kg
100-42-5	Styrene	ND	1.76		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170810	**MS-2 AT 5**	Solid	01/15/2014 09:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 13:22	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**7.67**	**1.76**		**ug/Kg**
108-88-3	Toluene	ND	1.76		ug/Kg
79-01-6	Trichloroethene	ND	1.76		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1.76		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1.76		ug/Kg
75-01-4	Vinyl chloride	ND	1.76		ug/Kg
1330-20-7	Xylene (total)	ND	3.51		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	1.76		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	1.76		ug/Kg
136777-61-2	m,p-Xylene	ND	1.76		ug/Kg
104-51-8	n-Butylbenzene	ND	1.76		ug/Kg
103-65-1	n-Propylbenzene	ND	1.76		ug/Kg
95-47-6	o-Xylene	ND	1.76		ug/Kg
135-98-8	sec-Butylbenzene	ND	1.76		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1.76		ug/Kg
98-06-6	tert-Butylbenzene	ND	1.76		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1.76		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1.76		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1.76		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	17.6	17	ug/Kg	97	62 - 127
1868-53-7	Dibromofluoromethane	17.6	18.6	ug/Kg	106	65 - 130
2037-26-5	Toluene d8	17.6	20.3	ug/Kg	116	71 - 132
17060-07-0	1,2-Dichloroethane-d4	17.6	19	ug/Kg	108	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	490		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170811	**MS-3 AT 10**	Solid	01/15/2014 09:15	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 18:03	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.05		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.05		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.05		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.05		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.05		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.05		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.05		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.05		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.05		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.05		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.05		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.05		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.05		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.05		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	4.10		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.05		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.05		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.05		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.05		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.05		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.05		ug/Kg
78-93-3	2-Butanone	ND	2.05		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.05		ug/Kg
591-78-6	2-Hexanone	ND	2.05		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.05		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.05		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.05		ug/Kg
67-64-1	Acetone	ND	10.2		ug/Kg
71-43-2	Benzene	ND	2.05		ug/Kg
108-86-1	Bromobenzene	ND	2.05		ug/Kg
74-97-5	Bromochloromethane	ND	2.05		ug/Kg
75-27-4	Bromodichloromethane	ND	2.05		ug/Kg
75-25-2	Bromoform	ND	2.05		ug/Kg
74-83-9	Bromomethane	ND	2.05		ug/Kg
75-15-0	Carbon disulfide	ND	2.05		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.05		ug/Kg
108-90-7	Chlorobenzene	ND	2.05		ug/Kg
75-00-3	Chloroethane	ND	2.05		ug/Kg
67-66-3	Chloroform	ND	2.05		ug/Kg
74-87-3	Chloromethane	ND	2.05		ug/Kg
124-48-1	Dibromochloromethane	ND	2.05		ug/Kg
74-95-3	Dibromomethane	ND	2.05		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.05		ug/Kg
100-41-4	Ethylbenzene	ND	2.05		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.05		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.05		ug/Kg
74-88-4	Methyl iodide	ND	2.05		ug/Kg
75-09-2	Methylene chloride	ND	4.10		ug/Kg
91-20-3	Naphthalene	ND	2.05		ug/Kg
100-42-5	Styrene	ND	2.05		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170811	**MS-3 AT 10**	Solid	01/15/2014 09:15	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 18:03	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	2.05		ug/Kg
108-88-3	Toluene	ND	2.05		ug/Kg
79-01-6	Trichloroethene	ND	2.05		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.05		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.05		ug/Kg
75-01-4	Vinyl chloride	ND	2.05		ug/Kg
1330-20-7	Xylene (total)	ND	4.10		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	2.05		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.05		ug/Kg
136777-61-2	m,p-Xylene	ND	2.05		ug/Kg
104-51-8	n-Butylbenzene	ND	2.05		ug/Kg
103-65-1	n-Propylbenzene	ND	2.05		ug/Kg
95-47-6	o-Xylene	ND	2.05		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.05		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.05		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.05		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.05		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.05		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.05		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	20.5	21.6	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	20.5	21	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	20.5	21.5	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	20.5	22.3	ug/Kg	109	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	485		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170812	**CO-1 AT 10**	Solid	01/15/2014 11:15	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 18:25	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.87		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1.87		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.87		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1.87		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1.87		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1.87		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1.87		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1.87		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1.87		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1.87		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.87		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1.87		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1.87		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1.87		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**8.41**	**3.74**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	1.87		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1.87		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1.87		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1.87		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1.87		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1.87		ug/Kg
78-93-3	2-Butanone	ND	1.87		ug/Kg
95-49-8	2-Chlorotoluene	ND	1.87		ug/Kg
591-78-6	2-Hexanone	ND	1.87		ug/Kg
106-43-4	4-Chlorotoluene	ND	1.87		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1.87		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1.87		ug/Kg
67-64-1	Acetone	ND	9.35		ug/Kg
71-43-2	Benzene	ND	1.87		ug/Kg
108-86-1	Bromobenzene	ND	1.87		ug/Kg
74-97-5	Bromochloromethane	ND	1.87		ug/Kg
75-27-4	Bromodichloromethane	ND	1.87		ug/Kg
75-25-2	Bromoform	ND	1.87		ug/Kg
74-83-9	Bromomethane	ND	1.87		ug/Kg
75-15-0	Carbon disulfide	ND	1.87		ug/Kg
56-23-5	Carbon tetrachloride	ND	1.87		ug/Kg
108-90-7	Chlorobenzene	ND	1.87		ug/Kg
75-00-3	Chloroethane	ND	1.87		ug/Kg
67-66-3	Chloroform	ND	1.87		ug/Kg
74-87-3	Chloromethane	ND	1.87		ug/Kg
124-48-1	Dibromochloromethane	ND	1.87		ug/Kg
74-95-3	Dibromomethane	ND	1.87		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1.87		ug/Kg
100-41-4	Ethylbenzene	ND	1.87		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1.87		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1.87		ug/Kg
74-88-4	Methyl iodide	ND	1.87		ug/Kg
75-09-2	Methylene chloride	ND	3.74		ug/Kg
91-20-3	**Naphthalene**	**2.24**	**1.87**		**ug/Kg**
100-42-5	Styrene	ND	1.87		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170812	**CO-1 AT 10**	Solid	01/15/2014 11:15	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 18:25	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	1.87		ug/Kg
108-88-3	Toluene	ND	1.87		ug/Kg
79-01-6	Trichloroethene	ND	1.87		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1.87		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1.87		ug/Kg
75-01-4	Vinyl chloride	ND	1.87		ug/Kg
1330-20-7	Xylene (total)	ND	3.74		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**8.41**	**1.87**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	1.87		ug/Kg
136777-61-2	m,p-Xylene	ND	1.87		ug/Kg
104-51-8	n-Butylbenzene	ND	1.87		ug/Kg
103-65-1	n-Propylbenzene	ND	1.87		ug/Kg
95-47-6	o-Xylene	ND	1.87		ug/Kg
135-98-8	sec-Butylbenzene	ND	1.87		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1.87		ug/Kg
98-06-6	tert-Butylbenzene	ND	1.87		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1.87		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1.87		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1.87		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	18.7	20	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	18.7	19.4	ug/Kg	104	65 - 130
2037-26-5	Toluene d8	18.7	19.2	ug/Kg	103	71 - 132
17060-07-0	1,2-Dichloroethane-d4	18.7	20.5	ug/Kg	110	62 - 125

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/21/2014 08:30	523898	EPA 3550C	1	01/21/2014 13:27	PMM	524003

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	**Diesel Range Organics**	**4950**	**4000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	1310	ug/Kg	79	63 - 120

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	485		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170813	**CO-2 AT 5**	Solid	01/15/2014 11:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 18:47	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.63		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1.63		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.63		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1.63		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1.63		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1.63		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1.63		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1.63		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1.63		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1.63		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.63		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1.63		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1.63		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1.63		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	3.26		ug/Kg
78-87-5	1,2-Dichloropropane	ND	1.63		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1.63		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1.63		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1.63		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1.63		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1.63		ug/Kg
78-93-3	2-Butanone	ND	1.63		ug/Kg
95-49-8	2-Chlorotoluene	ND	1.63		ug/Kg
591-78-6	2-Hexanone	ND	1.63		ug/Kg
106-43-4	4-Chlorotoluene	ND	1.63		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1.63		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1.63		ug/Kg
67-64-1	Acetone	ND	8.16		ug/Kg
71-43-2	Benzene	ND	1.63		ug/Kg
108-86-1	Bromobenzene	ND	1.63		ug/Kg
74-97-5	Bromochloromethane	ND	1.63		ug/Kg
75-27-4	Bromodichloromethane	ND	1.63		ug/Kg
75-25-2	Bromoform	ND	1.63		ug/Kg
74-83-9	Bromomethane	ND	1.63		ug/Kg
75-15-0	Carbon disulfide	ND	1.63		ug/Kg
56-23-5	Carbon tetrachloride	ND	1.63		ug/Kg
108-90-7	Chlorobenzene	ND	1.63		ug/Kg
75-00-3	Chloroethane	ND	1.63		ug/Kg
67-66-3	Chloroform	ND	1.63		ug/Kg
74-87-3	Chloromethane	ND	1.63		ug/Kg
124-48-1	Dibromochloromethane	ND	1.63		ug/Kg
74-95-3	Dibromomethane	ND	1.63		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1.63		ug/Kg
100-41-4	Ethylbenzene	ND	1.63		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1.63		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1.63		ug/Kg
74-88-4	Methyl iodide	ND	1.63		ug/Kg
75-09-2	Methylene chloride	ND	3.26		ug/Kg
91-20-3	Naphthalene	ND	1.63		ug/Kg
100-42-5	Styrene	ND	1.63		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170813	**CO-2 AT 5**	Solid	01/15/2014 11:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 18:47	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	1.63		ug/Kg
108-88-3	Toluene	ND	1.63		ug/Kg
79-01-6	Trichloroethene	ND	1.63		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1.63		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1.63		ug/Kg
75-01-4	Vinyl chloride	ND	1.63		ug/Kg
1330-20-7	Xylene (total)	ND	3.26		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	1.63		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	1.63		ug/Kg
136777-61-2	m,p-Xylene	ND	1.63		ug/Kg
104-51-8	n-Butylbenzene	ND	1.63		ug/Kg
103-65-1	n-Propylbenzene	ND	1.63		ug/Kg
95-47-6	o-Xylene	ND	1.63		ug/Kg
135-98-8	sec-Butylbenzene	ND	1.63		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1.63		ug/Kg
98-06-6	tert-Butylbenzene	ND	1.63		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1.63		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1.63		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1.63		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	16.3	17.8	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	16.3	17	ug/Kg	104	65 - 130
2037-26-5	Toluene d8	16.3	17.1	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	16.3	18.4	ug/Kg	113	62 - 125

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/21/2014 08:30	523898	EPA 3550C	1	01/21/2014 13:46	PMM	524003

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	**Diesel Range Organics**	**12600**	**4000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	1420	ug/Kg	85	63 - 120

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	495		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170814	**AST-1 AT 10**	Solid	01/14/2014 10:50	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 19:09	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.47		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.47		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.47		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.47		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.47		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.47		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.47		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.47		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.47		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.47		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.47		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.47		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.47		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.47		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	4.93		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.47		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.47		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.47		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.47		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.47		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.47		ug/Kg
78-93-3	2-Butanone	ND	2.47		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.47		ug/Kg
591-78-6	2-Hexanone	ND	2.47		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.47		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.47		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.47		ug/Kg
67-64-1	Acetone	ND	12.3		ug/Kg
71-43-2	Benzene	ND	2.47		ug/Kg
108-86-1	Bromobenzene	ND	2.47		ug/Kg
74-97-5	Bromochloromethane	ND	2.47		ug/Kg
75-27-4	Bromodichloromethane	ND	2.47		ug/Kg
75-25-2	Bromoform	ND	2.47		ug/Kg
74-83-9	Bromomethane	ND	2.47		ug/Kg
75-15-0	Carbon disulfide	ND	2.47		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.47		ug/Kg
108-90-7	Chlorobenzene	ND	2.47		ug/Kg
75-00-3	Chloroethane	ND	2.47		ug/Kg
67-66-3	Chloroform	ND	2.47		ug/Kg
74-87-3	Chloromethane	ND	2.47		ug/Kg
124-48-1	Dibromochloromethane	ND	2.47		ug/Kg
74-95-3	Dibromomethane	ND	2.47		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.47		ug/Kg
100-41-4	Ethylbenzene	ND	2.47		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.47		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.47		ug/Kg
74-88-4	Methyl iodide	ND	2.47		ug/Kg
75-09-2	Methylene chloride	ND	4.93		ug/Kg
91-20-3	Naphthalene	ND	2.47		ug/Kg
100-42-5	Styrene	ND	2.47		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170814	**AST-1 AT 10**	Solid	01/14/2014 10:50	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 19:09	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	2.47		ug/Kg
108-88-3	Toluene	ND	2.47		ug/Kg
79-01-6	Trichloroethene	ND	2.47		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.47		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.47		ug/Kg
75-01-4	Vinyl chloride	ND	2.47		ug/Kg
1330-20-7	Xylene (total)	ND	4.93		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	2.47		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.47		ug/Kg
136777-61-2	m,p-Xylene	ND	2.47		ug/Kg
104-51-8	n-Butylbenzene	ND	2.47		ug/Kg
103-65-1	n-Propylbenzene	ND	2.47		ug/Kg
95-47-6	o-Xylene	ND	2.47		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.47		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.47		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.47		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.47		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.47		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.47		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	24.7	26.4	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	24.7	25.4	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	24.7	25.9	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	24.7	26.6	ug/Kg	108	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170815	**AST-2 AT 10**	Solid	01/14/2014 11:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			150	01/22/2014 14:45	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	324		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	324		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	324		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	324		ug/Kg
75-34-3	1,1-Dichloroethane	ND	324		ug/Kg
75-35-4	1,1-Dichloroethene	ND	324		ug/Kg
563-58-6	1,1-Dichloropropene	ND	324		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	324		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	324		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	324		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	324		ug/Kg
106-93-4	1,2-Dibromoethane	ND	324		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	324		ug/Kg
107-06-2	1,2-Dichloroethane	ND	324		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	648		ug/Kg
78-87-5	1,2-Dichloropropane	ND	324		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	324		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	324		ug/Kg
142-28-9	1,3-Dichloropropane	ND	324		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	324		ug/Kg
594-20-7	2,2-Dichloropropane	ND	324		ug/Kg
78-93-3	2-Butanone	ND	324		ug/Kg
95-49-8	2-Chlorotoluene	ND	324		ug/Kg
591-78-6	2-Hexanone	ND	324		ug/Kg
106-43-4	4-Chlorotoluene	ND	324		ug/Kg
99-87-6	4-Isopropyltoluene	ND	324		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	324		ug/Kg
67-64-1	Acetone	ND	1620		ug/Kg
71-43-2	Benzene	ND	324		ug/Kg
108-86-1	Bromobenzene	ND	324		ug/Kg
74-97-5	Bromochloromethane	ND	324		ug/Kg
75-27-4	Bromodichloromethane	ND	324		ug/Kg
75-25-2	Bromoform	ND	324		ug/Kg
74-83-9	Bromomethane	ND	324		ug/Kg
75-15-0	Carbon disulfide	ND	324		ug/Kg
56-23-5	Carbon tetrachloride	ND	324		ug/Kg
108-90-7	Chlorobenzene	ND	324		ug/Kg
75-00-3	Chloroethane	ND	324		ug/Kg
67-66-3	Chloroform	ND	324		ug/Kg
74-87-3	Chloromethane	ND	324		ug/Kg
124-48-1	Dibromochloromethane	ND	324		ug/Kg
74-95-3	Dibromomethane	ND	324		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	324		ug/Kg
100-41-4	Ethylbenzene	ND	324		ug/Kg
87-68-3	Hexachlorobutadiene	ND	324		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	324		ug/Kg
74-88-4	Methyl iodide	ND	324		ug/Kg
75-09-2	Methylene chloride	ND	648		ug/Kg
91-20-3	Naphthalene	ND	324		ug/Kg
100-42-5	Styrene	ND	324		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170815	**AST-2 AT 10**	Solid	01/14/2014 11:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			150	01/22/2014 14:45	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**694**	**324**		**ug/Kg**
108-88-3	Toluene	ND	324		ug/Kg
79-01-6	Trichloroethene	ND	324		ug/Kg
75-69-4	Trichlorofluoromethane	ND	324		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	324		ug/Kg
75-01-4	Vinyl chloride	ND	324		ug/Kg
1330-20-7	Xylene (total)	ND	648		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	324		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	324		ug/Kg
136777-61-2	m,p-Xylene	ND	324		ug/Kg
104-51-8	n-Butylbenzene	ND	324		ug/Kg
103-65-1	n-Propylbenzene	ND	324		ug/Kg
95-47-6	o-Xylene	ND	324		ug/Kg
135-98-8	sec-Butylbenzene	ND	324		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	324		ug/Kg
98-06-6	tert-Butylbenzene	ND	324		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	324		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	324		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	324		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3240	3310	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	3240	3060	ug/Kg	94	65 - 130
2037-26-5	Toluene d8	3240	3300	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3240	3230	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170816	**AST-3 AT 10**	Solid	01/14/2014 11:15	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 19:31	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.95		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1.95		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.95		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1.95		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1.95		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1.95		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1.95		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1.95		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1.95		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1.95		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.95		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1.95		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1.95		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1.95		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	3.91		ug/Kg
78-87-5	1,2-Dichloropropane	ND	1.95		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1.95		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1.95		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1.95		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1.95		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1.95		ug/Kg
78-93-3	2-Butanone	ND	1.95		ug/Kg
95-49-8	2-Chlorotoluene	ND	1.95		ug/Kg
591-78-6	2-Hexanone	ND	1.95		ug/Kg
106-43-4	4-Chlorotoluene	ND	1.95		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1.95		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1.95		ug/Kg
67-64-1	Acetone	ND	9.77		ug/Kg
71-43-2	Benzene	ND	1.95		ug/Kg
108-86-1	Bromobenzene	ND	1.95		ug/Kg
74-97-5	Bromochloromethane	ND	1.95		ug/Kg
75-27-4	Bromodichloromethane	ND	1.95		ug/Kg
75-25-2	Bromoform	ND	1.95		ug/Kg
74-83-9	Bromomethane	ND	1.95		ug/Kg
75-15-0	Carbon disulfide	ND	1.95		ug/Kg
56-23-5	Carbon tetrachloride	ND	1.95		ug/Kg
108-90-7	Chlorobenzene	ND	1.95		ug/Kg
75-00-3	Chloroethane	ND	1.95		ug/Kg
67-66-3	Chloroform	ND	1.95		ug/Kg
74-87-3	Chloromethane	ND	1.95		ug/Kg
124-48-1	Dibromochloromethane	ND	1.95		ug/Kg
74-95-3	Dibromomethane	ND	1.95		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1.95		ug/Kg
100-41-4	Ethylbenzene	ND	1.95		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1.95		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1.95		ug/Kg
74-88-4	Methyl iodide	ND	1.95		ug/Kg
75-09-2	Methylene chloride	ND	3.91		ug/Kg
91-20-3	Naphthalene	ND	1.95		ug/Kg
100-42-5	Styrene	ND	1.95		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170816	**AST-3 AT 10**	Solid	01/14/2014 11:15	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 19:31	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**177**	**1.95**		**ug/Kg**
108-88-3	Toluene	ND	1.95		ug/Kg
79-01-6	Trichloroethene	ND	1.95		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1.95		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1.95		ug/Kg
75-01-4	Vinyl chloride	ND	1.95		ug/Kg
1330-20-7	Xylene (total)	ND	3.91		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	1.95		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	1.95		ug/Kg
136777-61-2	m,p-Xylene	ND	1.95		ug/Kg
104-51-8	n-Butylbenzene	ND	1.95		ug/Kg
103-65-1	n-Propylbenzene	ND	1.95		ug/Kg
95-47-6	o-Xylene	ND	1.95		ug/Kg
135-98-8	sec-Butylbenzene	ND	1.95		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1.95		ug/Kg
98-06-6	tert-Butylbenzene	ND	1.95		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1.95		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1.95		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1.95		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	19.5	20.3	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	19.5	20	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	19.5	21	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	19.5	20.3	ug/Kg	104	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170817	**OT-1 AT 10**	Solid	01/14/2014 11:33	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 19:54	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.53		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.53		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.53		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.53		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.53		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.53		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.53		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.53		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.53		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.53		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.53		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.53		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.53		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.53		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	5.07		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.53		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.53		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.53		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.53		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.53		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.53		ug/Kg
78-93-3	2-Butanone	ND	2.53		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.53		ug/Kg
591-78-6	2-Hexanone	ND	2.53		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.53		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.53		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.53		ug/Kg
67-64-1	Acetone	ND	12.7		ug/Kg
71-43-2	Benzene	ND	2.53		ug/Kg
108-86-1	Bromobenzene	ND	2.53		ug/Kg
74-97-5	Bromochloromethane	ND	2.53		ug/Kg
75-27-4	Bromodichloromethane	ND	2.53		ug/Kg
75-25-2	Bromoform	ND	2.53		ug/Kg
74-83-9	Bromomethane	ND	2.53		ug/Kg
75-15-0	Carbon disulfide	ND	2.53		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.53		ug/Kg
108-90-7	Chlorobenzene	ND	2.53		ug/Kg
75-00-3	Chloroethane	ND	2.53		ug/Kg
67-66-3	Chloroform	ND	2.53		ug/Kg
74-87-3	Chloromethane	ND	2.53		ug/Kg
124-48-1	Dibromochloromethane	ND	2.53		ug/Kg
74-95-3	Dibromomethane	ND	2.53		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.53		ug/Kg
100-41-4	Ethylbenzene	ND	2.53		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.53		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.53		ug/Kg
74-88-4	Methyl iodide	ND	2.53		ug/Kg
75-09-2	Methylene chloride	ND	5.07		ug/Kg
91-20-3	Naphthalene	ND	2.53		ug/Kg
100-42-5	Styrene	ND	2.53		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170817	**OT-1 AT 10**	Solid	01/14/2014 11:33	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 19:54	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	2.53		ug/Kg
108-88-3	Toluene	ND	2.53		ug/Kg
79-01-6	Trichloroethene	ND	2.53		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.53		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.53		ug/Kg
75-01-4	Vinyl chloride	ND	2.53		ug/Kg
1330-20-7	Xylene (total)	ND	5.07		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	2.53		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.53		ug/Kg
136777-61-2	m,p-Xylene	ND	2.53		ug/Kg
104-51-8	n-Butylbenzene	ND	2.53		ug/Kg
103-65-1	n-Propylbenzene	ND	2.53		ug/Kg
95-47-6	o-Xylene	ND	2.53		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.53		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.53		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.53		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.53		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.53		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.53		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	25.3	26.9	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	25.3	26.6	ug/Kg	105	65 - 130
2037-26-5	Toluene d8	25.3	26.7	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	25.3	27.7	ug/Kg	109	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	**Oil and Grease**	**1300**	**485**		**mg/kg**

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170818	**OT-2 AT 2**	Solid	01/14/2014 12:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 15:25	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	99.0		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	99.0		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	99.0		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	99.0		ug/Kg
75-34-3	1,1-Dichloroethane	ND	99.0		ug/Kg
75-35-4	1,1-Dichloroethene	ND	99.0		ug/Kg
563-58-6	1,1-Dichloropropene	ND	99.0		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	99.0		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	99.0		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	99.0		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	99.0		ug/Kg
106-93-4	1,2-Dibromoethane	ND	99.0		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	99.0		ug/Kg
107-06-2	1,2-Dichloroethane	ND	99.0		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	198		ug/Kg
78-87-5	1,2-Dichloropropane	ND	99.0		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	99.0		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	99.0		ug/Kg
142-28-9	1,3-Dichloropropane	ND	99.0		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	99.0		ug/Kg
594-20-7	2,2-Dichloropropane	ND	99.0		ug/Kg
78-93-3	2-Butanone	ND	99.0		ug/Kg
95-49-8	2-Chlorotoluene	ND	99.0		ug/Kg
591-78-6	2-Hexanone	ND	99.0		ug/Kg
106-43-4	4-Chlorotoluene	ND	99.0		ug/Kg
99-87-6	4-Isopropyltoluene	ND	99.0		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	99.0		ug/Kg
67-64-1	Acetone	ND	495		ug/Kg
71-43-2	Benzene	ND	99.0		ug/Kg
108-86-1	Bromobenzene	ND	99.0		ug/Kg
74-97-5	Bromochloromethane	ND	99.0		ug/Kg
75-27-4	Bromodichloromethane	ND	99.0		ug/Kg
75-25-2	Bromoform	ND	99.0		ug/Kg
74-83-9	Bromomethane	ND	99.0		ug/Kg
75-15-0	Carbon disulfide	ND	99.0		ug/Kg
56-23-5	Carbon tetrachloride	ND	99.0		ug/Kg
108-90-7	Chlorobenzene	ND	99.0		ug/Kg
75-00-3	Chloroethane	ND	99.0		ug/Kg
67-66-3	Chloroform	ND	99.0		ug/Kg
74-87-3	Chloromethane	ND	99.0		ug/Kg
124-48-1	Dibromochloromethane	ND	99.0		ug/Kg
74-95-3	Dibromomethane	ND	99.0		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	99.0		ug/Kg
100-41-4	Ethylbenzene	ND	99.0		ug/Kg
87-68-3	Hexachlorobutadiene	ND	99.0		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	99.0		ug/Kg
74-88-4	Methyl iodide	ND	99.0		ug/Kg
75-09-2	Methylene chloride	ND	198		ug/Kg
91-20-3	Naphthalene	ND	99.0		ug/Kg
100-42-5	Styrene	ND	99.0		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170818	**OT-2 AT 2**	Solid	01/14/2014 12:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 15:25	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**185**	**99.0**		**ug/Kg**
108-88-3	Toluene	ND	99.0		ug/Kg
79-01-6	Trichloroethene	ND	99.0		ug/Kg
75-69-4	Trichlorofluoromethane	ND	99.0		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	99.0		ug/Kg
75-01-4	Vinyl chloride	ND	99.0		ug/Kg
1330-20-7	Xylene (total)	ND	198		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	99.0		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	99.0		ug/Kg
136777-61-2	m,p-Xylene	ND	99.0		ug/Kg
104-51-8	n-Butylbenzene	ND	99.0		ug/Kg
103-65-1	n-Propylbenzene	ND	99.0		ug/Kg
95-47-6	o-Xylene	ND	99.0		ug/Kg
135-98-8	sec-Butylbenzene	ND	99.0		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	99.0		ug/Kg
98-06-6	tert-Butylbenzene	ND	99.0		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	99.0		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	99.0		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	99.0		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	990	995	ug/Kg	100	62 - 127
1868-53-7	Dibromofluoromethane	990	935	ug/Kg	94	65 - 130
2037-26-5	Toluene d8	990	1000	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	990	968	ug/Kg	98	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	495		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170819	**OT-3 AT 10**	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 20:16	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.04		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.04		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.04		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.04		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.04		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.04		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.04		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.04		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.04		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.04		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.04		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.04		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.04		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.04		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**26.0**	**4.08**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	2.04		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.04		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.04		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.04		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.04		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.04		ug/Kg
78-93-3	**2-Butanone**	**2.90**	**2.04**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	2.04		ug/Kg
591-78-6	2-Hexanone	ND	2.04		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.04		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.04		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.04		ug/Kg
67-64-1	Acetone	ND	10.2		ug/Kg
71-43-2	Benzene	ND	2.04		ug/Kg
108-86-1	Bromobenzene	ND	2.04		ug/Kg
74-97-5	Bromochloromethane	ND	2.04		ug/Kg
75-27-4	Bromodichloromethane	ND	2.04		ug/Kg
75-25-2	Bromoform	ND	2.04		ug/Kg
74-83-9	Bromomethane	ND	2.04		ug/Kg
75-15-0	Carbon disulfide	ND	2.04		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.04		ug/Kg
108-90-7	Chlorobenzene	ND	2.04		ug/Kg
75-00-3	Chloroethane	ND	2.04		ug/Kg
67-66-3	Chloroform	ND	2.04		ug/Kg
74-87-3	Chloromethane	ND	2.04		ug/Kg
124-48-1	Dibromochloromethane	ND	2.04		ug/Kg
74-95-3	Dibromomethane	ND	2.04		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.04		ug/Kg
100-41-4	Ethylbenzene	ND	2.04		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.04		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.04		ug/Kg
74-88-4	Methyl iodide	ND	2.04		ug/Kg
75-09-2	Methylene chloride	ND	4.08		ug/Kg
91-20-3	Naphthalene	ND	2.04		ug/Kg
100-42-5	Styrene	ND	2.04		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170819	**OT-3 AT 10**	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 20:16	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**76.8**	**2.04**		**ug/Kg**
108-88-3	Toluene	ND	2.04		ug/Kg
79-01-6	**Trichloroethene**	**10.8**	**2.04**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	2.04		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.04		ug/Kg
75-01-4	Vinyl chloride	ND	2.04		ug/Kg
1330-20-7	Xylene (total)	ND	4.08		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**26.0**	**2.04**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.04		ug/Kg
136777-61-2	m,p-Xylene	ND	2.04		ug/Kg
104-51-8	n-Butylbenzene	ND	2.04		ug/Kg
103-65-1	n-Propylbenzene	ND	2.04		ug/Kg
95-47-6	o-Xylene	ND	2.04		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.04		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.04		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.04		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.04		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.04		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.04		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	20.4	22.1	ug/Kg	108	62 - 127
1868-53-7	Dibromofluoromethane	20.4	20.8	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	20.4	21.2	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	20.4	22.2	ug/Kg	109	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	490		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170820	**OT-3 AT 2**	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/22/2014 15:45	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**9900**	**397**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3970	4130	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	3970	3820	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	3970	4140	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3970	3800	ug/Kg	96	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 16:05	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	79.5		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	79.5		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	79.5		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	79.5		ug/Kg
75-34-3	1,1-Dichloroethane	ND	79.5		ug/Kg
75-35-4	1,1-Dichloroethene	ND	79.5		ug/Kg
563-58-6	1,1-Dichloropropene	ND	79.5		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	79.5		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	79.5		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	79.5		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	79.5		ug/Kg
106-93-4	1,2-Dibromoethane	ND	79.5		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	79.5		ug/Kg
107-06-2	1,2-Dichloroethane	ND	79.5		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	159		ug/Kg
78-87-5	1,2-Dichloropropane	ND	79.5		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	79.5		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	79.5		ug/Kg
142-28-9	1,3-Dichloropropane	ND	79.5		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	79.5		ug/Kg
594-20-7	2,2-Dichloropropane	ND	79.5		ug/Kg
78-93-3	2-Butanone	ND	79.5		ug/Kg
95-49-8	2-Chlorotoluene	ND	79.5		ug/Kg
591-78-6	2-Hexanone	ND	79.5		ug/Kg
106-43-4	4-Chlorotoluene	ND	79.5		ug/Kg
99-87-6	4-Isopropyltoluene	ND	79.5		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	79.5		ug/Kg
67-64-1	Acetone	ND	397		ug/Kg
71-43-2	Benzene	ND	79.5		ug/Kg
108-86-1	Bromobenzene	ND	79.5		ug/Kg
74-97-5	Bromochloromethane	ND	79.5		ug/Kg
75-27-4	Bromodichloromethane	ND	79.5		ug/Kg
75-25-2	Bromoform	ND	79.5		ug/Kg
74-83-9	Bromomethane	ND	79.5		ug/Kg
75-15-0	Carbon disulfide	ND	79.5		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170820	**OT-3 AT 2**	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 16:05	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	79.5		ug/Kg
108-90-7	Chlorobenzene	ND	79.5		ug/Kg
75-00-3	Chloroethane	ND	79.5		ug/Kg
67-66-3	Chloroform	ND	79.5		ug/Kg
74-87-3	Chloromethane	ND	79.5		ug/Kg
124-48-1	Dibromochloromethane	ND	79.5		ug/Kg
74-95-3	Dibromomethane	ND	79.5		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	79.5		ug/Kg
100-41-4	Ethylbenzene	ND	79.5		ug/Kg
87-68-3	Hexachlorobutadiene	ND	79.5		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	79.5		ug/Kg
74-88-4	Methyl iodide	ND	79.5		ug/Kg
75-09-2	Methylene chloride	ND	159		ug/Kg
91-20-3	Naphthalene	ND	79.5		ug/Kg
100-42-5	Styrene	ND	79.5		ug/Kg
108-88-3	Toluene	ND	79.5		ug/Kg
79-01-6	**Trichloroethene**	**186**	**79.5**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	79.5		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	79.5		ug/Kg
75-01-4	Vinyl chloride	ND	79.5		ug/Kg
1330-20-7	Xylene (total)	ND	159		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**139**	**79.5**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	79.5		ug/Kg
136777-61-2	m,p-Xylene	ND	79.5		ug/Kg
104-51-8	n-Butylbenzene	ND	79.5		ug/Kg
103-65-1	n-Propylbenzene	ND	79.5		ug/Kg
95-47-6	o-Xylene	ND	79.5		ug/Kg
135-98-8	sec-Butylbenzene	ND	79.5		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	79.5		ug/Kg
98-06-6	tert-Butylbenzene	ND	79.5		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	79.5		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	79.5		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	79.5		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	795	833	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	795	753	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	795	810	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	795	763	ug/Kg	96	62 - 125

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170820	**OT-3 AT 2**	Solid	01/14/2014 14:00	01/17/2014 10:00

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	485		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170821	**OT-4 AT 10**	Solid	01/14/2014 15:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 20:38	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.70		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.70		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.70		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.70		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.70		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.70		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.70		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.70		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.70		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.70		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.70		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.70		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.70		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.70		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**36.1**	**5.41**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	2.70		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.70		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.70		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.70		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.70		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.70		ug/Kg
78-93-3	2-Butanone	ND	2.70		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.70		ug/Kg
591-78-6	2-Hexanone	ND	2.70		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.70		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.70		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.70		ug/Kg
67-64-1	Acetone	ND	13.5		ug/Kg
71-43-2	Benzene	ND	2.70		ug/Kg
108-86-1	Bromobenzene	ND	2.70		ug/Kg
74-97-5	Bromochloromethane	ND	2.70		ug/Kg
75-27-4	Bromodichloromethane	ND	2.70		ug/Kg
75-25-2	Bromoform	ND	2.70		ug/Kg
74-83-9	Bromomethane	ND	2.70		ug/Kg
75-15-0	Carbon disulfide	ND	2.70		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.70		ug/Kg
108-90-7	Chlorobenzene	ND	2.70		ug/Kg
75-00-3	Chloroethane	ND	2.70		ug/Kg
67-66-3	Chloroform	ND	2.70		ug/Kg
74-87-3	Chloromethane	ND	2.70		ug/Kg
124-48-1	Dibromochloromethane	ND	2.70		ug/Kg
74-95-3	Dibromomethane	ND	2.70		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.70		ug/Kg
100-41-4	Ethylbenzene	ND	2.70		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.70		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.70		ug/Kg
74-88-4	Methyl iodide	ND	2.70		ug/Kg
75-09-2	Methylene chloride	ND	5.41		ug/Kg
91-20-3	Naphthalene	ND	2.70		ug/Kg
100-42-5	Styrene	ND	2.70		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170821	**OT-4 AT 10**	Solid	01/14/2014 15:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/20/2014 20:38	AMD	523919

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**58.2**	**2.70**		**ug/Kg**
108-88-3	Toluene	ND	2.70		ug/Kg
79-01-6	**Trichloroethene**	**7.00**	**2.70**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	2.70		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.70		ug/Kg
75-01-4	Vinyl chloride	ND	2.70		ug/Kg
1330-20-7	Xylene (total)	ND	5.41		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**36.1**	**2.70**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.70		ug/Kg
136777-61-2	m,p-Xylene	ND	2.70		ug/Kg
104-51-8	n-Butylbenzene	ND	2.70		ug/Kg
103-65-1	n-Propylbenzene	ND	2.70		ug/Kg
95-47-6	o-Xylene	ND	2.70		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.70		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.70		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.70		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.70		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.70		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.70		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	27	28	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	27	28.1	ug/Kg	104	65 - 130
2037-26-5	Toluene d8	27	28.1	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	27	28.7	ug/Kg	106	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	495		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170822	**CD-1 AT 5**	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/22/2014 16:44	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-63-6	**1,2,4-Trimethylbenzene**	**2630**	**336**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3360	3450	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	3360	3190	ug/Kg	95	65 - 130
2037-26-5	Toluene d8	3360	3410	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3360	3350	ug/Kg	100	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 17:04	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	67.2		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	67.2		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	67.2		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	67.2		ug/Kg
75-34-3	1,1-Dichloroethane	ND	67.2		ug/Kg
75-35-4	1,1-Dichloroethene	ND	67.2		ug/Kg
563-58-6	1,1-Dichloropropene	ND	67.2		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	67.2		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	67.2		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	67.2		ug/Kg
106-93-4	1,2-Dibromoethane	ND	67.2		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	67.2		ug/Kg
107-06-2	1,2-Dichloroethane	ND	67.2		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	134		ug/Kg
78-87-5	1,2-Dichloropropane	ND	67.2		ug/Kg
108-67-8	**1,3,5-Trimethylbenzene**	**923**	**67.2**		**ug/Kg**
541-73-1	1,3-Dichlorobenzene	ND	67.2		ug/Kg
142-28-9	1,3-Dichloropropane	ND	67.2		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	67.2		ug/Kg
594-20-7	2,2-Dichloropropane	ND	67.2		ug/Kg
78-93-3	2-Butanone	ND	67.2		ug/Kg
95-49-8	2-Chlorotoluene	ND	67.2		ug/Kg
591-78-6	2-Hexanone	ND	67.2		ug/Kg
106-43-4	4-Chlorotoluene	ND	67.2		ug/Kg
99-87-6	4-Isopropyltoluene	ND	67.2		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	67.2		ug/Kg
67-64-1	Acetone	ND	336		ug/Kg
71-43-2	Benzene	ND	67.2		ug/Kg
108-86-1	Bromobenzene	ND	67.2		ug/Kg
74-97-5	Bromochloromethane	ND	67.2		ug/Kg
75-27-4	Bromodichloromethane	ND	67.2		ug/Kg
75-25-2	Bromoform	ND	67.2		ug/Kg
74-83-9	Bromomethane	ND	67.2		ug/Kg
75-15-0	Carbon disulfide	ND	67.2		ug/Kg
56-23-5	Carbon tetrachloride	ND	67.2		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170822	**CD-1 AT 5**	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 17:04	LBH	524047

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-90-7	Chlorobenzene	ND	67.2		ug/Kg
75-00-3	Chloroethane	ND	67.2		ug/Kg
67-66-3	Chloroform	ND	67.2		ug/Kg
74-87-3	Chloromethane	ND	67.2		ug/Kg
124-48-1	Dibromochloromethane	ND	67.2		ug/Kg
74-95-3	Dibromomethane	ND	67.2		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	67.2		ug/Kg
100-41-4	**Ethylbenzene**	**206**	**67.2**		**ug/Kg**
87-68-3	Hexachlorobutadiene	ND	67.2		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	67.2		ug/Kg
74-88-4	Methyl iodide	ND	67.2		ug/Kg
75-09-2	Methylene chloride	ND	134		ug/Kg
91-20-3	**Naphthalene**	**878**	**67.2**		**ug/Kg**
100-42-5	Styrene	ND	67.2		ug/Kg
127-18-4	Tetrachloroethene	ND	67.2		ug/Kg
108-88-3	Toluene	ND	67.2		ug/Kg
79-01-6	Trichloroethene	ND	67.2		ug/Kg
75-69-4	Trichlorofluoromethane	ND	67.2		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	67.2		ug/Kg
75-01-4	Vinyl chloride	ND	67.2		ug/Kg
1330-20-7	**Xylene (total)**	**948**	**134**		**ug/Kg**
156-59-2	cis-1,2-Dichloroethene	ND	67.2		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	67.2		ug/Kg
136777-61-2	**m,p-Xylene**	**547**	**67.2**		**ug/Kg**
104-51-8	**n-Butylbenzene**	**165**	**67.2**		**ug/Kg**
103-65-1	**n-Propylbenzene**	**240**	**67.2**		**ug/Kg**
95-47-6	**o-Xylene**	**402**	**67.2**		**ug/Kg**
135-98-8	sec-Butylbenzene	ND	67.2		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	67.2		ug/Kg
98-06-6	tert-Butylbenzene	ND	67.2		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	67.2		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	67.2		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	67.2		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	672	698	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	672	621	ug/Kg	92	65 - 130
2037-26-5	Toluene d8	672	683	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	672	655	ug/Kg	97	62 - 125

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/18/2014 03:10	523788	EPA 3550C	10	01/20/2014 12:08	PMM	523911

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	**Diesel Range Organics**	**494000**	**40000**		**ug/Kg**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170822	**CD-1 AT 5**	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/18/2014 03:10	523788	EPA 3550C	10	01/20/2014 12:08	PMM	523911

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	Diluted Out	ug/Kg	**0***	63 - 120

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	500		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170823	**CD-1 AT 10**	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 18:09	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.13		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.13		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.13		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.13		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.13		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.13		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.13		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.13		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.13		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.13		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.13		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.13		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.13		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.13		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	4.26		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.13		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.13		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.13		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.13		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.13		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.13		ug/Kg
78-93-3	2-Butanone	ND	2.13		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.13		ug/Kg
591-78-6	2-Hexanone	ND	2.13		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.13		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.13		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.13		ug/Kg
67-64-1	Acetone	ND	10.7		ug/Kg
71-43-2	Benzene	ND	2.13		ug/Kg
108-86-1	Bromobenzene	ND	2.13		ug/Kg
74-97-5	Bromochloromethane	ND	2.13		ug/Kg
75-27-4	Bromodichloromethane	ND	2.13		ug/Kg
75-25-2	Bromoform	ND	2.13		ug/Kg
74-83-9	Bromomethane	ND	2.13		ug/Kg
75-15-0	Carbon disulfide	ND	2.13		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.13		ug/Kg
108-90-7	Chlorobenzene	ND	2.13		ug/Kg
75-00-3	Chloroethane	ND	2.13		ug/Kg
67-66-3	Chloroform	ND	2.13		ug/Kg
74-87-3	Chloromethane	ND	2.13		ug/Kg
124-48-1	Dibromochloromethane	ND	2.13		ug/Kg
74-95-3	Dibromomethane	ND	2.13		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.13		ug/Kg
100-41-4	Ethylbenzene	ND	2.13		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.13		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.13		ug/Kg
74-88-4	Methyl iodide	ND	2.13		ug/Kg
75-09-2	Methylene chloride	ND	4.26		ug/Kg
91-20-3	Naphthalene	ND	2.13		ug/Kg
100-42-5	Styrene	ND	2.13		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170823	**CD-1 AT 10**	Solid	01/14/2014 14:40	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 18:09	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**10.3**	**2.13**		**ug/Kg**
108-88-3	Toluene	ND	2.13		ug/Kg
79-01-6	Trichloroethene	ND	2.13		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.13		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.13		ug/Kg
75-01-4	Vinyl chloride	ND	2.13		ug/Kg
1330-20-7	Xylene (total)	ND	4.26		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	2.13		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.13		ug/Kg
136777-61-2	m,p-Xylene	ND	2.13		ug/Kg
104-51-8	n-Butylbenzene	ND	2.13		ug/Kg
103-65-1	n-Propylbenzene	ND	2.13		ug/Kg
95-47-6	o-Xylene	ND	2.13		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.13		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.13		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.13		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.13		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.13		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.13		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	21.3	23.1	ug/Kg	108	62 - 127
1868-53-7	Dibromofluoromethane	21.3	21.5	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	21.3	22.9	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	21.3	21.7	ug/Kg	102	62 - 125

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/18/2014 03:10	523788	EPA 3550C	1	01/20/2014 10:52	PMM	523911

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	Diesel Range Organics	ND	4000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	1070	ug/Kg	64	63 - 120

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523768	EPA 9071B	1	01/20/2014 09:00	AEL	523839

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	490		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170824	**CD-2 AT 5**	Solid	01/14/2014 14:20	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 18:32	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.23		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.23		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.23		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.23		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.23		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.23		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.23		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.23		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.23		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.23		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.23		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.23		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.23		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.23		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	4.46		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.23		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.23		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.23		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.23		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.23		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.23		ug/Kg
78-93-3	2-Butanone	ND	2.23		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.23		ug/Kg
591-78-6	2-Hexanone	ND	2.23		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.23		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.23		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.23		ug/Kg
67-64-1	Acetone	ND	11.2		ug/Kg
71-43-2	Benzene	ND	2.23		ug/Kg
108-86-1	Bromobenzene	ND	2.23		ug/Kg
74-97-5	Bromochloromethane	ND	2.23		ug/Kg
75-27-4	Bromodichloromethane	ND	2.23		ug/Kg
75-25-2	Bromoform	ND	2.23		ug/Kg
74-83-9	Bromomethane	ND	2.23		ug/Kg
75-15-0	Carbon disulfide	ND	2.23		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.23		ug/Kg
108-90-7	Chlorobenzene	ND	2.23		ug/Kg
75-00-3	Chloroethane	ND	2.23		ug/Kg
67-66-3	Chloroform	ND	2.23		ug/Kg
74-87-3	Chloromethane	ND	2.23		ug/Kg
124-48-1	Dibromochloromethane	ND	2.23		ug/Kg
74-95-3	Dibromomethane	ND	2.23		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.23		ug/Kg
100-41-4	Ethylbenzene	ND	2.23		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.23		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.23		ug/Kg
74-88-4	Methyl iodide	ND	2.23		ug/Kg
75-09-2	Methylene chloride	ND	4.46		ug/Kg
91-20-3	Naphthalene	ND	2.23		ug/Kg
100-42-5	Styrene	ND	2.23		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170824	**CD-2 AT 5**	Solid	01/14/2014 14:20	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 18:32	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**21.6**	**2.23**		**ug/Kg**
108-88-3	Toluene	ND	2.23		ug/Kg
79-01-6	Trichloroethene	ND	2.23		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.23		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.23		ug/Kg
75-01-4	Vinyl chloride	ND	2.23		ug/Kg
1330-20-7	Xylene (total)	ND	4.46		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**2.99**	**2.23**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.23		ug/Kg
136777-61-2	m,p-Xylene	ND	2.23		ug/Kg
104-51-8	n-Butylbenzene	ND	2.23		ug/Kg
103-65-1	n-Propylbenzene	ND	2.23		ug/Kg
95-47-6	o-Xylene	ND	2.23		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.23		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.23		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.23		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.23		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.23		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.23		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	22.3	23.8	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	22.3	22.7	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	22.3	24	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	22.3	23.2	ug/Kg	104	62 - 125

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/21/2014 08:30	523898	EPA 3550C	1	01/21/2014 14:05	PMM	524003

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-00-4	Diesel Range Organics	ND	4000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	1670	1170	ug/Kg	70	63 - 120

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523769	EPA 9071B	1	01/21/2014 09:30	AEL	523844

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	500		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170825	**OT-0-2 AT 10**	Solid	01/14/2014 12:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 18:54	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.47		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.47		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.47		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.47		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.47		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.47		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.47		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.47		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.47		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.47		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.47		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.47		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.47		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.47		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	4.94		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.47		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.47		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.47		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.47		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.47		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.47		ug/Kg
78-93-3	2-Butanone	ND	2.47		ug/Kg
95-49-8	2-Chlorotoluene	ND	2.47		ug/Kg
591-78-6	2-Hexanone	ND	2.47		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.47		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.47		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.47		ug/Kg
67-64-1	Acetone	ND	12.3		ug/Kg
71-43-2	Benzene	ND	2.47		ug/Kg
108-86-1	Bromobenzene	ND	2.47		ug/Kg
74-97-5	Bromochloromethane	ND	2.47		ug/Kg
75-27-4	Bromodichloromethane	ND	2.47		ug/Kg
75-25-2	Bromoform	ND	2.47		ug/Kg
74-83-9	Bromomethane	ND	2.47		ug/Kg
75-15-0	Carbon disulfide	ND	2.47		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.47		ug/Kg
108-90-7	Chlorobenzene	ND	2.47		ug/Kg
75-00-3	Chloroethane	ND	2.47		ug/Kg
67-66-3	Chloroform	ND	2.47		ug/Kg
74-87-3	Chloromethane	ND	2.47		ug/Kg
124-48-1	Dibromochloromethane	ND	2.47		ug/Kg
74-95-3	Dibromomethane	ND	2.47		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.47		ug/Kg
100-41-4	Ethylbenzene	ND	2.47		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.47		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.47		ug/Kg
74-88-4	Methyl iodide	ND	2.47		ug/Kg
75-09-2	Methylene chloride	ND	4.94		ug/Kg
91-20-3	Naphthalene	ND	2.47		ug/Kg
100-42-5	Styrene	ND	2.47		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170825	**OT-0-2 AT 10**	Solid	01/14/2014 12:10	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/21/2014 18:54	JCK	523947

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	2.47		ug/Kg
108-88-3	Toluene	ND	2.47		ug/Kg
79-01-6	Trichloroethene	ND	2.47		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.47		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.47		ug/Kg
75-01-4	Vinyl chloride	ND	2.47		ug/Kg
1330-20-7	Xylene (total)	ND	4.94		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	2.47		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.47		ug/Kg
136777-61-2	m,p-Xylene	ND	2.47		ug/Kg
104-51-8	n-Butylbenzene	ND	2.47		ug/Kg
103-65-1	n-Propylbenzene	ND	2.47		ug/Kg
95-47-6	o-Xylene	ND	2.47		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.47		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.47		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.47		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.47		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.47		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.47		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	24.7	26.9	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	24.7	24.9	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	24.7	26.2	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	24.7	25.1	ug/Kg	102	62 - 125

EPA 9071B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
01/17/2014 14:30	523769	EPA 9071B	1	01/21/2014 09:30	AEL	523844

CAS#	Parameter	Result	RDL	REG LIMIT	Units
C-007	Oil and Grease	ND	500		mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170826	**UST-1 AT 5**	Solid	01/15/2014 15:00	01/17/2014 10:00

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 12:27	BMR	524066

CAS#	Parameter	Result	RDL	REG LIMIT	Units
8006-61-9	Gasoline Range Organics	ND	2500		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	751	561	ug/Kg	75	47 - 164

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170827	**UST-2 AT 2**	Solid	01/15/2014 15:05	01/17/2014 10:00

EPA 8015C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/22/2014 13:29	BMR	524066

CAS#	Parameter	Result	RDL	REG LIMIT	Units
8006-61-9	Gasoline Range Organics	ND	2020		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	605	448	ug/Kg	74	47 - 164

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170828	**TRIP BLANK**	Water	01/14/2014 00:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/18/2014 19:59	CLH	523813

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	ND	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	ND	5.00		ug/L
75-34-3	1,1-Dichloroethane	ND	5.00		ug/L
75-35-4	1,1-Dichloroethene	ND	5.00		ug/L
563-58-6	1,1-Dichloropropene	ND	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	ND	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	ND	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	ND	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.00		ug/L
106-93-4	1,2-Dibromoethane	ND	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	ND	5.00		ug/L
107-06-2	1,2-Dichloroethane	ND	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	ND	10.0		ug/L
78-87-5	1,2-Dichloropropane	ND	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	ND	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	ND	5.00		ug/L
142-28-9	1,3-Dichloropropane	ND	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	ND	5.00		ug/L
594-20-7	2,2-Dichloropropane	ND	5.00		ug/L
78-93-3	2-Butanone	ND	5.00		ug/L
95-49-8	2-Chlorotoluene	ND	5.00		ug/L
591-78-6	2-Hexanone	ND	5.00		ug/L
106-43-4	4-Chlorotoluene	ND	5.00		ug/L
99-87-6	4-Isopropyltoluene	ND	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	ND	5.00		ug/L
67-64-1	Acetone	ND	5.00		ug/L
71-43-2	Benzene	ND	5.00		ug/L
108-86-1	Bromobenzene	ND	5.00		ug/L
74-97-5	Bromochloromethane	ND	5.00		ug/L
75-27-4	Bromodichloromethane	ND	5.00		ug/L
75-25-2	Bromoform	ND	5.00		ug/L
74-83-9	Bromomethane	ND	5.00		ug/L
75-15-0	Carbon disulfide	ND	5.00		ug/L
56-23-5	Carbon tetrachloride	ND	5.00		ug/L
108-90-7	Chlorobenzene	ND	5.00		ug/L
75-00-3	Chloroethane	ND	5.00		ug/L
67-66-3	Chloroform	ND	5.00		ug/L
74-87-3	Chloromethane	ND	5.00		ug/L
124-48-1	Dibromochloromethane	ND	5.00		ug/L
74-95-3	Dibromomethane	ND	5.00		ug/L
75-71-8	Dichlorodifluoromethane	ND	5.00		ug/L
100-41-4	Ethylbenzene	ND	5.00		ug/L
87-68-3	Hexachlorobutadiene	ND	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	ND	5.00		ug/L
74-88-4	Methyl iodide	ND	5.00		ug/L
75-09-2	Methylene chloride	ND	5.00		ug/L
91-20-3	Naphthalene	ND	5.00		ug/L
100-42-5	Styrene	ND	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401170828	**TRIP BLANK**	Water	01/14/2014 00:00	01/17/2014 10:00

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/18/2014 19:59	CLH	523813

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	5.00		ug/L
108-88-3	Toluene	ND	5.00		ug/L
79-01-6	Trichloroethene	ND	5.00		ug/L
75-69-4	Trichlorofluoromethane	ND	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	ND	5.00		ug/L
75-01-4	Vinyl chloride	ND	5.00		ug/L
1330-20-7	Xylene (total)	ND	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	ND	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	ND	5.00		ug/L
136777-61-2	m,p-Xylene	ND	10.0		ug/L
104-51-8	n-Butylbenzene	ND	5.00		ug/L
103-65-1	n-Propylbenzene	ND	5.00		ug/L
95-47-6	o-Xylene	ND	5.00		ug/L
135-98-8	sec-Butylbenzene	ND	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5.00		ug/L
98-06-6	tert-Butylbenzene	ND	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	ND	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	ND	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.5	ug/L	105	78 - 130
1868-53-7	Dibromofluoromethane	50	50.2	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	52.2	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48	ug/L	96	71 - 127

GC/MS Volatiles Quality Control Summary

Analytical Batch 523813	**Client ID**	MB523813	LCS523813	LCSD523813
Prep Batch N/A	**GCAL ID**	1274572	1274573	1274574
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	01/18/2014 14:18	01/18/2014 12:32	01/18/2014 12:53
	Matrix	Water	Water	Water

EPA 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	5.00	50.0	55.3	111	44 - 156	57.8	116	4	30
74-97-5	Bromochloromethane	ND	5.00	50.0	50.6	101	76 - 130	53.2	106	5	30
75-27-4	Bromodichloromethane	ND	5.00	50.0	50.1	100	74 - 125	52.0	104	4	30
75-25-2	Bromoform	ND	5.00	50.0	48.1	96	64 - 122	50.1	100	4	30
74-83-9	Bromomethane	ND	5.00	50.0	42.6	85	47 - 138	48.7	97	13	30
75-15-0	Carbon disulfide	ND	5.00	50.0	52.4	105	69 - 136	51.4	103	2	30
56-23-5	Carbon tetrachloride	ND	5.00	50.0	50.9	102	76 - 128	49.7	99	2	30
75-00-3	Chloroethane	ND	5.00	50.0	50.8	102	62 - 141	54.1	108	6	30
136777-61-2	m,p-Xylene	ND	10.0	100	99.7	100	74 - 126	99.6	100	0	30
67-66-3	Chloroform	ND	5.00	50.0	49.8	100	75 - 122	50.1	100	1	30
74-87-3	Chloromethane	ND	5.00	50.0	55.1	110	59 - 132	55.1	110	0	30
124-48-1	Dibromochloromethane	ND	5.00	50.0	50.5	101	71 - 123	52.6	105	4	30
74-95-3	Dibromomethane	ND	5.00	50.0	52.1	104	72 - 129	54.7	109	5	30
75-71-8	Dichlorodifluoromethane	ND	5.00	50.0	59.7	119	58 - 140	58.5	117	2	30
75-34-3	1,1-Dichloroethane	ND	5.00	50.0	49.9	100	74 - 127	50.9	102	2	30
107-06-2	1,2-Dichloroethane	ND	5.00	50.0	48.8	98	71 - 129	51.2	102	5	30
156-59-2	cis-1,2-Dichloroethene	ND	5.00	50.0	51.4	103	73 - 130	51.8	104	1	30
156-60-5	trans-1,2-Dichloroethene	ND	5.00	50.0	52.8	106	69 - 132	52.8	106	0	30
75-09-2	Methylene chloride	ND	5.00	50.0	46.3	93	68 - 132	47.8	96	3	30
78-87-5	1,2-Dichloropropane	ND	5.00	50.0	52.5	105	72 - 128	52.9	106	1	30
10061-01-5	cis-1,3-Dichloropropene	ND	5.00	50.0	48.6	97	71 - 132	48.9	98	1	30
10061-02-6	trans-1,3-Dichloropropene	ND	5.00	50.0	46.0	92	71 - 131	48.0	96	4	30
100-41-4	Ethylbenzene	ND	5.00	50.0	52.7	105	74 - 126	52.9	106	0	30
591-78-6	2-Hexanone	ND	5.00	50.0	50.9	102	50 - 135	54.3	109	6	30
98-82-8	Isopropylbenzene (Cumene)	ND	5.00	50.0	50.7	101	71 - 125	50.6	101	0	30
78-93-3	2-Butanone	ND	5.00	50.0	57.0	114	58 - 137	62.6	125	9	30
74-88-4	Methyl iodide	ND	5.00	50.0	44.0	88	57 - 141	48.6	97	10	30
108-10-1	4-Methyl-2-pentanone	ND	5.00	50.0	53.3	107	57 - 132	55.9	112	5	30
103-65-1	n-Propylbenzene	ND	5.00	50.0	52.1	104	75 - 129	51.9	104	0	30
100-42-5	Styrene	ND	5.00	50.0	49.1	98	71 - 127	50.0	100	2	30
127-18-4	Tetrachloroethene	ND	5.00	50.0	53.1	106	68 - 128	52.1	104	2	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.00	50.0	50.7	101	75 - 124	52.6	105	4	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.00	50.0	50.9	102	70 - 122	53.3	107	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	523813	**Client ID**	MB523813			LCS523813			LCSD523813		
Prep Batch	N/A	**GCAL ID**	1274572			1274573			1274574		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/18/2014 14:18			01/18/2014 12:32			01/18/2014 12:53		
		Matrix	Water			Water			Water		
EPA 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
120-82-1	1,2,4-Trichlorobenzene		ND	5.00	50.0	45.0	90	61 - 135	47.5	95	5	30
71-55-6	1,1,1-Trichloroethane		ND	5.00	50.0	51.0	102	76 - 126	50.6	101	1	30
79-00-5	1,1,2-Trichloroethane		ND	5.00	50.0	50.6	101	72 - 121	53.5	107	6	30
75-69-4	Trichlorofluoromethane		ND	5.00	50.0	50.8	102	72 - 136	50.0	100	2	30
96-18-4	1,2,3-Trichloropropane		ND	5.00	50.0	49.6	99	70 - 120	52.2	104	5	30
95-63-6	1,2,4-Trimethylbenzene		ND	5.00	50.0	51.6	103	74 - 125	52.3	105	1	30
108-67-8	1,3,5-Trimethylbenzene		ND	5.00	50.0	52.7	105	71 - 132	52.4	105	1	30
75-01-4	Vinyl chloride		ND	5.00	50.0	51.6	103	68 - 132	52.0	104	1	30
95-47-6	o-Xylene		ND	5.00	50.0	49.9	100	73 - 130	50.8	102	2	30
96-12-8	1,2-Dibromo-3-chloropropane		ND	5.00	50.0	47.1	94	57 - 121	50.4	101	7	30
106-93-4	1,2-Dibromoethane		ND	5.00	50.0	51.3	103	70 - 124	54.1	108	5	30
1634-04-4	tert-Butyl methyl ether (MTBE)		ND	5.00	50.0	52.1	104	71 - 125	54.4	109	4	30
540-59-0	1,2-Dichloroethene(Total)		ND	10.0	100	104	104	74 - 128	105	105	1	30
99-87-6	4-Isopropyltoluene		ND	5.00	50.0	50.3	101	71 - 129	49.5	99	2	30
1330-20-7	Xylene (total)		ND	15.0	150	150	100	74 - 127	150	100	0	30
110-57-6	trans-1,4-Dichloro-2-butene		ND	5.00	50.0	48.0	96	56 - 132	51.2	102	6	30
594-20-7	2,2-Dichloropropane		ND	5.00	50.0	52.8	106	77 - 124	52.1	104	1	30
76-13-1	Trichlorotrifluoroethane		ND	5.00	50.0	54.3	109	72 - 136	52.7	105	3	30
563-58-6	1,1-Dichloropropene		ND	5.00	50.0	52.7	105	72 - 131	52.9	106	0	30
142-28-9	1,3-Dichloropropane		ND	5.00	50.0	51.7	103	74 - 122	53.9	108	4	30
108-86-1	Bromobenzene		ND	5.00	50.0	48.8	98	71 - 120	50.4	101	3	30
95-49-8	2-Chlorotoluene		ND	5.00	50.0	50.8	102	72 - 127	51.4	103	1	30
106-43-4	4-Chlorotoluene		ND	5.00	50.0	51.6	103	75 - 126	52.0	104	1	30
98-06-6	tert-Butylbenzene		ND	5.00	50.0	52.5	105	72 - 126	52.8	106	1	30
135-98-8	sec-Butylbenzene		ND	5.00	50.0	54.0	108	70 - 136	53.4	107	1	30
541-73-1	1,3-Dichlorobenzene		ND	5.00	50.0	51.0	102	74 - 126	51.4	103	1	30
106-46-7	1,4-Dichlorobenzene		ND	5.00	50.0	48.6	97	72 - 122	50.1	100	3	30
104-51-8	n-Butylbenzene		ND	5.00	50.0	55.0	110	69 - 134	53.9	108	2	30
95-50-1	1,2-Dichlorobenzene		ND	5.00	50.0	50.8	102	71 - 126	52.7	105	4	30
87-68-3	Hexachlorobutadiene		ND	5.00	50.0	52.1	104	61 - 144	51.0	102	2	30
91-20-3	Naphthalene		ND	5.00	50.0	43.7	87	57 - 138	49.2	98	12	35
75-35-4	1,1-Dichloroethene		ND	5.00	50.0	51.8	104	69 - 129	49.3	99	5	20
71-43-2	Benzene		ND	5.00	50.0	52.7	105	70 - 129	53.1	106	1	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	523813	**Client ID**	MB523813			LCS523813			LCSD523813		
Prep Batch	N/A	**GCAL ID**	1274572			1274573			1274574		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/18/2014 14:18			01/18/2014 12:32			01/18/2014 12:53		
		Matrix	Water			Water			Water		
EPA 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
79-01-6	Trichloroethene		ND	5.00	50.0	52.8	106	76 - 129	52.4	105	1	20
108-88-3	Toluene		ND	5.00	50.0	50.8	102	72 - 120	51.0	102	0	20
108-90-7	Chlorobenzene		ND	5.00	50.0	50.3	101	74 - 123	51.2	102	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		50.3	101	50	50.6	101	78 - 130	51.3	103		
1868-53-7	Dibromofluoromethane		49.3	99	50	48.6	97	77 - 127	48.3	97		
2037-26-5	Toluene d8		52.1	104	50	49.6	99	76 - 134	49.5	99		
17060-07-0	1,2-Dichloroethane-d4		47.4	95	50	48.6	97	71 - 127	48.7	97		

Analytical Batch	523919	**Client ID**	MB523919			LCS523919			LCSD523919		
Prep Batch	N/A	**GCAL ID**	1275014			1275015			1275016		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/20/2014 16:12			01/20/2014 14:30			01/20/2014 14:51		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	25.0	50.0	44.0	88	38 - 152	53.5	107	19	30
74-97-5	Bromochloromethane		ND	5.00	50.0	44.7	89	73 - 127	48.4	97	8	30
75-27-4	Bromodichloromethane		ND	5.00	50.0	46.9	94	74 - 126	49.5	99	5	30
75-25-2	Bromoform		ND	5.00	50.0	44.9	90	67 - 122	50.0	100	11	30
74-83-9	Bromomethane		ND	5.00	50.0	61.3	123	48 - 139	60.4	121	1	30
75-15-0	Carbon disulfide		ND	5.00	50.0	46.6	93	68 - 133	48.4	97	4	30
56-23-5	Carbon tetrachloride		ND	5.00	50.0	48.1	96	71 - 133	49.7	99	3	30
75-00-3	Chloroethane		ND	5.00	50.0	45.7	91	57 - 144	47.0	94	3	30
136777-61-2	m,p-Xylene		ND	5.00	100	99.7	100	72 - 128	105	105	5	30
67-66-3	Chloroform		ND	5.00	50.0	46.1	92	74 - 124	47.9	96	4	30
74-87-3	Chloromethane		ND	5.00	50.0	52.0	104	61 - 130	53.3	107	2	30
124-48-1	Dibromochloromethane		ND	5.00	50.0	46.0	92	74 - 122	50.4	101	9	30
74-95-3	Dibromomethane		ND	5.00	50.0	44.7	89	72 - 125	49.3	99	10	30
75-71-8	Dichlorodifluoromethane		ND	5.00	50.0	49.2	98	59 - 138	48.7	97	1	30
75-34-3	1,1-Dichloroethane		ND	5.00	50.0	48.0	96	71 - 126	50.7	101	5	30
107-06-2	1,2-Dichloroethane		ND	5.00	50.0	45.7	91	68 - 126	48.8	98	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	523919	**Client ID**	MB523919			LCS523919			LCSD523919		
Prep Batch	N/A	**GCAL ID**	1275014			1275015			1275016		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/20/2014 16:12			01/20/2014 14:30			01/20/2014 14:51		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-59-2	cis-1,2-Dichloroethene	ND	5.00	50.0	50.4	101	72 - 130	52.2	104	4	30
156-60-5	trans-1,2-Dichloroethene	ND	5.00	50.0	48.6	97	67 - 134	51.1	102	5	30
75-09-2	Methylene chloride	ND	10.0	50.0	47.0	94	66 - 130	50.3	101	7	30
78-87-5	1,2-Dichloropropane	ND	5.00	50.0	48.1	96	72 - 129	50.9	102	6	30
10061-01-5	cis-1,3-Dichloropropene	ND	5.00	50.0	50.8	102	72 - 129	54.5	109	7	30
10061-02-6	trans-1,3-Dichloropropene	ND	5.00	50.0	48.3	97	72 - 126	53.1	106	9	30
100-41-4	Ethylbenzene	ND	5.00	50.0	47.5	95	74 - 130	49.1	98	3	30
591-78-6	2-Hexanone	ND	5.00	50.0	46.5	93	47 - 137	55.4	111	17	30
98-82-8	Isopropylbenzene (Cumene)	ND	5.00	50.0	52.7	105	74 - 125	54.8	110	4	30
78-93-3	2-Butanone	ND	5.00	50.0	43.4	87	47 - 142	51.1	102	16	30
74-88-4	Methyl iodide	ND	5.00	50.0	46.8	94	54 - 140	48.7	97	4	30
108-10-1	4-Methyl-2-pentanone	ND	5.00	50.0	40.7	81	52 - 136	47.4	95	15	30
103-65-1	n-Propylbenzene	ND	5.00	50.0	50.1	100	73 - 137	52.0	104	4	30
100-42-5	Styrene	ND	5.00	50.0	52.1	104	72 - 128	54.8	110	5	30
127-18-4	Tetrachloroethene	ND	5.00	50.0	50.1	100	70 - 127	52.3	105	4	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.00	50.0	48.3	97	77 - 122	51.0	102	5	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.00	50.0	45.9	92	66 - 129	50.8	102	10	30
120-82-1	1,2,4-Trichlorobenzene	ND	5.00	50.0	53.8	108	64 - 135	57.2	114	6	30
71-55-6	1,1,1-Trichloroethane	ND	5.00	50.0	48.7	97	70 - 130	50.3	101	3	30
79-00-5	1,1,2-Trichloroethane	ND	5.00	50.0	44.7	89	74 - 120	49.8	100	11	30
75-69-4	Trichlorofluoromethane	ND	5.00	50.0	45.7	91	64 - 141	47.9	96	5	30
96-18-4	1,2,3-Trichloropropane	ND	5.00	50.0	43.8	88	63 - 132	50.4	101	14	30
95-63-6	1,2,4-Trimethylbenzene	ND	5.00	50.0	52.1	104	75 - 130	54.0	108	4	30
108-67-8	1,3,5-Trimethylbenzene	ND	5.00	50.0	52.1	104	74 - 136	53.1	106	2	30
75-01-4	Vinyl chloride	ND	5.00	50.0	51.3	103	67 - 131	52.5	105	2	30
95-47-6	o-Xylene	ND	5.00	50.0	51.1	102	69 - 133	54.3	109	6	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.00	50.0	45.1	90	60 - 123	52.6	105	15	30
106-93-4	1,2-Dibromoethane	ND	5.00	50.0	45.8	92	74 - 122	50.5	101	10	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5.00	50.0	47.5	95	69 - 126	51.9	104	9	30
540-59-0	1,2-Dichloroethene(Total)	ND	10.0	100	99.1	99	72 - 129	103	103	4	30
99-87-6	4-Isopropyltoluene	ND	5.00	50.0	53.8	108	71 - 136	54.8	110	2	30
1330-20-7	Xylene (total)	ND	10.0	150	151	101	71 - 129	160	107	6	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.00	50.0	45.3	91	44 - 146	51.9	104	14	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	523919	**Client ID**	MB523919			LCS523919			LCSD523919		
Prep Batch	N/A	**GCAL ID**	1275014			1275015			1275016		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/20/2014 16:12			01/20/2014 14:30			01/20/2014 14:51		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
594-20-7	2,2-Dichloropropane		ND	5.00	50.0	51.5	103	74 - 129	53.1	106	3	30
76-13-1	Trichlorotrifluoroethane		ND	5.00	50.0	47.3	95	66 - 139	49.1	98	4	30
563-58-6	1,1-Dichloropropene		ND	5.00	50.0	51.3	103	70 - 138	53.2	106	4	30
142-28-9	1,3-Dichloropropane		ND	5.00	50.0	46.4	93	77 - 121	50.9	102	9	30
108-86-1	Bromobenzene		ND	5.00	50.0	47.9	96	73 - 124	50.6	101	5	30
95-49-8	2-Chlorotoluene		ND	5.00	50.0	50.6	101	75 - 132	52.6	105	4	30
106-43-4	4-Chlorotoluene		ND	5.00	50.0	50.7	101	74 - 133	53.5	107	5	30
98-06-6	tert-Butylbenzene		ND	5.00	50.0	52.0	104	72 - 136	54.3	109	4	30
135-98-8	sec-Butylbenzene		ND	5.00	50.0	52.0	104	72 - 141	53.3	107	2	30
541-73-1	1,3-Dichlorobenzene		ND	5.00	50.0	49.4	99	77 - 127	51.2	102	4	30
106-46-7	1,4-Dichlorobenzene		ND	5.00	50.0	48.8	98	74 - 123	50.5	101	3	30
104-51-8	n-Butylbenzene		ND	5.00	50.0	53.4	107	68 - 144	54.9	110	3	30
95-50-1	1,2-Dichlorobenzene		ND	5.00	50.0	48.3	97	76 - 125	52.2	104	8	30
87-68-3	Hexachlorobutadiene		ND	5.00	50.0	51.2	102	71 - 140	52.5	105	3	30
91-20-3	Naphthalene		ND	5.00	50.0	45.0	90	54 - 132	50.9	102	12	35
75-35-4	1,1-Dichloroethene		ND	5.00	50.0	47.1	94	68 - 129	49.2	98	4	20
71-43-2	Benzene		ND	5.00	50.0	48.8	98	73 - 128	50.9	102	4	20
79-01-6	Trichloroethene		ND	5.00	50.0	46.4	93	78 - 127	49.1	98	6	20
108-88-3	Toluene		ND	5.00	50.0	47.6	95	74 - 121	50.1	100	5	20
108-90-7	Chlorobenzene		ND	5.00	50.0	47.6	95	75 - 121	50.2	100	5	20
Surrogate												
460-00-4	4-Bromofluorobenzene		51.6	103	50	50	100	62 - 127	49.6	99		
1868-53-7	Dibromofluoromethane		49.9	100	50	49.3	99	65 - 130	49.9	100		
2037-26-5	Toluene d8		53.3	107	50	50.3	101	71 - 132	50.6	101		
17060-07-0	1,2-Dichloroethane-d4		49.1	98	50	48.7	97	62 - 125	49.3	99		

GC/MS Volatiles Quality Control Summary

Analytical Batch	523947	**Client ID**	MB523947		LCS523947			LCSD523947			
Prep Batch	N/A	**GCAL ID**	1275149		1275150			1275151			
		Sample Type	Method Blank		LCS			LCSD			
		Analytical Date	01/21/2014 12:36		01/21/2014 10:30			01/21/2014 10:53			
		Matrix	Solid		Solid			Solid			
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	25.0	50.0	52.7	105	38 - 152	51.6	103	2	30
74-97-5	Bromochloromethane	ND	5.00	50.0	45.7	91	73 - 127	45.1	90	1	30
75-27-4	Bromodichloromethane	ND	5.00	50.0	45.4	91	74 - 126	46.3	93	2	30
75-25-2	Bromoform	ND	5.00	50.0	48.8	98	67 - 122	48.7	97	0	30
74-83-9	Bromomethane	ND	5.00	50.0	52.8	106	48 - 139	55.1	110	4	30
75-15-0	Carbon disulfide	ND	5.00	50.0	45.3	91	68 - 133	44.6	89	2	30
56-23-5	Carbon tetrachloride	ND	5.00	50.0	44.7	89	71 - 133	44.2	88	1	30
75-00-3	Chloroethane	ND	5.00	50.0	44.7	89	57 - 144	43.9	88	2	30
136777-61-2	m,p-Xylene	ND	5.00	100	97.6	98	72 - 128	96.4	96	1	30
67-66-3	Chloroform	ND	5.00	50.0	44.0	88	74 - 124	44.4	89	1	30
74-87-3	Chloromethane	ND	5.00	50.0	47.8	96	61 - 130	46.1	92	4	30
124-48-1	Dibromochloromethane	ND	5.00	50.0	47.3	95	74 - 122	47.8	96	1	30
74-95-3	Dibromomethane	ND	5.00	50.0	46.8	94	72 - 125	47.1	94	1	30
75-71-8	Dichlorodifluoromethane	ND	5.00	50.0	44.1	88	59 - 138	43.4	87	2	30
75-34-3	1,1-Dichloroethane	ND	5.00	50.0	45.0	90	71 - 126	45.2	90	0	30
107-06-2	1,2-Dichloroethane	ND	5.00	50.0	45.0	90	68 - 126	45.5	91	1	30
156-59-2	cis-1,2-Dichloroethene	ND	5.00	50.0	47.1	94	72 - 130	47.3	95	0	30
156-60-5	trans-1,2-Dichloroethene	ND	5.00	50.0	45.6	91	67 - 134	45.5	91	0	30
75-09-2	Methylene chloride	ND	10.0	50.0	50.3	101	66 - 130	52.0	104	3	30
78-87-5	1,2-Dichloropropane	ND	5.00	50.0	46.1	92	72 - 129	46.6	93	1	30
10061-01-5	cis-1,3-Dichloropropene	ND	5.00	50.0	49.9	100	72 - 129	51.2	102	3	30
10061-02-6	trans-1,3-Dichloropropene	ND	5.00	50.0	48.9	98	72 - 126	49.9	100	2	30
100-41-4	Ethylbenzene	ND	5.00	50.0	45.9	92	74 - 130	45.9	92	0	30
591-78-6	2-Hexanone	ND	5.00	50.0	53.6	107	47 - 137	53.5	107	0	30
98-82-8	Isopropylbenzene (Cumene)	ND	5.00	50.0	50.5	101	74 - 125	49.9	100	1	30
78-93-3	2-Butanone	ND	5.00	50.0	50.4	101	47 - 142	49.4	99	2	30
74-88-4	Methyl iodide	ND	5.00	50.0	47.0	94	54 - 140	47.6	95	1	30
108-10-1	4-Methyl-2-pentanone	ND	5.00	50.0	45.1	90	52 - 136	44.4	89	2	30
103-65-1	n-Propylbenzene	ND	5.00	50.0	45.7	91	73 - 137	45.5	91	0	30
100-42-5	Styrene	ND	5.00	50.0	50.5	101	72 - 128	51.2	102	1	30
127-18-4	Tetrachloroethene	ND	5.00	50.0	48.5	97	70 - 127	47.8	96	1	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.00	50.0	47.5	95	77 - 122	47.9	96	1	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.00	50.0	47.3	95	66 - 129	46.1	92	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	523947	**Client ID**	MB523947			LCS523947			LCSD523947		
Prep Batch	N/A	**GCAL ID**	1275149			1275150			1275151		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/21/2014 12:36			01/21/2014 10:30			01/21/2014 10:53		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	5.00	50.0	50.4	101	64 - 135	51.4	103	2	30
71-55-6	1,1,1-Trichloroethane	ND	5.00	50.0	45.7	91	70 - 130	45.4	91	1	30
79-00-5	1,1,2-Trichloroethane	ND	5.00	50.0	46.1	92	74 - 120	47.5	95	3	30
75-69-4	Trichlorofluoromethane	ND	5.00	50.0	44.7	89	64 - 141	43.4	87	3	30
96-18-4	1,2,3-Trichloropropane	ND	5.00	50.0	46.2	92	63 - 132	45.1	90	2	30
95-63-6	1,2,4-Trimethylbenzene	ND	5.00	50.0	48.0	96	75 - 130	48.4	97	1	30
108-67-8	1,3,5-Trimethylbenzene	ND	5.00	50.0	47.5	95	74 - 136	47.7	95	0	30
75-01-4	Vinyl chloride	ND	5.00	50.0	48.5	97	67 - 131	48.0	96	1	30
95-47-6	o-Xylene	ND	5.00	50.0	49.8	100	69 - 133	50.1	100	1	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.00	50.0	50.8	102	60 - 123	49.6	99	2	30
106-93-4	1,2-Dibromoethane	ND	5.00	50.0	48.0	96	74 - 122	48.6	97	1	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5.00	50.0	48.2	96	69 - 126	49.2	98	2	30
540-59-0	1,2-Dichloroethene(Total)	ND	10.0	100	92.6	93	72 - 129	92.7	93	0	30
99-87-6	4-Isopropyltoluene	ND	5.00	50.0	48.8	98	71 - 136	49.0	98	0	30
1330-20-7	Xylene (total)	ND	10.0	150	147	98	71 - 129	147	98	0	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.00	50.0	47.5	95	44 - 146	47.2	94	1	30
594-20-7	2,2-Dichloropropane	ND	5.00	50.0	47.6	95	74 - 129	47.3	95	1	30
76-13-1	Trichlorotrifluoroethane	ND	5.00	50.0	46.3	93	66 - 139	45.0	90	3	30
563-58-6	1,1-Dichloropropene	ND	5.00	50.0	47.0	94	70 - 138	46.7	93	1	30
142-28-9	1,3-Dichloropropane	ND	5.00	50.0	47.8	96	77 - 121	47.6	95	0	30
108-86-1	Bromobenzene	ND	5.00	50.0	44.4	89	73 - 124	45.0	90	1	30
95-49-8	2-Chlorotoluene	ND	5.00	50.0	47.0	94	75 - 132	46.5	93	1	30
106-43-4	4-Chlorotoluene	ND	5.00	50.0	47.8	96	74 - 133	47.9	96	0	30
98-06-6	tert-Butylbenzene	ND	5.00	50.0	48.0	96	72 - 136	48.3	97	1	30
135-98-8	sec-Butylbenzene	ND	5.00	50.0	47.7	95	72 - 141	47.3	95	1	30
541-73-1	1,3-Dichlorobenzene	ND	5.00	50.0	46.6	93	77 - 127	46.9	94	1	30
106-46-7	1,4-Dichlorobenzene	ND	5.00	50.0	46.0	92	74 - 123	46.1	92	0	30
104-51-8	n-Butylbenzene	ND	5.00	50.0	48.7	97	68 - 144	48.3	97	1	30
95-50-1	1,2-Dichlorobenzene	ND	5.00	50.0	47.0	94	76 - 125	47.6	95	1	30
87-68-3	Hexachlorobutadiene	ND	5.00	50.0	47.6	95	71 - 140	48.1	96	1	30
91-20-3	Naphthalene	ND	5.00	50.0	47.2	94	54 - 132	47.8	96	1	35
75-35-4	1,1-Dichloroethene	ND	5.00	50.0	46.4	93	68 - 129	45.2	90	3	20
71-43-2	Benzene	ND	5.00	50.0	46.4	93	73 - 128	46.4	93	0	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	523947	**Client ID**	MB523947			LCS523947			LCSD523947		
Prep Batch	N/A	**GCAL ID**	1275149			1275150			1275151		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/21/2014 12:36			01/21/2014 10:30			01/21/2014 10:53		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
79-01-6	Trichloroethene		ND	5.00	50.0	45.1	90	78 - 127	45.1	90	0	20
108-88-3	Toluene		ND	5.00	50.0	46.2	92	74 - 121	45.8	92	1	20
108-90-7	Chlorobenzene		ND	5.00	50.0	46.3	93	75 - 121	47.2	94	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		52.3	105	50	51.5	103	62 - 127	51.4	103		
1868-53-7	Dibromofluoromethane		51.3	103	50	49.2	98	65 - 130	49.6	99		
2037-26-5	Toluene d8		54.1	108	50	49.5	99	71 - 132	50.4	101		
17060-07-0	1,2-Dichloroethane-d4		50.5	101	50	49.3	99	62 - 125	48.9	98		

Analytical Batch	524047	**Client ID**	MB524047			LCS524047			LCSD524047		
Prep Batch	N/A	**GCAL ID**	1275866			1275867			1275868		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/22/2014 08:42			01/22/2014 07:22			01/22/2014 07:42		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	1250	2500	2210	88	38 - 152	2410	96	9	30
74-97-5	Bromochloromethane		ND	250	2500	2620	105	73 - 127	2620	105	0	30
75-27-4	Bromodichloromethane		ND	250	2500	2560	102	74 - 126	2710	108	6	30
75-25-2	Bromoform		ND	250	2500	2310	92	67 - 122	2440	98	5	30
74-83-9	Bromomethane		ND	250	2500	2300	92	48 - 139	2480	99	8	30
75-15-0	Carbon disulfide		ND	250	2500	2660	106	68 - 133	2590	104	3	30
56-23-5	Carbon tetrachloride		ND	250	2500	2600	104	71 - 133	2630	105	1	30
75-00-3	Chloroethane		ND	250	2500	2690	108	57 - 144	2710	108	1	30
136777-61-2	m,p-Xylene		ND	250	5000	5430	109	72 - 128	5510	110	1	30
67-66-3	Chloroform		ND	250	2500	2550	102	74 - 124	2610	104	2	30
74-87-3	Chloromethane		ND	250	2500	2470	99	61 - 130	2560	102	4	30
124-48-1	Dibromochloromethane		ND	250	2500	2700	108	74 - 122	2810	112	4	30
74-95-3	Dibromomethane		ND	250	2500	2690	108	72 - 125	2780	111	3	30
75-71-8	Dichlorodifluoromethane		ND	250	2500	2480	99	59 - 138	2490	100	0	30
75-34-3	1,1-Dichloroethane		ND	250	2500	2600	104	71 - 126	2690	108	3	30
107-06-2	1,2-Dichloroethane		ND	250	2500	2440	98	68 - 126	2540	102	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524047	**Client ID**	MB524047			LCS524047			LCSD524047		
Prep Batch	N/A	**GCAL ID**	1275866			1275867			1275868		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/22/2014 08:42			01/22/2014 07:22			01/22/2014 07:42		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
156-59-2	cis-1,2-Dichloroethene		ND	250	2500	2670	107	72 - 130	2750	110	3	30
156-60-5	trans-1,2-Dichloroethene		ND	250	2500	2700	108	67 - 134	2680	107	1	30
75-09-2	Methylene chloride		ND	500	2500	2440	98	66 - 130	2510	100	3	30
78-87-5	1,2-Dichloropropane		ND	250	2500	2620	105	72 - 129	2670	107	2	30
10061-01-5	cis-1,3-Dichloropropene		ND	250	2500	2640	106	72 - 129	2760	110	4	30
10061-02-6	trans-1,3-Dichloropropene		ND	250	2500	2690	108	72 - 126	2820	113	5	30
100-41-4	Ethylbenzene		ND	250	2500	2690	108	74 - 130	2730	109	1	30
591-78-6	2-Hexanone		ND	250	2500	2380	95	47 - 137	2620	105	10	30
98-82-8	Isopropylbenzene (Cumene)		ND	250	2500	2790	112	74 - 125	2740	110	2	30
78-93-3	2-Butanone		ND	250	2500	2170	87	47 - 142	2460	98	13	30
74-88-4	Methyl iodide		ND	250	2500	2690	108	54 - 140	2790	112	4	30
108-10-1	4-Methyl-2-pentanone		ND	250	2500	2410	96	52 - 136	2630	105	9	30
103-65-1	n-Propylbenzene		ND	250	2500	2740	110	73 - 137	2680	107	2	30
100-42-5	Styrene		ND	250	2500	2770	111	72 - 128	2890	116	4	30
127-18-4	Tetrachloroethene		ND	250	2500	2740	110	70 - 127	2820	113	3	30
630-20-6	1,1,1,2-Tetrachloroethane		ND	250	2500	2620	105	77 - 122	2730	109	4	30
79-34-5	1,1,2,2-Tetrachloroethane		ND	250	2500	2350	94	66 - 129	2530	101	7	30
120-82-1	1,2,4-Trichlorobenzene		ND	250	2500	2780	111	64 - 135	2710	108	3	30
71-55-6	1,1,1-Trichloroethane		ND	250	2500	2630	105	70 - 130	2690	108	2	30
79-00-5	1,1,2-Trichloroethane		ND	250	2500	2590	104	74 - 120	2710	108	5	30
75-69-4	Trichlorofluoromethane		ND	250	2500	2540	102	64 - 141	2560	102	1	30
96-18-4	1,2,3-Trichloropropane		ND	250	2500	2410	96	63 - 132	2460	98	2	30
95-63-6	1,2,4-Trimethylbenzene		ND	250	2500	2820	113	75 - 130	2790	112	1	30
108-67-8	1,3,5-Trimethylbenzene		ND	250	2500	2860	114	74 - 136	2780	111	3	30
75-01-4	Vinyl chloride		ND	250	2500	2550	102	67 - 131	2570	103	1	30
95-47-6	o-Xylene		ND	250	2500	2780	111	69 - 133	2810	112	1	30
96-12-8	1,2-Dibromo-3-chloropropane		ND	250	2500	2320	93	60 - 123	2520	101	8	30
106-93-4	1,2-Dibromoethane		ND	250	2500	2590	104	74 - 122	2730	109	5	30
1634-04-4	tert-Butyl methyl ether (MTBE)		ND	250	2500	2660	106	69 - 126	2820	113	6	30
540-59-0	1,2-Dichloroethene(Total)		ND	500	5000	5370	107	72 - 129	5430	109	1	30
99-87-6	4-Isopropyltoluene		ND	250	2500	2910	116	71 - 136	2790	112	4	30
1330-20-7	Xylene (total)		ND	500	7500	8220	110	71 - 129	8320	111	1	30
110-57-6	trans-1,4-Dichloro-2-butene		ND	250	2500	2440	98	44 - 146	2620	105	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524047	**Client ID**	MB524047			LCS524047			LCSD524047		
Prep Batch	N/A	**GCAL ID**	1275866			1275867			1275868		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/22/2014 08:42			01/22/2014 07:22			01/22/2014 07:42		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
594-20-7	2,2-Dichloropropane		ND	250	2500	2780	111	74 - 129	2810	112	1	30
76-13-1	Trichlorotrifluoroethane		ND	250	2500	2630	105	66 - 139	2640	106	0	30
563-58-6	1,1-Dichloropropene		ND	250	2500	2650	106	70 - 138	2710	108	2	30
142-28-9	1,3-Dichloropropane		ND	250	2500	2490	100	77 - 121	2630	105	5	30
108-86-1	Bromobenzene		ND	250	2500	2550	102	73 - 124	2620	105	3	30
95-49-8	2-Chlorotoluene		ND	250	2500	2680	107	75 - 132	2660	106	1	30
106-43-4	4-Chlorotoluene		ND	250	2500	2670	107	74 - 133	2690	108	1	30
98-06-6	tert-Butylbenzene		ND	250	2500	2790	112	72 - 136	2710	108	3	30
135-98-8	sec-Butylbenzene		ND	250	2500	2840	114	72 - 141	2720	109	4	30
541-73-1	1,3-Dichlorobenzene		ND	250	2500	2610	104	77 - 127	2580	103	1	30
106-46-7	1,4-Dichlorobenzene		ND	250	2500	2590	104	74 - 123	2630	105	2	30
104-51-8	n-Butylbenzene		ND	250	2500	2920	117	68 - 144	2760	110	6	30
95-50-1	1,2-Dichlorobenzene		ND	250	2500	2610	104	76 - 125	2630	105	1	30
87-68-3	Hexachlorobutadiene		ND	250	2500	3120	125	71 - 140	2950	118	6	30
91-20-3	Naphthalene		ND	250	2500	2670	107	54 - 132	2780	111	4	35
75-35-4	1,1-Dichloroethene		ND	250	2500	2620	105	68 - 129	2620	105	0	20
71-43-2	Benzene		ND	250	2500	2580	103	73 - 128	2620	105	2	20
79-01-6	Trichloroethene		ND	250	2500	2570	103	78 - 127	2620	105	2	20
108-88-3	Toluene		ND	250	2500	2560	102	74 - 121	2610	104	2	20
108-90-7	Chlorobenzene		ND	250	2500	2550	102	75 - 121	2660	106	4	20
Surrogate												
460-00-4	4-Bromofluorobenzene		2540	102	2500	2530	101	62 - 127	2530	101		
1868-53-7	Dibromofluoromethane		2410	96	2500	2430	97	65 - 130	2460	98		
2037-26-5	Toluene d8		2590	104	2500	2490	100	71 - 132	2530	101		
17060-07-0	1,2-Dichloroethane-d4		2450	98	2500	2400	96	62 - 125	2380	95		

General Chromatography Quality Control Summary

Analytical Batch	523911	**Client ID**	MB523788			LCS523788			LCSD523788			
Prep Batch	523788	**GCAL ID**	1274369			1274370			1274371			
Prep Method	EPA 3550C	**Sample Type**	Method Blank			LCS			LCSD			
		Prep Date	01/18/2014 03:10			01/18/2014 03:10			01/18/2014 03:10			
		Analytical Date	01/20/2014 08:53			01/20/2014 09:11			01/20/2014 09:30			
		Matrix	Solid			Solid			Solid			
EPA 8015C		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		ND	4000	33300	23300	70	50 - 124	23100	69	1	40
Surrogate												
84-15-1	o-Terphenyl		1130	68	1670	1140	68	63 - 120	1130	68		

Analytical Batch	524003	**Client ID**	MB523898			LCS523898			LCSD523898			
Prep Batch	523898	**GCAL ID**	1274869			1274870			1274871			
Prep Method	EPA 3550C	**Sample Type**	Method Blank			LCS			LCSD			
		Prep Date	01/20/2014 12:15			01/20/2014 12:15			01/20/2014 12:15			
		Analytical Date	01/21/2014 12:13			01/21/2014 12:31			01/21/2014 12:50			
		Matrix	Solid			Solid			Solid			
EPA 8015C		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		ND	4000	33300	33200	99	50 - 124	31700	95	5	40
Surrogate												
84-15-1	o-Terphenyl		1260	76	1670	1420	85	63 - 120	1370	82		

General Chromatography Quality Control Summary

Analytical Batch 524066		**Client ID**	MB524066		LCS524066		
Prep Batch N/A		**GCAL ID**	1275914		1275915		
		Sample Type	Method Blank		LCS		
		Analytical Date	01/22/2014 11:45		01/22/2014 11:25		
		Matrix	Solid		Solid		
EPA 8015C		**Units**	ug/Kg	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
8006-61-9	Gasoline Range Organics	ND	5000	25000	20400	81	67 - 127
Surrogate							
106-39-8	Bromochlorobenzene	1090	73	1500	1320	88	47 - 164

Analytical Batch 524066		**Client ID**	UST-1 AT 5			1274105MS			1274105MSD			
Prep Batch N/A		**GCAL ID**	21401170826			1275916			1275917			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	01/22/2014 12:27			01/22/2014 12:47			01/22/2014 13:09			
		Matrix	Solid			Solid			Solid			
EPA 8015C		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**				**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**		**Limit**
8006-61-9	Gasoline Range Organics	0.00	2500	12500	10400	83	67 - 127	10400	83	0		40
Surrogate												
106-39-8	Bromochlorobenzene	561	75	751	637	85	47 - 164	665	89			

General Chemistry Quality Control Summary

Analytical Batch	523839	**Client ID**	MB523768			LCS523768			LCSD523768		
Prep Batch	523768	**GCAL ID**	1274241			1274242			1274243		
Prep Method	EPA 9071B	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	01/17/2014 14:30			01/17/2014 14:30			01/17/2014 14:30		
		Analytical Date	01/20/2014 09:00			01/20/2014 09:00			01/20/2014 09:00		
		Matrix	Solid			Solid			Solid		
EPA 9071B		**Units**	mg/kg		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-007	Oil and Grease		ND	500	4000	3630	91	70 - 130	3410	85	6	30

Analytical Batch	523844	**Client ID**	MB523769			LCS523769			LCSD523769		
Prep Batch	523769	**GCAL ID**	1274244			1274245			1274246		
Prep Method	EPA 9071B	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	01/17/2014 14:30			01/17/2014 14:30			01/17/2014 14:30		
		Analytical Date	01/21/2014 09:30			01/21/2014 09:30			01/21/2014 09:30		
		Matrix	Solid			Solid			Solid		
EPA 9071B		**Units**	mg/kg		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
C-007	Oil and Grease		ND	500	4000	3800	95	70 - 130	3880	97	2	30

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name

Client ID: 4642 - Sage Environmental
SDG: 214011708
Due Date: 01/24/14

Report to:
Client: SAGE Environmental
Address: 600 Chastain RD. Suite 320
Contact: Jack Wintle
Phone: 678-431-0130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

Custody Seal
used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 3.4 E22

P.O. Number: 1221-1-3
Project Name/Number: Raviol URP
Sampled By: Damian Mason

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOCs	DRO	GRO	O+G							Remarks:	Lab ID
S	11/5	10:50		X	PD-1@10'		4	X			X								1
		10:20			PD-2@10'		4	X			X								2
		10:00			PD-3@2'		4	X			X								3
		10:00			PD-3@10'		4	X			X								4
		14:00			OT-5@10'		4	X			X								5
		13:10			OT-6@5'		4	X			X								6
		13:10			OT-6@10'		4	X			X								7
		12:40			OT-7@2'		4	X			X								8
		8:50			MS-1@5'		4	X			X								9
		9:00			MS-2@5'		4	X			X								10
		9:15			MS-3@10'		4	X			X								11
		11:15			CO-1@10'		4	X	X		X								12
		11:00			CO-2@5'		4	X	X		X								13

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	Hugo Anez	1/16/14	11:01
Fedex	[illegible]	1/17/14	1000
7976 5046 6854			

Note: PD-1@10' had a high PID reading

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name

Client ID: 4642 - Sage Environmental
SDG: 214011708
Due Date: 01/24/14

Report to:
Client: SAGE Environmental
Address: 600 Chastain RD Suite 320
Contact: Jack Winte
Phone: 678-431-0130
Fax:

Bill to:
Client: SAme
Address:
Contact:
Phone:
Fax:

Analytical Requests & Method

Custody Seal
used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 3.4 E22

P.O. Number: 1221-1-3
Project Name/Number: Rayloc URP
Sampled By: Damian Mason

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOCs	DRO	GRO	OTG							Remarks:	Lab ID
S	1/14	10:50		X	AST-1 @ 10'		3	X											14
		11:00			AST-2 @ 10'		3	X											15
		11:45			AST-3 @ 10'		3	X											16
		11:33			OT-1 @ 10'		4	X			X								17
		12:10			OT-2 @ 2'		4	X			X								18
		14:00			OT-3 @ 10'		4	X			X								19
		14:00			OT-3 @ 2'		4	X			X								20
		15:00			OT-4 @ 10'		4	X			X								21
		14:40			CD-1 @ 5'		4	X	X		X								22
		14:40			CD-1 @ 10'		4	X	X		X								23
		14:20			CD-2 @ 5'		4	X	X		X								24
		12:10			OT-2 @ 10'		4	X			X								25
DM	DM			DM															

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Hugo Alvez	1/16/14	11:01
FedEx	[signature]	1/17/14	1000

Note: High PID readings on OT-3 @ 2'

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name | Client

Client ID: 4642 - Sage Environmental
SDG: 214011708
Due Date: 01/24/14

Report to:
Client: SAGE Environmental
Address: 600 Chastain RD
Suite 320
Contact: Jack Winkle
Phone: 678-431-6130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

P.O. Number: 1221-1-3
Project Name/Number: Raylock URP
Sampled By:

Analytical Requests & Method

Lab use only:
Custody Seal
used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 3.4 E22

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	GRO	VOC	Remarks:	Lab ID
S	1/15	15:00		X	UST-1 @ 5'		3	X			26
S	1/15	15:05		X	UST-2 @ 2'		3	X			27
W	1/15	—			Trip Blank -IX5				X	Added by IKS	

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	Hugo Alvez	1/16/14	11:01
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx	[illegible]	1/17/14	1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Note:

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

GCAL ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIVING CHECKLIST

214011708

SAMPLE DELIVERY GROUP 214011708

Client 4642 - Sage Environmental	**Transport Method** FEDEX
Profile Number 240745	**Received By** Saucier, Charlotte
Line Item(s) 2 - Soils	**Receive Date(s)** 01/17/14

CHECKLIST	YES	NO	NA
Were all samples received using proper thermal preservation?	☑	☐	☐
When used, were all custody seals intact?	☑	☐	☐
Were all samples received in proper containers?	☑	☐	☐
Were all samples received using proper chemical preservation?	☑	☐	☐
Was preservative added to any container at the lab?	☐	☑	☐
Were all containers received in good condition?	☐	☑	☐
Were all VOA vials received with no head space?	☑	☐	☐
Do all sample labels match the Chain of Custody?	☑	☐	☐
Did the Chain of Custody list the sampling technician?	☑	☐	☐
Was the COC maintained i.e. all signatures, dates and time of receipt included?	☑	☐	☐

COOLERS

Airbill	Thermometer ID: E22	Temp(°C)
7976 5046 6854		3.4

DISCREPANCIES

21401170808 - OT-7 AT 2:
Broken Container (Container 3 - Unassigned)

LAB PRESERVATIONS

None

NOTES

Revision 1.4

APPENDIX B
UST DOCUMENTATION

Create file
FJ

Georgia Department of Natural Resources

Environmental Protection Division
Land Protection Branch
Underground Storage Tank Management Program
4244 International Parkway, Suite 100
Atlanta, Georgia 30354
Phone (404) 362-2687
FAX (404) 362-2654

April 18, 1994

Mr. Robert Lewis
Rayloc
P.O. Box 43146
Atlanta, Georgia 30378

SUBJECT: Underground Storage Tank (UST) Closure Assessment:
Rayloc
600 Rayloc Drive, S.W.
Atlanta, Ga; Fulton County
Facility ID: 0600260

Dear Mr. Lewis:

This is in reply to your letter dated March 19, 1994, that forwarded the subject closure assessment data prepared by RT Environmental Services, Inc.

It is the responsibility of you or your consultant to interpret the data and to ensure that contamination levels, if any, do not exceed state cleanup standards of paragraph 391-3-15-.09 of the Georgia Rules for Underground Storage Tank Management (GUST Rules).

Because you have determined that the contamination is below the cleanup standards, then, under the current GUST Rules, corrective action is not required. However, should free product, contaminated soil, and/or dissolved contaminants in groundwater be identified in the future as originating from this UST site, or if the GUST Rules are amended and the cleanup standard becomes more stringent, further corrective action may be required of you.

These data, as required by paragraph 391-3-15-.11 of the GUST Rules, must be maintained for a minimum of three years after completion of permanent closure. These data, unless other provisions are made, must be maintained either by the owner/operator (O/O) that took the UST system out of service or by the current O/O of the UST system site.

If you have any questions, please contact this office at (404)362-2687.

Sincerely,

Isabelle Revell-Robinson
Environmental Engineer
Regulatory Compliance Unit

IRR:mw/rayloc.28b
cc: Howard L. Barefoot, GA EPD
File (~~RC~~ CA): Fulton; Atlanta; Rayloc; 600 Rayloc Drive

NAPA Rayloc®
Remanufactured Auto Parts

RECEIVED
MAR 19 1993
UNDERGROUND STORAGE TANK
Management Program

To: ISABELLE

March 18, 1993

0600260

Mr. J. Robert Wiggins, Jr.
Underground Storage Tank Management Program
4244 International Parkway, Suite 100
Atlanta, Georgia 30354

Re: Tank Closure- Site ID # 0600260

Dear Mr. Wiggins:

Rayloc contracted Smith Equipment to excavate and dispose of two underground storage tanks (a 20,000 gallon diesel fuel tank and a 1,500 gallon gasoline tank) at its Atlanta facility. On February 24, 1993, Smith Equipment removed the two tanks. After the tanks were taken out of the ground, soil samples were collected from the two excavations and sent to RT Environmental Services for analysis of total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene and xylenes (BTEX). As shown on the attached laboratory report, the samples collected from the gasoline tank excavation had no detectable levels of BTEX, and the levels of TPH (37 ppm) were less than Georgia EPD's TPH target clean-up level of 100 ppm. No further action was necessary for the gasoline excavation.

However, the samples from the diesel tank excavation had elevated levels of TPH, indicating that there had been a release of diesel fuel. In order to remediate the area affected by the fuel release, contaminated soils were excavated and transported to Chambers Landfill in Atlanta for disposal; a total of 302.73 tons of contaminated soil were removed and disposed. When the soil excavation was completed, another round of soil sampling was conducted to determine if a sufficient volume of soil had been removed. The attached lab report shows that one sample had no detectable levels of TPH and the second sample had a barely detectable 12 ppm of TPH, indicating that the soils contaminated by the fuel release have been removed. Both excavations will be backfilled with clean soil. No groundwater was encountered during the excavation.

DIVISION OF GENUINE PARTS COMPANY • 600 RAYLOC DRIVE, S.W. • P.O. BOX 43146 • ATLANTA, GEORGIA 30378
PHONE 404 / 691-3780 • FAX 404 / 696-9107

Attached is a revised notification form, showing that the two tanks have been permanently closed. If you have any questions concerning the enclosed information, please contact me at 691-3780. Thank you for your cooperation.

Sincerely,

Robert M. Lewis

Robert M. Lewis
Environmental and Safety Manager

cc: Joe White- Rayloc

RT Environmental Services

A Division of ReUse Technology

Smith Equipment
PO Box 93724
Atlanta, Ga. 30377
Attn: Jack Vineyard

3/1/93

The following analytical results have been obtained for the indicated samples which were submitted to this laboratory.

Project Account Code:	RT026
Location Code:	Smith_Eq
Location Description:	Ray-Loc
Date Sampled:	2/24/93
Laboratory Submittal Date:	2/24/93
Laboratory Batch #:	1505

418.1
8020
per Terri Taylor of RT
3-28-94
PK

Parameter	Detection Level (mg/kg)	G-1-A RT05914	G-1-B RT05915	D-1-A RT05916	D-1-B RT05917
TPH	10	nd	37	696	2875
BTEX:					
Benzene	nd	nd	nd	<0.04	<0.20
Toluene	nd	nd	nd	<0.04	<0.20
Ethylbenzene	nd	nd	nd	<0.04	<0.20
Total Xylenes	nd	nd	nd	0.05	0.60
Hazardous Waste Char.					
Paint Filter Test		-	-		-
HCN Reactivity		-	-		-
H2S Reactivity		-	-		-
TCLP Lead		-	-		-
pH		-	-		-
Flashpoint		-	-		-

The results for hazardous waste characterization will be submitted as soon as they are available.

If there are any questions regarding this data, please call.

Sincerely,

Marc Lavelle

Marc Lavelle
Assistant Lab Manager

A Division of ReUse Technology

Smith Equipment
PO Box 93724
Atlanta, Ga. 30377
Attn: Jack Vineyard

3/10/93

The following analytical results have been obtained for the indicated samples which were submitted to this laboratory.

Project Account Code:	RT026
Location Code:	Smith_Eq
Location Description:	Ray Loc
Date Sampled:	3/10/93
Laboratory Submittal Date:	3/10/93
Laboratory Batch #:	1528

Parameter	Detection Level (mg/kg)	CS-1-A RT06059	CS-1-B RT06060
TPH	10	12	nd

If there are any questions regarding this data, please call.

Sincerely,

Marc Lavelle
Assistant Lab Manager

691 3780

Notification for Underground Storage Tanks

Georgia Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, Suite 100
Atlanta, Georgia 30354

STATE USE ONLY

ID NUMBER 0600260

A. Date Data Entered _____/_____/_____

B. Data Entry Clerk Initials _____

DATE RECEIVED

RECEIVED
MAR 19 1993
UNDERGROUND STORAGE TANK
Management Program

INSTRUCTIONS

Please type or print in ink all items except "signature" in section VIII. This form must be completed for each facility containing underground storage tanks. If more than five (5) tanks are owned at this facility, photocopy the following sheets, and staple continuation sheets to the form.

TYPE OF NOTIFICATION

☐ NEW FACILITY ☐ AMENDED ☒ CLOSURE

2 Total No. of tanks at facility ____ No. of continuation sheets attached

GENERAL INFORMATION

Notification is required by the Georgia Underground Storage Tank Act, O.C.G.A. 12-13, as amended for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986.

The primary purpose of this notification is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. The information you provide must be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? The GUST Act, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify the Georgia Environmental Protection Division of the existence of their tanks.

Owner means-

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

Note: any facility that has undergone any changes to facility information or tank system status need only submit amended tank information.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. Industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under other State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

GA Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, Suite 100
Atlanta, GA 30354

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must have notified by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. Any modification to facility tanks requires immediate notification.

Penalties: Under the GUST Act, O.C.G.A. 12-13-19, any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

RAYLOC DIV. OF GENUINE PARTS CO.
Owner Name (Corporation, Individual, Public Agency, or Other Entity)

600 RAYLOC DRIVE, SW
Mailing Address

ATLANTA GA 30378
City State ZIP Code

FULTON
County

404-691-3780
Telephone Number (Must Include Area Code)

II. LOCATION OF TANK(S)

RAYLOC DIV. OF GENUINE PARTS CO.
Facility Name or Company Site Identifier, as applicable

600 RAYLOC DRIVE, SW
Street Address (P.O. Box not acceptable)

ATLANTA GA 30378
City State Zip Code

FULTON
County

404-691-3780
Facility Telephone Number (Must Include Area Code)

If available, give the geographic location of tanks by degrees, minutes, and seconds. Examples Lat. 42° 36'12" N Long. 85° 24'17"W

Latitude 33° 46' 30" N Longitude 84° 31' 30" W

III. TYPE OF OWNER

- [ ] Federal Government
- [x] Commercial
- [ ] State Government
- [ ] Private
- [ ] Local Government

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. [ ]

Tanks are owned by Native American nation, tribe, or individual. [ ]

Tribe or Nation: _____

V. TYPE OF FACILITY

Select the Appropriate Facility Description

- [ ] Gas Station
- [ ] Petroleum Distributor
- [ ] Air Taxi (Airline)
- [ ] Aircraft Owner
- [ ] Auto Dealership
- [ ] Railroad
- [ ] Federal-Non-Military
- [ ] Federal-Military
- [x] Industrial
- [ ] Contractor
- [ ] Trucking/Transport
- [ ] Utilities
- [ ] Residential
- [ ] Farm
- [ ] Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Mailing Address	Telephone Number (Include Area Code)
ROBERT LEWIS	RAYLOC DIV. OF GENUINE PARTS CO. 600 RAYLOC DRIVE, SW ATLANTA, GA 30378	404-691-3780
Job Title: ENVIRONMENTAL MANAGER		

VII. FINANCIAL RESPONSIBILITY (This Section Must Be Completed)

I have met the financial responsibility requirements in accordance with GUST Rule 391-3-15-.12 (40CFR §280.93) as indicated below.

YES	NO	
[ ]	[ ]	- Markerter - Amount required is $ 1,000,000
[ ]	[ ]	- Non - Markerter - Amount required is $ 500,000

NA

Identify primary coverage by "placing" an "X" in the appropriate box.

PRIMARY COVERAGE

- [ ] GUST TRUST FUND (Deductible $ 10,000)
- [ ] Commercial Insurance (Deductible $_____)
- [ ] Risk Retention Group (Deductible $_____)
- [ ] Self Insurance
- [ ] Guarantee
- [ ] Surety Bond
- [ ] Letter of Credit
- [ ] _____

NA

Describe other method providing coverage

Identify coverage for deductible amount listed under **Primary Coverage** by placing an "X" in the appropriate box.

DEDUCTIBLE COVERAGE

- [ ] Commercial Insurance
- [ ] Risk Retention Group
- [ ] Self Insurance
- [ ] Guarantee
- [ ] Surety Bond
- [ ] Letter of Credit
- [ ] _____

NA

Describe other method providing coverage

VIII. CERTIFICATION (Not valid without date & signature)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name of owner or authorized representative (Print/Type)	Signature	Date Signed
ROBERT M. LEWIS	Robert M. Lewis	3/18/93
Title: ENVIRONMENTAL MANAGER		

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification Number (may be arbitary)	# 1	# 2	#	#	#
1. Status of Tank					
Currently in Use					
Temporarily Out of Use (In addition, complete section X.)					
Permanently Out of Use (In addition, complete section X.)	X	X			
Amendment of Information					
2. Date of Installation (month/day/year)	1975	1973			
3. Total Capacity (gallons)	20,000	1,500			
4. Material of Construction (Mark all that apply)					
Asphalt Coated or Bare Steel	X	X			
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Interior Liner					
Double Wall					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please specify					
Has tank been repaired?					
Date of repair (month/day/year)					
5. Piping (Material - Mark all that apply)					
Bare Steel					
Galvanized Steel	X	X			
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Wall					
Unknown					
Other, (specify)					
Secondary Containment					
Trench Liner					
6. Piping (Type - Mark all that apply)					
Suction: check valve at dispenser					
Suction: check valve at tank	X	X			
Pressure					
Gravity Feed					
Has piping been repaired?					
Date of repair (month/day/year)					

Tank Identification Number	# 1	# 2	#	#	#

7. Substance currently or last stored identify as "1". Any additional substance previously stored identify as "2"

Petroleum Product					
Gasoline		X			
Diesel	X				
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other, specify					
Other, specify					

Hazardous Substance

CERCLA name or CAS (Chemical Abstracts Service) number					

Mixture of Substances (Please specify by CERCLA name or CAS number)

Substance 1.					
Substance 2.					
Substance 3.					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

Tank Closure

A. Temporary

Date Taken Out of Service (month/day/year).....					
Date to be Returned to Service (month/day/year).....					

B. Permanent

Date Last Used (month/day/year).....					
Date Tank Closed (month/day/year).....					

Closure Method

Removed from Ground.....	2/24/93	2/24/93			

Closed in place by filling with solid inert material

(Note: Water is not a solid inert material)

Concrete.....					
Sand.....					
Foam.....					
Other (Specify).....					

C. Change in service (Specify New Substance Stored)					

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	# _____	# _____	# _____	# _____	# _____
1. Installation Certification/Approval					
A. Installer certified by tank and piping manufacturers					
B. Installation inspected by a professional engineer (P.E.)					
C. Manufacturer's installation checklists have been completed					
D. Another method allowed by GA EPD. Please specify & describe					

_____

_____

2. Release Detection (Mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Manual tank gauging (only for 2000 gal or less)										
B. Tank tightness test										
C. Inventory controls										
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring of double wall tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors (required for pressure piping)										
J. Line tightness test										

K. Other method Please specify & describe

_____

_____

3. Spill and Overfill Protection					
A. Overfill device installed (month/day/year)					
B. Spill prevention device installed (month/day/year)					

OATH: I certify the information concerning installation of the UST system, release detection, and spill/overflow protection specified above is true to the best of my belief and knowledge.

Installer: _____ _____

Company — Company Address

_____ _____

Authorized Representative — Signature — Date

_____ _____

Title — Telephone Number (Include Area Code)

Facility ID	Location Count	Facility Status	Location Name		Location Address	Location City	Location State
00600260	FULT(	Closed	RAYLOC DIV OF GENUINE PARTS CO		600 RAYLOC DR	ATLANTA	GA

FACILITY ID	TANK ID	STATUS DATE	STATUS	PRODUCT	CAPACITY	MAT. TANK CONST.
600260	1	03/27/73	Installed	Empty	20,000.00	Bare Steel
600260	1	02/24/93	Removed From Ground	Empty	20,000.00	Bare Steel
600260	1		Upgrade Repair Not Marked	Empty	20,000.00	Bare Steel
600260	2	04/07/73	Installed	Empty	1,500.00	Bare Steel
600260	2	02/24/93	Removed From Ground	Empty	1,500.00	Bare Steel
600260	2		Upgrade Repair Not Marked	Empty	1,500.00	Bare Steel

APPENDIX C
SOURCE ZONE INDIGO BLUE (RED OIL) PHOTOGRAPHS

Rayloc Red Oil Survey

SA-2 @ 20'

PID - 94.9

SA-4 @ 5'

PID - 156.7

SA-4 @ 10'

PID – 6,120

SA-4 @ 15'

PID – 15,000+

Rayloc Red Oil Survey

SA-6 @ 10'

PID – 15,000+

SA-7 @ 25'

PID – 10,304

SA-8 @ 10'

PID – 15,000+

SA-8 @ 20'

PID – 15,000+

Rayloc Red Oil Survey

SA-9 @ 15'	SA-11 @ 20'	SA-12 @ 15'	SA-13 @ 15'
PID – 5,099	PID – 7,023	PID – 15,000+	PID – 15,000+

Rayloc Red Oil Survey

SA-14 @ 15'

PID – 15,000+

SA-17 @ 10'

PID – 6,302

SA-18 @ 15'

PID – 15,000+

SA-19 @ 15'

PID – 15,000+

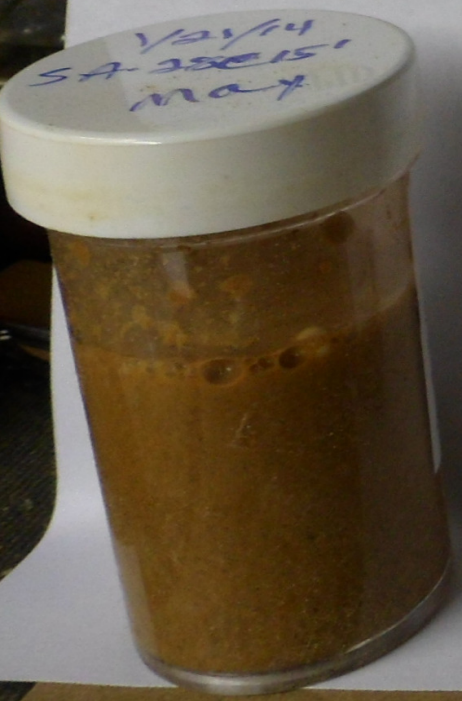
Rayloc Red Oil Survey

SA-19 @ 25'	SA-20 @ 15'	SA-20 @ 25'	SA-21 @ 15'
PID – 15,000+	PID – 15,000+	PID – 9,997	PID – 15,000+

Rayloc Red Oil Survey

SA-28 @ 15'

PID – 15,000+



SA-29 @ 20'

PID – 15,000+

SA-30 @ 10'

PID – 15,000+

Rayloc Red Oil Survey

SA-22 @ 10'	SA-23 @ 13'	SA-24 @ 12'	SA-27-5'
PID – 15,000+	PID – 6,233	PID – 1,672	PID – 15,000+

APPENDIX D
SOURCE ZONE LABORATORY DATA REPORTS

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 Innovation Park Dr.

Baton Rouge, LA 70820

Report Date 01/28/2014

GCAL Report 214012022

Deliver To	Sage Environmental Services 600 Chastain Rd. Kennesaw, GA 30144 678-431-0130
Attn	Jack Wintle

Project Rayloc VRP

CASE NARRATIVE

Client: Sage Environmental **Report:** 214012022

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis, samples 21401202201 (SA-9 @ 15'), 21401202205 (SA-11 @ 20'), 21401202206 (SA-11 @ 30'), 21401202207 (SA-12 @ 15'), 21401202208 (SA-12 @ 30'), 21401202209 (SA-13 @ 15'), 21401202210 (SA-13 @ 30'), 21401202211 (SA-14 @ 15'), 21401202212 (SA-14 @ 20'), 21401202213 (SA-15 @ 10'), 21401202223 (SA-5 @ 10'), 21401202219 (SA-3 @ 15'), 21401202221 (SA-4 @ 15'), 21401202225 (SA-6 @ 10'), 21401202227 (SA-7 @ 15'), 21401202229 (SA-8 @ 15'), 21401202228 (SA-7 @ 25') and 21401202230 (SA-8 @ 30') had to be diluted due to the presence of non-target background. This dilution is reflected in the elevated reporting limits.

In the EPA 8260B analysis, samples 21401202202 (SA-9 @ 30'), 21401202203 (SA-10 @ 20'), 21401202204 (SA-10 @ 30'), 21401202215 (SA-1 @ 20'), 21401202201 (SA-9 @ 15'), 21401202205 (SA-11 @ 20'), 21401202206 (SA-11 @ 30'), 21401202207 (SA-12 @ 15'), 21401202208 (SA-12 @ 30'), 21401202209 (SA-13 @ 15'), 21401202210 (SA-13 @ 30'), 21401202211 (SA-14 @ 15'), 21401202212 (SA-14 @ 20'), 21401202213 (SA-15 @ 10'), 21401202220 (SA-3 @ 30'), 21401202217 (SA-2 @ 20'), 21401202222 (SA-4 @ 30'), 21401202224 (SA-5 @ 30'), 21401202219 (SA-3 @ 15'), 21401202221 (SA-4 @ 15'), 21401202223 (SA-5 @ 10'), 21401202225 (SA-6 @ 10'), 21401202227 (SA-7 @ 15'), 21401202228 (SA-7 @ 25'), 21401202229 (SA-8 @ 15') and 21401202230 (SA-8 @ 30') had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilution is reflected in elevated detection limits.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Authorized Signature
GCAL REPORT 214012022

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202201	SA-9 @ 15'	Solid	01/17/2014 09:35	01/20/2014 12:35
21401202202	SA-9 @ 30'	Solid	01/17/2014 09:35	01/20/2014 12:35
21401202203	SA-10 @ 20'	Solid	01/17/2014 10:10	01/20/2014 12:35
21401202204	SA-10 @ 30'	Solid	01/17/2014 10:10	01/20/2014 12:35
21401202205	SA-11 @ 20'	Solid	01/17/2014 10:51	01/20/2014 12:35
21401202206	SA-11 @ 30'	Solid	01/17/2014 10:51	01/20/2014 12:35
21401202207	SA-12 @ 15'	Solid	01/17/2014 11:20	01/20/2014 12:35
21401202208	SA-12 @ 30'	Solid	01/17/2014 11:20	01/20/2014 12:35
21401202209	SA-13 @ 15'	Solid	01/17/2014 12:42	01/20/2014 12:35
21401202210	SA-13 @ 30'	Solid	01/17/2014 12:42	01/20/2014 12:35
21401202211	SA-14 @ 15'	Solid	01/17/2014 13:17	01/20/2014 12:35
21401202212	SA-14 @ 20'	Solid	01/17/2014 13:17	01/20/2014 12:35
21401202213	SA-15 @ 10'	Solid	01/17/2014 14:08	01/20/2014 12:35
21401202214	SA-15 @ 30'	Solid	01/17/2014 14:08	01/20/2014 12:35
21401202215	SA-1 @ 20'	Solid	01/16/2014 09:50	01/20/2014 12:35
21401202216	SA-1 @ 30'	Solid	01/16/2014 09:50	01/20/2014 12:35
21401202217	SA-2 @ 20'	Solid	01/16/2014 10:52	01/20/2014 12:35
21401202218	SA-2 @ 30'	Solid	01/16/2014 10:52	01/20/2014 12:35
21401202219	SA-3 @ 15'	Solid	01/16/2014 11:30	01/20/2014 12:35
21401202220	SA-3 @ 30'	Solid	01/16/2014 11:30	01/20/2014 12:35
21401202221	SA-4 @ 15'	Solid	01/16/2014 12:00	01/20/2014 12:35
21401202222	SA-4 @ 30'	Solid	01/16/2014 12:00	01/20/2014 12:35
21401202223	SA-5 @ 10'	Solid	01/16/2014 13:28	01/20/2014 12:35
21401202224	SA-5 @ 30'	Solid	01/16/2014 13:28	01/20/2014 12:35
21401202225	SA-6 @ 10'	Solid	01/16/2014 14:06	01/20/2014 12:35
21401202226	SA-6 @ 30'	Solid	01/16/2014 14:06	01/20/2014 12:35
21401202227	SA-7 @ 15'	Solid	01/16/2014 15:05	01/20/2014 12:35
21401202228	SA-7 @ 25'	Solid	01/16/2014 15:05	01/20/2014 12:35
21401202229	SA-8 @ 15'	Solid	01/16/2014 16:02	01/20/2014 12:35
21401202230	SA-8 @ 30'	Solid	01/16/2014 16:02	01/20/2014 12:35

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202201	SA-9 @ 15'	Solid	01/17/2014 09:35	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	686000	85600		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202202	SA-9 @ 30'	Solid	01/17/2014 09:35	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-64-1	Acetone	2400	1220		ug/Kg
127-18-4	Tetrachloroethene	259	243		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202203	SA-10 @ 20'	Solid	01/17/2014 10:10	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	481	412		ug/Kg
127-18-4	Tetrachloroethene	4220	206		ug/Kg
156-59-2	cis-1,2-Dichloroethene	481	206		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202204	SA-10 @ 30'	Solid	01/17/2014 10:10	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	1040	237		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202205	SA-11 @ 20'	Solid	01/17/2014 10:51	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	622000	97700		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202206	SA-11 @ 30'	Solid	01/17/2014 10:51	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	156000	13000		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202207	SA-12 @ 15'	Solid	01/17/2014 11:20	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	184000	171000		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	8300000	1710000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202208	SA-12 @ 30'	Solid	01/17/2014 11:20	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	1920000	133000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202209	SA-13 @ 15'	Solid	01/17/2014 12:42	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	1690000	165000		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	15200000	1650000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202210	SA-13 @ 30'	Solid	01/17/2014 12:42	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	2950000	755000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202211	SA-14 @ 15'	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	150000	104000		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202211	**SA-14 @ 15'**	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	3310000	104000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	180000	104000		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5450000	1040000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202212	**SA-14 @ 20'**	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	16000	4410		ug/Kg
79-01-6	Trichloroethene	44000	4410		ug/Kg
156-59-2	cis-1,2-Dichloroethene	4850	4410		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	445000	44100		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202213	**SA-15 @ 10'**	Solid	01/17/2014 14:08	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	2670	1820		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	9210	3630		ug/Kg
79-01-6	Trichloroethene	17100	1820		ug/Kg
156-59-2	cis-1,2-Dichloroethene	9000	1820		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	199000	18200		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202214	SA-15 @ 30'	Solid	01/17/2014 14:08	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	12.8	6.31		ug/Kg
127-18-4	Tetrachloroethene	8.12	3.16		ug/Kg
156-59-2	cis-1,2-Dichloroethene	12.8	3.16		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202215	SA-1 @ 20'	Solid	01/16/2014 09:50	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	428	160		ug/Kg
156-59-2	cis-1,2-Dichloroethene	428	79.9		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202216	SA-1 @ 30'	Solid	01/16/2014 09:50	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	13.9	5.72		ug/Kg
78-93-3	2-Butanone	7.49	2.86		ug/Kg
67-64-1	Acetone	112	14.3		ug/Kg
127-18-4	Tetrachloroethene	31.0	2.86		ug/Kg
156-59-2	cis-1,2-Dichloroethene	13.9	2.86		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202217	SA-2 @ 20'	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	3210	124		ug/Kg
156-59-2	cis-1,2-Dichloroethene	246	124		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202218	SA-2 @ 30'	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
78-93-3	2-Butanone	43.4	2.99		ug/Kg
591-78-6	2-Hexanone	4.37	2.99		ug/Kg
108-10-1	4-Methyl-2-pentanone	5.50	2.99		ug/Kg
91-20-3	Naphthalene	5.98	2.99		ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.43	2.99		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202218	SA-2 @ 30'	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-64-1	Acetone	1650	706		ug/Kg
127-18-4	Tetrachloroethene	180	141		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202219	SA-3 @ 15'	Solid	01/16/2014 11:30	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	1170	672		ug/Kg
156-59-2	cis-1,2-Dichloroethene	1170	336		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	40700	3360		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202220	SA-3 @ 30'	Solid	01/16/2014 11:30	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
78-93-3	2-Butanone	129	113		ug/Kg
67-64-1	Acetone	1520	566		ug/Kg
127-18-4	Tetrachloroethene	518	113		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202221	SA-4 @ 15'	Solid	01/16/2014 12:00	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	1520000	221000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202222	SA-4 @ 30'	Solid	01/16/2014 12:00	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	378	115		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202223	SA-5 @ 10'	Solid	01/16/2014 13:28	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	970	243		ug/Kg
79-01-6	Trichloroethene	344	122		ug/Kg
156-59-2	cis-1,2-Dichloroethene	970	122		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	8370	609		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202224	SA-5 @ 30'	Solid	01/16/2014 13:28	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	398	250		ug/Kg
127-18-4	Tetrachloroethene	4820	125		ug/Kg
79-01-6	Trichloroethene	329	125		ug/Kg
156-59-2	cis-1,2-Dichloroethene	389	125		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202225	SA-6 @ 10'	Solid	01/16/2014 14:06	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	9150000	1210000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202226	SA-6 @ 30'	Solid	01/16/2014 14:06	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	29.6	4.28		ug/Kg
78-93-3	2-Butanone	11.8	2.14		ug/Kg
127-18-4	Tetrachloroethene	24.1	2.14		ug/Kg
79-01-6	Trichloroethene	4.24	2.14		ug/Kg
156-59-2	cis-1,2-Dichloroethene	29.3	2.14		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202227	**SA-7 @ 15'**	Solid	01/16/2014 15:05	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	347000	97000		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	3510000	970000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202228	**SA-7 @ 25'**	Solid	01/16/2014 15:05	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	5590	5080		ug/Kg
79-01-6	Trichloroethene	15100	5080		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	794000	50800		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202229	**SA-8 @ 15'**	Solid	01/16/2014 16:02	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	209000	35300		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7140000	353000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202230	**SA-8 @ 30'**	Solid	01/16/2014 16:02	01/20/2014 12:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	946000	364000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202201	**SA-9 @ 15'**	Solid	01/17/2014 09:35	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/23/2014 20:51	CEK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**686000**	**85600**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	856000	904000	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	856000	854000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	856000	913000	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	856000	862000	ug/Kg	101	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 02:29	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	8560		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	8560		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	8560		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	8560		ug/Kg
75-34-3	1,1-Dichloroethane	ND	8560		ug/Kg
75-35-4	1,1-Dichloroethene	ND	8560		ug/Kg
563-58-6	1,1-Dichloropropene	ND	8560		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	8560		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	8560		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	8560		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	8560		ug/Kg
106-93-4	1,2-Dibromoethane	ND	8560		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	8560		ug/Kg
107-06-2	1,2-Dichloroethane	ND	8560		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	17100		ug/Kg
78-87-5	1,2-Dichloropropane	ND	8560		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	8560		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	8560		ug/Kg
142-28-9	1,3-Dichloropropane	ND	8560		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	8560		ug/Kg
594-20-7	2,2-Dichloropropane	ND	8560		ug/Kg
78-93-3	2-Butanone	ND	8560		ug/Kg
95-49-8	2-Chlorotoluene	ND	8560		ug/Kg
591-78-6	2-Hexanone	ND	8560		ug/Kg
106-43-4	4-Chlorotoluene	ND	8560		ug/Kg
99-87-6	4-Isopropyltoluene	ND	8560		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	8560		ug/Kg
67-64-1	Acetone	ND	42800		ug/Kg
71-43-2	Benzene	ND	8560		ug/Kg
108-86-1	Bromobenzene	ND	8560		ug/Kg
74-97-5	Bromochloromethane	ND	8560		ug/Kg
75-27-4	Bromodichloromethane	ND	8560		ug/Kg
75-25-2	Bromoform	ND	8560		ug/Kg
74-83-9	Bromomethane	ND	8560		ug/Kg
75-15-0	Carbon disulfide	ND	8560		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202201	**SA-9 @ 15'**	Solid	01/17/2014 09:35	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 02:29	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	8560		ug/Kg
108-90-7	Chlorobenzene	ND	8560		ug/Kg
75-00-3	Chloroethane	ND	8560		ug/Kg
67-66-3	Chloroform	ND	8560		ug/Kg
74-87-3	Chloromethane	ND	8560		ug/Kg
124-48-1	Dibromochloromethane	ND	8560		ug/Kg
74-95-3	Dibromomethane	ND	8560		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	8560		ug/Kg
100-41-4	Ethylbenzene	ND	8560		ug/Kg
87-68-3	Hexachlorobutadiene	ND	8560		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	8560		ug/Kg
74-88-4	Methyl iodide	ND	8560		ug/Kg
75-09-2	Methylene chloride	ND	17100		ug/Kg
91-20-3	Naphthalene	ND	8560		ug/Kg
100-42-5	Styrene	ND	8560		ug/Kg
108-88-3	Toluene	ND	8560		ug/Kg
79-01-6	Trichloroethene	ND	8560		ug/Kg
75-69-4	Trichlorofluoromethane	ND	8560		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	8560		ug/Kg
75-01-4	Vinyl chloride	ND	8560		ug/Kg
1330-20-7	Xylene (total)	ND	17100		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	8560		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	8560		ug/Kg
136777-61-2	m,p-Xylene	ND	8560		ug/Kg
104-51-8	n-Butylbenzene	ND	8560		ug/Kg
103-65-1	n-Propylbenzene	ND	8560		ug/Kg
95-47-6	o-Xylene	ND	8560		ug/Kg
135-98-8	sec-Butylbenzene	ND	8560		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	8560		ug/Kg
98-06-6	tert-Butylbenzene	ND	8560		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	8560		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	8560		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	8560		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	85600	93200	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	85600	85400	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	85600	89700	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	85600	85600	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202202	**SA-9 @ 30'**	Solid	01/17/2014 09:35	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 01:01	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	243		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	243		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	243		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	243		ug/Kg
75-34-3	1,1-Dichloroethane	ND	243		ug/Kg
75-35-4	1,1-Dichloroethene	ND	243		ug/Kg
563-58-6	1,1-Dichloropropene	ND	243		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	243		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	243		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	243		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	243		ug/Kg
106-93-4	1,2-Dibromoethane	ND	243		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	243		ug/Kg
107-06-2	1,2-Dichloroethane	ND	243		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	486		ug/Kg
78-87-5	1,2-Dichloropropane	ND	243		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	243		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	243		ug/Kg
142-28-9	1,3-Dichloropropane	ND	243		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	243		ug/Kg
594-20-7	2,2-Dichloropropane	ND	243		ug/Kg
78-93-3	2-Butanone	ND	243		ug/Kg
95-49-8	2-Chlorotoluene	ND	243		ug/Kg
591-78-6	2-Hexanone	ND	243		ug/Kg
106-43-4	4-Chlorotoluene	ND	243		ug/Kg
99-87-6	4-Isopropyltoluene	ND	243		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	243		ug/Kg
67-64-1	**Acetone**	**2400**	**1220**		**ug/Kg**
71-43-2	Benzene	ND	243		ug/Kg
108-86-1	Bromobenzene	ND	243		ug/Kg
74-97-5	Bromochloromethane	ND	243		ug/Kg
75-27-4	Bromodichloromethane	ND	243		ug/Kg
75-25-2	Bromoform	ND	243		ug/Kg
74-83-9	Bromomethane	ND	243		ug/Kg
75-15-0	Carbon disulfide	ND	243		ug/Kg
56-23-5	Carbon tetrachloride	ND	243		ug/Kg
108-90-7	Chlorobenzene	ND	243		ug/Kg
75-00-3	Chloroethane	ND	243		ug/Kg
67-66-3	Chloroform	ND	243		ug/Kg
74-87-3	Chloromethane	ND	243		ug/Kg
124-48-1	Dibromochloromethane	ND	243		ug/Kg
74-95-3	Dibromomethane	ND	243		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	243		ug/Kg
100-41-4	Ethylbenzene	ND	243		ug/Kg
87-68-3	Hexachlorobutadiene	ND	243		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	243		ug/Kg
74-88-4	Methyl iodide	ND	243		ug/Kg
75-09-2	Methylene chloride	ND	486		ug/Kg
91-20-3	Naphthalene	ND	243		ug/Kg
100-42-5	Styrene	ND	243		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202202	**SA-9 @ 30'**	Solid	01/17/2014 09:35	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 01:01	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**259**	**243**		**ug/Kg**
108-88-3	Toluene	ND	243		ug/Kg
79-01-6	Trichloroethene	ND	243		ug/Kg
75-69-4	Trichlorofluoromethane	ND	243		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	243		ug/Kg
75-01-4	Vinyl chloride	ND	243		ug/Kg
1330-20-7	Xylene (total)	ND	486		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	243		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	243		ug/Kg
136777-61-2	m,p-Xylene	ND	243		ug/Kg
104-51-8	n-Butylbenzene	ND	243		ug/Kg
103-65-1	n-Propylbenzene	ND	243		ug/Kg
95-47-6	o-Xylene	ND	243		ug/Kg
135-98-8	sec-Butylbenzene	ND	243		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	243		ug/Kg
98-06-6	tert-Butylbenzene	ND	243		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	243		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	243		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	243		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2430	2660	ug/Kg	109	62 - 127
1868-53-7	Dibromofluoromethane	2430	2440	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	2430	2600	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2430	2440	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202203	**SA-10 @ 20'**	Solid	01/17/2014 10:10	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 01:23	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	206		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	206		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	206		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	206		ug/Kg
75-34-3	1,1-Dichloroethane	ND	206		ug/Kg
75-35-4	1,1-Dichloroethene	ND	206		ug/Kg
563-58-6	1,1-Dichloropropene	ND	206		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	206		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	206		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	206		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	206		ug/Kg
106-93-4	1,2-Dibromoethane	ND	206		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	206		ug/Kg
107-06-2	1,2-Dichloroethane	ND	206		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**481**	**412**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	206		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	206		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	206		ug/Kg
142-28-9	1,3-Dichloropropane	ND	206		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	206		ug/Kg
594-20-7	2,2-Dichloropropane	ND	206		ug/Kg
78-93-3	2-Butanone	ND	206		ug/Kg
95-49-8	2-Chlorotoluene	ND	206		ug/Kg
591-78-6	2-Hexanone	ND	206		ug/Kg
106-43-4	4-Chlorotoluene	ND	206		ug/Kg
99-87-6	4-Isopropyltoluene	ND	206		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	206		ug/Kg
67-64-1	Acetone	ND	1030		ug/Kg
71-43-2	Benzene	ND	206		ug/Kg
108-86-1	Bromobenzene	ND	206		ug/Kg
74-97-5	Bromochloromethane	ND	206		ug/Kg
75-27-4	Bromodichloromethane	ND	206		ug/Kg
75-25-2	Bromoform	ND	206		ug/Kg
74-83-9	Bromomethane	ND	206		ug/Kg
75-15-0	Carbon disulfide	ND	206		ug/Kg
56-23-5	Carbon tetrachloride	ND	206		ug/Kg
108-90-7	Chlorobenzene	ND	206		ug/Kg
75-00-3	Chloroethane	ND	206		ug/Kg
67-66-3	Chloroform	ND	206		ug/Kg
74-87-3	Chloromethane	ND	206		ug/Kg
124-48-1	Dibromochloromethane	ND	206		ug/Kg
74-95-3	Dibromomethane	ND	206		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	206		ug/Kg
100-41-4	Ethylbenzene	ND	206		ug/Kg
87-68-3	Hexachlorobutadiene	ND	206		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	206		ug/Kg
74-88-4	Methyl iodide	ND	206		ug/Kg
75-09-2	Methylene chloride	ND	412		ug/Kg
91-20-3	Naphthalene	ND	206		ug/Kg
100-42-5	Styrene	ND	206		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202203	**SA-10 @ 20'**	Solid	01/17/2014 10:10	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 01:23	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**4220**	**206**		**ug/Kg**
108-88-3	Toluene	ND	206		ug/Kg
79-01-6	Trichloroethene	ND	206		ug/Kg
75-69-4	Trichlorofluoromethane	ND	206		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	206		ug/Kg
75-01-4	Vinyl chloride	ND	206		ug/Kg
1330-20-7	Xylene (total)	ND	412		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**481**	**206**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	206		ug/Kg
136777-61-2	m,p-Xylene	ND	206		ug/Kg
104-51-8	n-Butylbenzene	ND	206		ug/Kg
103-65-1	n-Propylbenzene	ND	206		ug/Kg
95-47-6	o-Xylene	ND	206		ug/Kg
135-98-8	sec-Butylbenzene	ND	206		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	206		ug/Kg
98-06-6	tert-Butylbenzene	ND	206		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	206		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	206		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	206		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2060	2230	ug/Kg	108	62 - 127
1868-53-7	Dibromofluoromethane	2060	2080	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	2060	2160	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2060	2040	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202204	**SA-10 @ 30'**	Solid	01/17/2014 10:10	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 01:45	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	237		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	237		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	237		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	237		ug/Kg
75-34-3	1,1-Dichloroethane	ND	237		ug/Kg
75-35-4	1,1-Dichloroethene	ND	237		ug/Kg
563-58-6	1,1-Dichloropropene	ND	237		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	237		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	237		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	237		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	237		ug/Kg
106-93-4	1,2-Dibromoethane	ND	237		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	237		ug/Kg
107-06-2	1,2-Dichloroethane	ND	237		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	473		ug/Kg
78-87-5	1,2-Dichloropropane	ND	237		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	237		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	237		ug/Kg
142-28-9	1,3-Dichloropropane	ND	237		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	237		ug/Kg
594-20-7	2,2-Dichloropropane	ND	237		ug/Kg
78-93-3	2-Butanone	ND	237		ug/Kg
95-49-8	2-Chlorotoluene	ND	237		ug/Kg
591-78-6	2-Hexanone	ND	237		ug/Kg
106-43-4	4-Chlorotoluene	ND	237		ug/Kg
99-87-6	4-Isopropyltoluene	ND	237		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	237		ug/Kg
67-64-1	Acetone	ND	1180		ug/Kg
71-43-2	Benzene	ND	237		ug/Kg
108-86-1	Bromobenzene	ND	237		ug/Kg
74-97-5	Bromochloromethane	ND	237		ug/Kg
75-27-4	Bromodichloromethane	ND	237		ug/Kg
75-25-2	Bromoform	ND	237		ug/Kg
74-83-9	Bromomethane	ND	237		ug/Kg
75-15-0	Carbon disulfide	ND	237		ug/Kg
56-23-5	Carbon tetrachloride	ND	237		ug/Kg
108-90-7	Chlorobenzene	ND	237		ug/Kg
75-00-3	Chloroethane	ND	237		ug/Kg
67-66-3	Chloroform	ND	237		ug/Kg
74-87-3	Chloromethane	ND	237		ug/Kg
124-48-1	Dibromochloromethane	ND	237		ug/Kg
74-95-3	Dibromomethane	ND	237		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	237		ug/Kg
100-41-4	Ethylbenzene	ND	237		ug/Kg
87-68-3	Hexachlorobutadiene	ND	237		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	237		ug/Kg
74-88-4	Methyl iodide	ND	237		ug/Kg
75-09-2	Methylene chloride	ND	473		ug/Kg
91-20-3	Naphthalene	ND	237		ug/Kg
100-42-5	Styrene	ND	237		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202204	**SA-10 @ 30'**	Solid	01/17/2014 10:10	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 01:45	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**1040**	**237**		**ug/Kg**
108-88-3	Toluene	ND	237		ug/Kg
79-01-6	Trichloroethene	ND	237		ug/Kg
75-69-4	Trichlorofluoromethane	ND	237		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	237		ug/Kg
75-01-4	Vinyl chloride	ND	237		ug/Kg
1330-20-7	Xylene (total)	ND	473		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	237		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	237		ug/Kg
136777-61-2	m,p-Xylene	ND	237		ug/Kg
104-51-8	n-Butylbenzene	ND	237		ug/Kg
103-65-1	n-Propylbenzene	ND	237		ug/Kg
95-47-6	o-Xylene	ND	237		ug/Kg
135-98-8	sec-Butylbenzene	ND	237		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	237		ug/Kg
98-06-6	tert-Butylbenzene	ND	237		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	237		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	237		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	237		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2370	2600	ug/Kg	110	62 - 127
1868-53-7	Dibromofluoromethane	2370	2370	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	2370	2510	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2370	2370	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202205	**SA-11 @ 20'**	Solid	01/17/2014 10:51	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/23/2014 21:13	CEK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**622000**	**97700**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	977000	1020000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	977000	977000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	977000	1030000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	977000	978000	ug/Kg	100	62 - 125

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Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 02:51	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	9770		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	9770		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	9770		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	9770		ug/Kg
75-34-3	1,1-Dichloroethane	ND	9770		ug/Kg
75-35-4	1,1-Dichloroethene	ND	9770		ug/Kg
563-58-6	1,1-Dichloropropene	ND	9770		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	9770		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	9770		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	9770		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	9770		ug/Kg
106-93-4	1,2-Dibromoethane	ND	9770		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	9770		ug/Kg
107-06-2	1,2-Dichloroethane	ND	9770		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	19500		ug/Kg
78-87-5	1,2-Dichloropropane	ND	9770		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	9770		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	9770		ug/Kg
142-28-9	1,3-Dichloropropane	ND	9770		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	9770		ug/Kg
594-20-7	2,2-Dichloropropane	ND	9770		ug/Kg
78-93-3	2-Butanone	ND	9770		ug/Kg
95-49-8	2-Chlorotoluene	ND	9770		ug/Kg
591-78-6	2-Hexanone	ND	9770		ug/Kg
106-43-4	4-Chlorotoluene	ND	9770		ug/Kg
99-87-6	4-Isopropyltoluene	ND	9770		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	9770		ug/Kg
67-64-1	Acetone	ND	48800		ug/Kg
71-43-2	Benzene	ND	9770		ug/Kg
108-86-1	Bromobenzene	ND	9770		ug/Kg
74-97-5	Bromochloromethane	ND	9770		ug/Kg
75-27-4	Bromodichloromethane	ND	9770		ug/Kg
75-25-2	Bromoform	ND	9770		ug/Kg
74-83-9	Bromomethane	ND	9770		ug/Kg
75-15-0	Carbon disulfide	ND	9770		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202205	**SA-11 @ 20'**	Solid	01/17/2014 10:51	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 02:51	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	9770		ug/Kg
108-90-7	Chlorobenzene	ND	9770		ug/Kg
75-00-3	Chloroethane	ND	9770		ug/Kg
67-66-3	Chloroform	ND	9770		ug/Kg
74-87-3	Chloromethane	ND	9770		ug/Kg
124-48-1	Dibromochloromethane	ND	9770		ug/Kg
74-95-3	Dibromomethane	ND	9770		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	9770		ug/Kg
100-41-4	Ethylbenzene	ND	9770		ug/Kg
87-68-3	Hexachlorobutadiene	ND	9770		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	9770		ug/Kg
74-88-4	Methyl iodide	ND	9770		ug/Kg
75-09-2	Methylene chloride	ND	19500		ug/Kg
91-20-3	Naphthalene	ND	9770		ug/Kg
100-42-5	Styrene	ND	9770		ug/Kg
108-88-3	Toluene	ND	9770		ug/Kg
79-01-6	Trichloroethene	ND	9770		ug/Kg
75-69-4	Trichlorofluoromethane	ND	9770		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	9770		ug/Kg
75-01-4	Vinyl chloride	ND	9770		ug/Kg
1330-20-7	Xylene (total)	ND	19500		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	9770		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	9770		ug/Kg
136777-61-2	m,p-Xylene	ND	9770		ug/Kg
104-51-8	n-Butylbenzene	ND	9770		ug/Kg
103-65-1	n-Propylbenzene	ND	9770		ug/Kg
95-47-6	o-Xylene	ND	9770		ug/Kg
135-98-8	sec-Butylbenzene	ND	9770		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	9770		ug/Kg
98-06-6	tert-Butylbenzene	ND	9770		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	9770		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	9770		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	9770		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	97700	103000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	97700	97200	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	97700	103000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	97700	96100	ug/Kg	98	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202206	**SA-11 @ 30'**	Solid	01/17/2014 10:51	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2500	01/23/2014 21:35	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**156000**	**13000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	130000	134000	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	130000	128000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	130000	137000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	130000	129000	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/24/2014 03:13	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1300		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1300		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1300		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1300		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1300		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1300		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1300		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1300		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1300		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1300		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1300		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1300		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1300		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1300		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	2590		ug/Kg
78-87-5	1,2-Dichloropropane	ND	1300		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1300		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1300		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1300		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1300		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1300		ug/Kg
78-93-3	2-Butanone	ND	1300		ug/Kg
95-49-8	2-Chlorotoluene	ND	1300		ug/Kg
591-78-6	2-Hexanone	ND	1300		ug/Kg
106-43-4	4-Chlorotoluene	ND	1300		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1300		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1300		ug/Kg
67-64-1	Acetone	ND	6480		ug/Kg
71-43-2	Benzene	ND	1300		ug/Kg
108-86-1	Bromobenzene	ND	1300		ug/Kg
74-97-5	Bromochloromethane	ND	1300		ug/Kg
75-27-4	Bromodichloromethane	ND	1300		ug/Kg
75-25-2	Bromoform	ND	1300		ug/Kg
74-83-9	Bromomethane	ND	1300		ug/Kg
75-15-0	Carbon disulfide	ND	1300		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202206	**SA-11 @ 30'**	Solid	01/17/2014 10:51	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/24/2014 03:13	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	1300		ug/Kg
108-90-7	Chlorobenzene	ND	1300		ug/Kg
75-00-3	Chloroethane	ND	1300		ug/Kg
67-66-3	Chloroform	ND	1300		ug/Kg
74-87-3	Chloromethane	ND	1300		ug/Kg
124-48-1	Dibromochloromethane	ND	1300		ug/Kg
74-95-3	Dibromomethane	ND	1300		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1300		ug/Kg
100-41-4	Ethylbenzene	ND	1300		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1300		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1300		ug/Kg
74-88-4	Methyl iodide	ND	1300		ug/Kg
75-09-2	Methylene chloride	ND	2590		ug/Kg
91-20-3	Naphthalene	ND	1300		ug/Kg
100-42-5	Styrene	ND	1300		ug/Kg
108-88-3	Toluene	ND	1300		ug/Kg
79-01-6	Trichloroethene	ND	1300		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1300		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1300		ug/Kg
75-01-4	Vinyl chloride	ND	1300		ug/Kg
1330-20-7	Xylene (total)	ND	2590		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	1300		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	1300		ug/Kg
136777-61-2	m,p-Xylene	ND	1300		ug/Kg
104-51-8	n-Butylbenzene	ND	1300		ug/Kg
103-65-1	n-Propylbenzene	ND	1300		ug/Kg
95-47-6	o-Xylene	ND	1300		ug/Kg
135-98-8	sec-Butylbenzene	ND	1300		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1300		ug/Kg
98-06-6	tert-Butylbenzene	ND	1300		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1300		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1300		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1300		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	13000	13700	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	13000	13000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	13000	13700	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	13000	13000	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202207	**SA-12 @ 15'**	Solid	01/17/2014 11:20	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			400000	01/23/2014 21:59	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**8300000**	**1710000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	17100000	17500000	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	17100000	17000000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	17100000	18000000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	17100000	17500000	ug/Kg	102	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40000	01/24/2014 03:35	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	171000		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	171000		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	171000		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	171000		ug/Kg
75-34-3	1,1-Dichloroethane	ND	171000		ug/Kg
75-35-4	1,1-Dichloroethene	ND	171000		ug/Kg
563-58-6	1,1-Dichloropropene	ND	171000		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	171000		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	171000		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	171000		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	171000		ug/Kg
106-93-4	1,2-Dibromoethane	ND	171000		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	171000		ug/Kg
107-06-2	1,2-Dichloroethane	ND	171000		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	342000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	171000		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	171000		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	171000		ug/Kg
142-28-9	1,3-Dichloropropane	ND	171000		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	171000		ug/Kg
594-20-7	2,2-Dichloropropane	ND	171000		ug/Kg
78-93-3	2-Butanone	ND	171000		ug/Kg
95-49-8	2-Chlorotoluene	ND	171000		ug/Kg
591-78-6	2-Hexanone	ND	171000		ug/Kg
106-43-4	4-Chlorotoluene	ND	171000		ug/Kg
99-87-6	4-Isopropyltoluene	ND	171000		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	171000		ug/Kg
67-64-1	Acetone	ND	855000		ug/Kg
71-43-2	Benzene	ND	171000		ug/Kg
108-86-1	Bromobenzene	ND	171000		ug/Kg
74-97-5	Bromochloromethane	ND	171000		ug/Kg
75-27-4	Bromodichloromethane	ND	171000		ug/Kg
75-25-2	Bromoform	ND	171000		ug/Kg
74-83-9	Bromomethane	ND	171000		ug/Kg
75-15-0	Carbon disulfide	ND	171000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202207	**SA-12 @ 15'**	Solid	01/17/2014 11:20	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40000	01/24/2014 03:35	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	171000		ug/Kg
108-90-7	Chlorobenzene	ND	171000		ug/Kg
75-00-3	Chloroethane	ND	171000		ug/Kg
67-66-3	Chloroform	ND	171000		ug/Kg
74-87-3	Chloromethane	ND	171000		ug/Kg
124-48-1	Dibromochloromethane	ND	171000		ug/Kg
74-95-3	Dibromomethane	ND	171000		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	171000		ug/Kg
100-41-4	Ethylbenzene	ND	171000		ug/Kg
87-68-3	Hexachlorobutadiene	ND	171000		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	171000		ug/Kg
74-88-4	Methyl iodide	ND	171000		ug/Kg
75-09-2	Methylene chloride	ND	342000		ug/Kg
91-20-3	Naphthalene	ND	171000		ug/Kg
100-42-5	Styrene	ND	171000		ug/Kg
108-88-3	Toluene	ND	171000		ug/Kg
79-01-6	**Trichloroethene**	**184000**	**171000**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	171000		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	171000		ug/Kg
75-01-4	Vinyl chloride	ND	171000		ug/Kg
1330-20-7	Xylene (total)	ND	342000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	171000		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	171000		ug/Kg
136777-61-2	m,p-Xylene	ND	171000		ug/Kg
104-51-8	n-Butylbenzene	ND	171000		ug/Kg
103-65-1	n-Propylbenzene	ND	171000		ug/Kg
95-47-6	o-Xylene	ND	171000		ug/Kg
135-98-8	sec-Butylbenzene	ND	171000		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	171000		ug/Kg
98-06-6	tert-Butylbenzene	ND	171000		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	171000		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	171000		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	171000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1710000	1810000	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	1710000	1680000	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	1710000	1810000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1710000	1690000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202208	**SA-12 @ 30'**	Solid	01/17/2014 11:20	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/23/2014 22:24	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**1920000**	**133000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1330000	1360000	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	1330000	1320000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	1330000	1410000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1330000	1320000	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 03:57	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	13300		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	13300		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	13300		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	13300		ug/Kg
75-34-3	1,1-Dichloroethane	ND	13300		ug/Kg
75-35-4	1,1-Dichloroethene	ND	13300		ug/Kg
563-58-6	1,1-Dichloropropene	ND	13300		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	13300		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	13300		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	13300		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	13300		ug/Kg
106-93-4	1,2-Dibromoethane	ND	13300		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	13300		ug/Kg
107-06-2	1,2-Dichloroethane	ND	13300		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	26600		ug/Kg
78-87-5	1,2-Dichloropropane	ND	13300		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	13300		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	13300		ug/Kg
142-28-9	1,3-Dichloropropane	ND	13300		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	13300		ug/Kg
594-20-7	2,2-Dichloropropane	ND	13300		ug/Kg
78-93-3	2-Butanone	ND	13300		ug/Kg
95-49-8	2-Chlorotoluene	ND	13300		ug/Kg
591-78-6	2-Hexanone	ND	13300		ug/Kg
106-43-4	4-Chlorotoluene	ND	13300		ug/Kg
99-87-6	4-Isopropyltoluene	ND	13300		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	13300		ug/Kg
67-64-1	Acetone	ND	66500		ug/Kg
71-43-2	Benzene	ND	13300		ug/Kg
108-86-1	Bromobenzene	ND	13300		ug/Kg
74-97-5	Bromochloromethane	ND	13300		ug/Kg
75-27-4	Bromodichloromethane	ND	13300		ug/Kg
75-25-2	Bromoform	ND	13300		ug/Kg
74-83-9	Bromomethane	ND	13300		ug/Kg
75-15-0	Carbon disulfide	ND	13300		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202208	**SA-12 @ 30'**	Solid	01/17/2014 11:20	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 03:57	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	13300		ug/Kg
108-90-7	Chlorobenzene	ND	13300		ug/Kg
75-00-3	Chloroethane	ND	13300		ug/Kg
67-66-3	Chloroform	ND	13300		ug/Kg
74-87-3	Chloromethane	ND	13300		ug/Kg
124-48-1	Dibromochloromethane	ND	13300		ug/Kg
74-95-3	Dibromomethane	ND	13300		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	13300		ug/Kg
100-41-4	Ethylbenzene	ND	13300		ug/Kg
87-68-3	Hexachlorobutadiene	ND	13300		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	13300		ug/Kg
74-88-4	Methyl iodide	ND	13300		ug/Kg
75-09-2	Methylene chloride	ND	26600		ug/Kg
91-20-3	Naphthalene	ND	13300		ug/Kg
100-42-5	Styrene	ND	13300		ug/Kg
108-88-3	Toluene	ND	13300		ug/Kg
79-01-6	Trichloroethene	ND	13300		ug/Kg
75-69-4	Trichlorofluoromethane	ND	13300		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	13300		ug/Kg
75-01-4	Vinyl chloride	ND	13300		ug/Kg
1330-20-7	Xylene (total)	ND	26600		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	13300		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	13300		ug/Kg
136777-61-2	m,p-Xylene	ND	13300		ug/Kg
104-51-8	n-Butylbenzene	ND	13300		ug/Kg
103-65-1	n-Propylbenzene	ND	13300		ug/Kg
95-47-6	o-Xylene	ND	13300		ug/Kg
135-98-8	sec-Butylbenzene	ND	13300		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	13300		ug/Kg
98-06-6	tert-Butylbenzene	ND	13300		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	13300		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	13300		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	13300		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	133000	138000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	133000	131000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	133000	139000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	133000	131000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202209	**SA-13 @ 15'**	Solid	01/17/2014 12:42	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			400000	01/23/2014 22:46	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**15200000**	**1650000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	16500000	17200000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	16500000	16700000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	16500000	17400000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	16500000	16800000	ug/Kg	102	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40000	01/24/2014 04:19	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	165000		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	165000		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	165000		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	165000		ug/Kg
75-34-3	1,1-Dichloroethane	ND	165000		ug/Kg
75-35-4	1,1-Dichloroethene	ND	165000		ug/Kg
563-58-6	1,1-Dichloropropene	ND	165000		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	165000		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	165000		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	165000		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	165000		ug/Kg
106-93-4	1,2-Dibromoethane	ND	165000		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	165000		ug/Kg
107-06-2	1,2-Dichloroethane	ND	165000		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	330000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	165000		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	165000		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	165000		ug/Kg
142-28-9	1,3-Dichloropropane	ND	165000		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	165000		ug/Kg
594-20-7	2,2-Dichloropropane	ND	165000		ug/Kg
78-93-3	2-Butanone	ND	165000		ug/Kg
95-49-8	2-Chlorotoluene	ND	165000		ug/Kg
591-78-6	2-Hexanone	ND	165000		ug/Kg
106-43-4	4-Chlorotoluene	ND	165000		ug/Kg
99-87-6	4-Isopropyltoluene	ND	165000		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	165000		ug/Kg
67-64-1	Acetone	ND	825000		ug/Kg
71-43-2	Benzene	ND	165000		ug/Kg
108-86-1	Bromobenzene	ND	165000		ug/Kg
74-97-5	Bromochloromethane	ND	165000		ug/Kg
75-27-4	Bromodichloromethane	ND	165000		ug/Kg
75-25-2	Bromoform	ND	165000		ug/Kg
74-83-9	Bromomethane	ND	165000		ug/Kg
75-15-0	Carbon disulfide	ND	165000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202209	**SA-13 @ 15'**	Solid	01/17/2014 12:42	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40000	01/24/2014 04:19	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	165000		ug/Kg
108-90-7	Chlorobenzene	ND	165000		ug/Kg
75-00-3	Chloroethane	ND	165000		ug/Kg
67-66-3	Chloroform	ND	165000		ug/Kg
74-87-3	Chloromethane	ND	165000		ug/Kg
124-48-1	Dibromochloromethane	ND	165000		ug/Kg
74-95-3	Dibromomethane	ND	165000		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	165000		ug/Kg
100-41-4	Ethylbenzene	ND	165000		ug/Kg
87-68-3	Hexachlorobutadiene	ND	165000		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	165000		ug/Kg
74-88-4	Methyl iodide	ND	165000		ug/Kg
75-09-2	Methylene chloride	ND	330000		ug/Kg
91-20-3	Naphthalene	ND	165000		ug/Kg
100-42-5	Styrene	ND	165000		ug/Kg
108-88-3	Toluene	ND	165000		ug/Kg
79-01-6	**Trichloroethene**	**1690000**	**165000**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	165000		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	165000		ug/Kg
75-01-4	Vinyl chloride	ND	165000		ug/Kg
1330-20-7	Xylene (total)	ND	330000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	165000		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	165000		ug/Kg
136777-61-2	m,p-Xylene	ND	165000		ug/Kg
104-51-8	n-Butylbenzene	ND	165000		ug/Kg
103-65-1	n-Propylbenzene	ND	165000		ug/Kg
95-47-6	o-Xylene	ND	165000		ug/Kg
135-98-8	sec-Butylbenzene	ND	165000		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	165000		ug/Kg
98-06-6	tert-Butylbenzene	ND	165000		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	165000		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	165000		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	165000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1650000	1710000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	1650000	1630000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	1650000	1730000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1650000	1600000	ug/Kg	97	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202210	**SA-13 @ 30'**	Solid	01/17/2014 12:42	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100000	01/23/2014 23:08	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**2950000**	**755000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	7550000	7900000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	7550000	7520000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	7550000	8030000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	7550000	7470000	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/24/2014 04:41	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	75500		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	75500		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	75500		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	75500		ug/Kg
75-34-3	1,1-Dichloroethane	ND	75500		ug/Kg
75-35-4	1,1-Dichloroethene	ND	75500		ug/Kg
563-58-6	1,1-Dichloropropene	ND	75500		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	75500		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	75500		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	75500		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	75500		ug/Kg
106-93-4	1,2-Dibromoethane	ND	75500		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	75500		ug/Kg
107-06-2	1,2-Dichloroethane	ND	75500		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	151000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	75500		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	75500		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	75500		ug/Kg
142-28-9	1,3-Dichloropropane	ND	75500		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	75500		ug/Kg
594-20-7	2,2-Dichloropropane	ND	75500		ug/Kg
78-93-3	2-Butanone	ND	75500		ug/Kg
95-49-8	2-Chlorotoluene	ND	75500		ug/Kg
591-78-6	2-Hexanone	ND	75500		ug/Kg
106-43-4	4-Chlorotoluene	ND	75500		ug/Kg
99-87-6	4-Isopropyltoluene	ND	75500		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	75500		ug/Kg
67-64-1	Acetone	ND	378000		ug/Kg
71-43-2	Benzene	ND	75500		ug/Kg
108-86-1	Bromobenzene	ND	75500		ug/Kg
74-97-5	Bromochloromethane	ND	75500		ug/Kg
75-27-4	Bromodichloromethane	ND	75500		ug/Kg
75-25-2	Bromoform	ND	75500		ug/Kg
74-83-9	Bromomethane	ND	75500		ug/Kg
75-15-0	Carbon disulfide	ND	75500		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202210	**SA-13 @ 30'**	Solid	01/17/2014 12:42	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/24/2014 04:41	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	75500		ug/Kg
108-90-7	Chlorobenzene	ND	75500		ug/Kg
75-00-3	Chloroethane	ND	75500		ug/Kg
67-66-3	Chloroform	ND	75500		ug/Kg
74-87-3	Chloromethane	ND	75500		ug/Kg
124-48-1	Dibromochloromethane	ND	75500		ug/Kg
74-95-3	Dibromomethane	ND	75500		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	75500		ug/Kg
100-41-4	Ethylbenzene	ND	75500		ug/Kg
87-68-3	Hexachlorobutadiene	ND	75500		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	75500		ug/Kg
74-88-4	Methyl iodide	ND	75500		ug/Kg
75-09-2	Methylene chloride	ND	151000		ug/Kg
91-20-3	Naphthalene	ND	75500		ug/Kg
100-42-5	Styrene	ND	75500		ug/Kg
108-88-3	Toluene	ND	75500		ug/Kg
79-01-6	Trichloroethene	ND	75500		ug/Kg
75-69-4	Trichlorofluoromethane	ND	75500		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	75500		ug/Kg
75-01-4	Vinyl chloride	ND	75500		ug/Kg
1330-20-7	Xylene (total)	ND	151000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	75500		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	75500		ug/Kg
136777-61-2	m,p-Xylene	ND	75500		ug/Kg
104-51-8	n-Butylbenzene	ND	75500		ug/Kg
103-65-1	n-Propylbenzene	ND	75500		ug/Kg
95-47-6	o-Xylene	ND	75500		ug/Kg
135-98-8	sec-Butylbenzene	ND	75500		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	75500		ug/Kg
98-06-6	tert-Butylbenzene	ND	75500		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	75500		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	75500		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	75500		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	755000	789000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	755000	748000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	755000	795000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	755000	749000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202211	**SA-14 @ 15'**	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			400000	01/23/2014 23:31	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**5450000**	**1040000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	10400000	10800000	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	10400000	10400000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	10400000	11100000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	10400000	10400000	ug/Kg	100	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40000	01/24/2014 05:03	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	104000		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	104000		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	104000		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	104000		ug/Kg
75-34-3	1,1-Dichloroethane	ND	104000		ug/Kg
75-35-4	1,1-Dichloroethene	ND	104000		ug/Kg
563-58-6	1,1-Dichloropropene	ND	104000		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	104000		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	104000		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	104000		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	104000		ug/Kg
106-93-4	1,2-Dibromoethane	ND	104000		ug/Kg
95-50-1	**1,2-Dichlorobenzene**	**150000**	**104000**		**ug/Kg**
107-06-2	1,2-Dichloroethane	ND	104000		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	209000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	104000		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	104000		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	104000		ug/Kg
142-28-9	1,3-Dichloropropane	ND	104000		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	104000		ug/Kg
594-20-7	2,2-Dichloropropane	ND	104000		ug/Kg
78-93-3	2-Butanone	ND	104000		ug/Kg
95-49-8	2-Chlorotoluene	ND	104000		ug/Kg
591-78-6	2-Hexanone	ND	104000		ug/Kg
106-43-4	4-Chlorotoluene	ND	104000		ug/Kg
99-87-6	4-Isopropyltoluene	ND	104000		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	104000		ug/Kg
67-64-1	Acetone	ND	522000		ug/Kg
71-43-2	Benzene	ND	104000		ug/Kg
108-86-1	Bromobenzene	ND	104000		ug/Kg
74-97-5	Bromochloromethane	ND	104000		ug/Kg
75-27-4	Bromodichloromethane	ND	104000		ug/Kg
75-25-2	Bromoform	ND	104000		ug/Kg
74-83-9	Bromomethane	ND	104000		ug/Kg
75-15-0	Carbon disulfide	ND	104000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202211	**SA-14 @ 15'**	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40000	01/24/2014 05:03	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	104000		ug/Kg
108-90-7	Chlorobenzene	ND	104000		ug/Kg
75-00-3	Chloroethane	ND	104000		ug/Kg
67-66-3	Chloroform	ND	104000		ug/Kg
74-87-3	Chloromethane	ND	104000		ug/Kg
124-48-1	Dibromochloromethane	ND	104000		ug/Kg
74-95-3	Dibromomethane	ND	104000		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	104000		ug/Kg
100-41-4	Ethylbenzene	ND	104000		ug/Kg
87-68-3	Hexachlorobutadiene	ND	104000		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	104000		ug/Kg
74-88-4	Methyl iodide	ND	104000		ug/Kg
75-09-2	Methylene chloride	ND	209000		ug/Kg
91-20-3	Naphthalene	ND	104000		ug/Kg
100-42-5	Styrene	ND	104000		ug/Kg
108-88-3	Toluene	ND	104000		ug/Kg
79-01-6	**Trichloroethene**	**3310000**	**104000**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	104000		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	104000		ug/Kg
75-01-4	Vinyl chloride	ND	104000		ug/Kg
1330-20-7	Xylene (total)	ND	209000		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**180000**	**104000**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	104000		ug/Kg
136777-61-2	m,p-Xylene	ND	104000		ug/Kg
104-51-8	n-Butylbenzene	ND	104000		ug/Kg
103-65-1	n-Propylbenzene	ND	104000		ug/Kg
95-47-6	o-Xylene	ND	104000		ug/Kg
135-98-8	sec-Butylbenzene	ND	104000		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	104000		ug/Kg
98-06-6	tert-Butylbenzene	ND	104000		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	104000		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	104000		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	104000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1040000	1090000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	1040000	1040000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	1040000	1090000	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1040000	1040000	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202212	**SA-14 @ 20'**	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/23/2014 23:53	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**445000**	**44100**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	441000	451000	ug/Kg	102	62 - 127
1868-53-7	Dibromofluoromethane	441000	439000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	441000	464000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	441000	450000	ug/Kg	102	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 05:25	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	4410		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	4410		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	4410		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	4410		ug/Kg
75-34-3	1,1-Dichloroethane	ND	4410		ug/Kg
75-35-4	1,1-Dichloroethene	ND	4410		ug/Kg
563-58-6	1,1-Dichloropropene	ND	4410		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	4410		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	4410		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	4410		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	4410		ug/Kg
106-93-4	1,2-Dibromoethane	ND	4410		ug/Kg
95-50-1	**1,2-Dichlorobenzene**	**16000**	**4410**		**ug/Kg**
107-06-2	1,2-Dichloroethane	ND	4410		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	8820		ug/Kg
78-87-5	1,2-Dichloropropane	ND	4410		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	4410		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	4410		ug/Kg
142-28-9	1,3-Dichloropropane	ND	4410		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	4410		ug/Kg
594-20-7	2,2-Dichloropropane	ND	4410		ug/Kg
78-93-3	2-Butanone	ND	4410		ug/Kg
95-49-8	2-Chlorotoluene	ND	4410		ug/Kg
591-78-6	2-Hexanone	ND	4410		ug/Kg
106-43-4	4-Chlorotoluene	ND	4410		ug/Kg
99-87-6	4-Isopropyltoluene	ND	4410		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	4410		ug/Kg
67-64-1	Acetone	ND	22000		ug/Kg
71-43-2	Benzene	ND	4410		ug/Kg
108-86-1	Bromobenzene	ND	4410		ug/Kg
74-97-5	Bromochloromethane	ND	4410		ug/Kg
75-27-4	Bromodichloromethane	ND	4410		ug/Kg
75-25-2	Bromoform	ND	4410		ug/Kg
74-83-9	Bromomethane	ND	4410		ug/Kg
75-15-0	Carbon disulfide	ND	4410		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202212	**SA-14 @ 20'**	Solid	01/17/2014 13:17	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/24/2014 05:25	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	4410		ug/Kg
108-90-7	Chlorobenzene	ND	4410		ug/Kg
75-00-3	Chloroethane	ND	4410		ug/Kg
67-66-3	Chloroform	ND	4410		ug/Kg
74-87-3	Chloromethane	ND	4410		ug/Kg
124-48-1	Dibromochloromethane	ND	4410		ug/Kg
74-95-3	Dibromomethane	ND	4410		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	4410		ug/Kg
100-41-4	Ethylbenzene	ND	4410		ug/Kg
87-68-3	Hexachlorobutadiene	ND	4410		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	4410		ug/Kg
74-88-4	Methyl iodide	ND	4410		ug/Kg
75-09-2	Methylene chloride	ND	8820		ug/Kg
91-20-3	Naphthalene	ND	4410		ug/Kg
100-42-5	Styrene	ND	4410		ug/Kg
108-88-3	Toluene	ND	4410		ug/Kg
79-01-6	**Trichloroethene**	**44000**	**4410**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	4410		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	4410		ug/Kg
75-01-4	Vinyl chloride	ND	4410		ug/Kg
1330-20-7	Xylene (total)	ND	8820		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**4850**	**4410**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	4410		ug/Kg
136777-61-2	m,p-Xylene	ND	4410		ug/Kg
104-51-8	n-Butylbenzene	ND	4410		ug/Kg
103-65-1	n-Propylbenzene	ND	4410		ug/Kg
95-47-6	o-Xylene	ND	4410		ug/Kg
135-98-8	sec-Butylbenzene	ND	4410		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	4410		ug/Kg
98-06-6	tert-Butylbenzene	ND	4410		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	4410		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	4410		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	4410		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	44100	46800	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	44100	44000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	44100	46200	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	44100	43200	ug/Kg	98	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202213	**SA-15 @ 10'**	Solid	01/17/2014 14:08	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/24/2014 00:15	AMD	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**199000**	**18200**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	182000	188000	ug/Kg	103	62 - 127
1868-53-7	Dibromofluoromethane	182000	181000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	182000	193000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	182000	181000	ug/Kg	100	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/24/2014 05:47	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1820		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1820		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1820		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1820		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1820		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1820		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1820		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1820		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1820		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1820		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1820		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1820		ug/Kg
95-50-1	**1,2-Dichlorobenzene**	**2670**	**1820**		**ug/Kg**
107-06-2	1,2-Dichloroethane	ND	1820		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**9210**	**3630**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	1820		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1820		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1820		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1820		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1820		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1820		ug/Kg
78-93-3	2-Butanone	ND	1820		ug/Kg
95-49-8	2-Chlorotoluene	ND	1820		ug/Kg
591-78-6	2-Hexanone	ND	1820		ug/Kg
106-43-4	4-Chlorotoluene	ND	1820		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1820		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1820		ug/Kg
67-64-1	Acetone	ND	9080		ug/Kg
71-43-2	Benzene	ND	1820		ug/Kg
108-86-1	Bromobenzene	ND	1820		ug/Kg
74-97-5	Bromochloromethane	ND	1820		ug/Kg
75-27-4	Bromodichloromethane	ND	1820		ug/Kg
75-25-2	Bromoform	ND	1820		ug/Kg
74-83-9	Bromomethane	ND	1820		ug/Kg
75-15-0	Carbon disulfide	ND	1820		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202213	**SA-15 @ 10'**	Solid	01/17/2014 14:08	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/24/2014 05:47	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	1820		ug/Kg
108-90-7	Chlorobenzene	ND	1820		ug/Kg
75-00-3	Chloroethane	ND	1820		ug/Kg
67-66-3	Chloroform	ND	1820		ug/Kg
74-87-3	Chloromethane	ND	1820		ug/Kg
124-48-1	Dibromochloromethane	ND	1820		ug/Kg
74-95-3	Dibromomethane	ND	1820		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1820		ug/Kg
100-41-4	Ethylbenzene	ND	1820		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1820		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1820		ug/Kg
74-88-4	Methyl iodide	ND	1820		ug/Kg
75-09-2	Methylene chloride	ND	3630		ug/Kg
91-20-3	Naphthalene	ND	1820		ug/Kg
100-42-5	Styrene	ND	1820		ug/Kg
108-88-3	Toluene	ND	1820		ug/Kg
79-01-6	**Trichloroethene**	**17100**	**1820**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	1820		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1820		ug/Kg
75-01-4	Vinyl chloride	ND	1820		ug/Kg
1330-20-7	Xylene (total)	ND	3630		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**9000**	**1820**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	1820		ug/Kg
136777-61-2	m,p-Xylene	ND	1820		ug/Kg
104-51-8	n-Butylbenzene	ND	1820		ug/Kg
103-65-1	n-Propylbenzene	ND	1820		ug/Kg
95-47-6	o-Xylene	ND	1820		ug/Kg
135-98-8	sec-Butylbenzene	ND	1820		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1820		ug/Kg
98-06-6	tert-Butylbenzene	ND	1820		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1820		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1820		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1820		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	18200	19200	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	18200	18100	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	18200	19300	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	18200	18000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202214	**SA-15 @ 30'**	Solid	01/17/2014 14:08	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 16:18	KRH	524274

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.16		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	3.16		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.16		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	3.16		ug/Kg
75-34-3	1,1-Dichloroethane	ND	3.16		ug/Kg
75-35-4	1,1-Dichloroethene	ND	3.16		ug/Kg
563-58-6	1,1-Dichloropropene	ND	3.16		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	3.16		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	3.16		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	3.16		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.16		ug/Kg
106-93-4	1,2-Dibromoethane	ND	3.16		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	3.16		ug/Kg
107-06-2	1,2-Dichloroethane	ND	3.16		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**12.8**	**6.31**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	3.16		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	3.16		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	3.16		ug/Kg
142-28-9	1,3-Dichloropropane	ND	3.16		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	3.16		ug/Kg
594-20-7	2,2-Dichloropropane	ND	3.16		ug/Kg
78-93-3	2-Butanone	ND	3.16		ug/Kg
95-49-8	2-Chlorotoluene	ND	3.16		ug/Kg
591-78-6	2-Hexanone	ND	3.16		ug/Kg
106-43-4	4-Chlorotoluene	ND	3.16		ug/Kg
99-87-6	4-Isopropyltoluene	ND	3.16		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	3.16		ug/Kg
67-64-1	Acetone	ND	15.8		ug/Kg
71-43-2	Benzene	ND	3.16		ug/Kg
108-86-1	Bromobenzene	ND	3.16		ug/Kg
74-97-5	Bromochloromethane	ND	3.16		ug/Kg
75-27-4	Bromodichloromethane	ND	3.16		ug/Kg
75-25-2	Bromoform	ND	3.16		ug/Kg
74-83-9	Bromomethane	ND	3.16		ug/Kg
75-15-0	Carbon disulfide	ND	3.16		ug/Kg
56-23-5	Carbon tetrachloride	ND	3.16		ug/Kg
108-90-7	Chlorobenzene	ND	3.16		ug/Kg
75-00-3	Chloroethane	ND	3.16		ug/Kg
67-66-3	Chloroform	ND	3.16		ug/Kg
74-87-3	Chloromethane	ND	3.16		ug/Kg
124-48-1	Dibromochloromethane	ND	3.16		ug/Kg
74-95-3	Dibromomethane	ND	3.16		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	3.16		ug/Kg
100-41-4	Ethylbenzene	ND	3.16		ug/Kg
87-68-3	Hexachlorobutadiene	ND	3.16		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	3.16		ug/Kg
74-88-4	Methyl iodide	ND	3.16		ug/Kg
75-09-2	Methylene chloride	ND	6.31		ug/Kg
91-20-3	Naphthalene	ND	3.16		ug/Kg
100-42-5	Styrene	ND	3.16		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202214	**SA-15 @ 30'**	Solid	01/17/2014 14:08	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 16:18	KRH	524274

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**8.12**	**3.16**		**ug/Kg**
108-88-3	Toluene	ND	3.16		ug/Kg
79-01-6	Trichloroethene	ND	3.16		ug/Kg
75-69-4	Trichlorofluoromethane	ND	3.16		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	3.16		ug/Kg
75-01-4	Vinyl chloride	ND	3.16		ug/Kg
1330-20-7	Xylene (total)	ND	6.31		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**12.8**	**3.16**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	3.16		ug/Kg
136777-61-2	m,p-Xylene	ND	3.16		ug/Kg
104-51-8	n-Butylbenzene	ND	3.16		ug/Kg
103-65-1	n-Propylbenzene	ND	3.16		ug/Kg
95-47-6	o-Xylene	ND	3.16		ug/Kg
135-98-8	sec-Butylbenzene	ND	3.16		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	3.16		ug/Kg
98-06-6	tert-Butylbenzene	ND	3.16		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	3.16		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	3.16		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	3.16		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	31.6	37	ug/Kg	117	62 - 127
1868-53-7	Dibromofluoromethane	31.6	32.6	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	31.6	34.9	ug/Kg	111	71 - 132
17060-07-0	1,2-Dichloroethane-d4	31.6	31.3	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202215	**SA-1 @ 20'**	Solid	01/16/2014 09:50	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 02:07	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	79.9		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	79.9		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	79.9		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	79.9		ug/Kg
75-34-3	1,1-Dichloroethane	ND	79.9		ug/Kg
75-35-4	1,1-Dichloroethene	ND	79.9		ug/Kg
563-58-6	1,1-Dichloropropene	ND	79.9		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	79.9		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	79.9		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	79.9		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	79.9		ug/Kg
106-93-4	1,2-Dibromoethane	ND	79.9		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	79.9		ug/Kg
107-06-2	1,2-Dichloroethane	ND	79.9		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**428**	**160**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	79.9		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	79.9		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	79.9		ug/Kg
142-28-9	1,3-Dichloropropane	ND	79.9		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	79.9		ug/Kg
594-20-7	2,2-Dichloropropane	ND	79.9		ug/Kg
78-93-3	2-Butanone	ND	79.9		ug/Kg
95-49-8	2-Chlorotoluene	ND	79.9		ug/Kg
591-78-6	2-Hexanone	ND	79.9		ug/Kg
106-43-4	4-Chlorotoluene	ND	79.9		ug/Kg
99-87-6	4-Isopropyltoluene	ND	79.9		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	79.9		ug/Kg
67-64-1	Acetone	ND	399		ug/Kg
71-43-2	Benzene	ND	79.9		ug/Kg
108-86-1	Bromobenzene	ND	79.9		ug/Kg
74-97-5	Bromochloromethane	ND	79.9		ug/Kg
75-27-4	Bromodichloromethane	ND	79.9		ug/Kg
75-25-2	Bromoform	ND	79.9		ug/Kg
74-83-9	Bromomethane	ND	79.9		ug/Kg
75-15-0	Carbon disulfide	ND	79.9		ug/Kg
56-23-5	Carbon tetrachloride	ND	79.9		ug/Kg
108-90-7	Chlorobenzene	ND	79.9		ug/Kg
75-00-3	Chloroethane	ND	79.9		ug/Kg
67-66-3	Chloroform	ND	79.9		ug/Kg
74-87-3	Chloromethane	ND	79.9		ug/Kg
124-48-1	Dibromochloromethane	ND	79.9		ug/Kg
74-95-3	Dibromomethane	ND	79.9		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	79.9		ug/Kg
100-41-4	Ethylbenzene	ND	79.9		ug/Kg
87-68-3	Hexachlorobutadiene	ND	79.9		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	79.9		ug/Kg
74-88-4	Methyl iodide	ND	79.9		ug/Kg
75-09-2	Methylene chloride	ND	160		ug/Kg
91-20-3	Naphthalene	ND	79.9		ug/Kg
100-42-5	Styrene	ND	79.9		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202215	**SA-1 @ 20'**	Solid	01/16/2014 09:50	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/24/2014 02:07	JCK	524199

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	ND	79.9		ug/Kg
108-88-3	Toluene	ND	79.9		ug/Kg
79-01-6	Trichloroethene	ND	79.9		ug/Kg
75-69-4	Trichlorofluoromethane	ND	79.9		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	79.9		ug/Kg
75-01-4	Vinyl chloride	ND	79.9		ug/Kg
1330-20-7	Xylene (total)	ND	160		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**428**	**79.9**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	79.9		ug/Kg
136777-61-2	m,p-Xylene	ND	79.9		ug/Kg
104-51-8	n-Butylbenzene	ND	79.9		ug/Kg
103-65-1	n-Propylbenzene	ND	79.9		ug/Kg
95-47-6	o-Xylene	ND	79.9		ug/Kg
135-98-8	sec-Butylbenzene	ND	79.9		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	79.9		ug/Kg
98-06-6	tert-Butylbenzene	ND	79.9		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	79.9		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	79.9		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	79.9		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	799	860	ug/Kg	108	62 - 127
1868-53-7	Dibromofluoromethane	799	798	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	799	844	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	799	782	ug/Kg	98	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202216	**SA-1 @ 30'**	Solid	01/16/2014 09:50	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 22:50	CEK	524283

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.86		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.86		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.86		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.86		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.86		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.86		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.86		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.86		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.86		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.86		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.86		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.86		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.86		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.86		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**13.9**	**5.72**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	2.86		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.86		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.86		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.86		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.86		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.86		ug/Kg
78-93-3	**2-Butanone**	**7.49**	**2.86**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	2.86		ug/Kg
591-78-6	2-Hexanone	ND	2.86		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.86		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.86		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.86		ug/Kg
67-64-1	**Acetone**	**112**	**14.3**		**ug/Kg**
71-43-2	Benzene	ND	2.86		ug/Kg
108-86-1	Bromobenzene	ND	2.86		ug/Kg
74-97-5	Bromochloromethane	ND	2.86		ug/Kg
75-27-4	Bromodichloromethane	ND	2.86		ug/Kg
75-25-2	Bromoform	ND	2.86		ug/Kg
74-83-9	Bromomethane	ND	2.86		ug/Kg
75-15-0	Carbon disulfide	ND	2.86		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.86		ug/Kg
108-90-7	Chlorobenzene	ND	2.86		ug/Kg
75-00-3	Chloroethane	ND	2.86		ug/Kg
67-66-3	Chloroform	ND	2.86		ug/Kg
74-87-3	Chloromethane	ND	2.86		ug/Kg
124-48-1	Dibromochloromethane	ND	2.86		ug/Kg
74-95-3	Dibromomethane	ND	2.86		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.86		ug/Kg
100-41-4	Ethylbenzene	ND	2.86		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.86		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.86		ug/Kg
74-88-4	Methyl iodide	ND	2.86		ug/Kg
75-09-2	Methylene chloride	ND	5.72		ug/Kg
91-20-3	Naphthalene	ND	2.86		ug/Kg
100-42-5	Styrene	ND	2.86		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202216	**SA-1 @ 30'**	Solid	01/16/2014 09:50	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 22:50	CEK	524283

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**31.0**	**2.86**		**ug/Kg**
108-88-3	Toluene	ND	2.86		ug/Kg
79-01-6	Trichloroethene	ND	2.86		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.86		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.86		ug/Kg
75-01-4	Vinyl chloride	ND	2.86		ug/Kg
1330-20-7	Xylene (total)	ND	5.72		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**13.9**	**2.86**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.86		ug/Kg
136777-61-2	m,p-Xylene	ND	2.86		ug/Kg
104-51-8	n-Butylbenzene	ND	2.86		ug/Kg
103-65-1	n-Propylbenzene	ND	2.86		ug/Kg
95-47-6	o-Xylene	ND	2.86		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.86		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.86		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.86		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.86		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.86		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.86		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	28.6	32.4	ug/Kg	113	62 - 127
1868-53-7	Dibromofluoromethane	28.6	29.8	ug/Kg	104	65 - 130
2037-26-5	Toluene d8	28.6	31.4	ug/Kg	110	71 - 132
17060-07-0	1,2-Dichloroethane-d4	28.6	28.5	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202217	**SA-2 @ 20'**	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 15:11	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	124		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	124		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	124		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	124		ug/Kg
75-34-3	1,1-Dichloroethane	ND	124		ug/Kg
75-35-4	1,1-Dichloroethene	ND	124		ug/Kg
563-58-6	1,1-Dichloropropene	ND	124		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	124		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	124		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	124		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	124		ug/Kg
106-93-4	1,2-Dibromoethane	ND	124		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	124		ug/Kg
107-06-2	1,2-Dichloroethane	ND	124		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	248		ug/Kg
78-87-5	1,2-Dichloropropane	ND	124		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	124		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	124		ug/Kg
142-28-9	1,3-Dichloropropane	ND	124		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	124		ug/Kg
594-20-7	2,2-Dichloropropane	ND	124		ug/Kg
78-93-3	2-Butanone	ND	124		ug/Kg
95-49-8	2-Chlorotoluene	ND	124		ug/Kg
591-78-6	2-Hexanone	ND	124		ug/Kg
106-43-4	4-Chlorotoluene	ND	124		ug/Kg
99-87-6	4-Isopropyltoluene	ND	124		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	124		ug/Kg
67-64-1	Acetone	ND	619		ug/Kg
71-43-2	Benzene	ND	124		ug/Kg
108-86-1	Bromobenzene	ND	124		ug/Kg
74-97-5	Bromochloromethane	ND	124		ug/Kg
75-27-4	Bromodichloromethane	ND	124		ug/Kg
75-25-2	Bromoform	ND	124		ug/Kg
74-83-9	Bromomethane	ND	124		ug/Kg
75-15-0	Carbon disulfide	ND	124		ug/Kg
56-23-5	Carbon tetrachloride	ND	124		ug/Kg
108-90-7	Chlorobenzene	ND	124		ug/Kg
75-00-3	Chloroethane	ND	124		ug/Kg
67-66-3	Chloroform	ND	124		ug/Kg
74-87-3	Chloromethane	ND	124		ug/Kg
124-48-1	Dibromochloromethane	ND	124		ug/Kg
74-95-3	Dibromomethane	ND	124		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	124		ug/Kg
100-41-4	Ethylbenzene	ND	124		ug/Kg
87-68-3	Hexachlorobutadiene	ND	124		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	124		ug/Kg
74-88-4	Methyl iodide	ND	124		ug/Kg
75-09-2	Methylene chloride	ND	248		ug/Kg
91-20-3	Naphthalene	ND	124		ug/Kg
100-42-5	Styrene	ND	124		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202217	**SA-2 @ 20'**	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 15:11	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**3210**	**124**		**ug/Kg**
108-88-3	Toluene	ND	124		ug/Kg
79-01-6	Trichloroethene	ND	124		ug/Kg
75-69-4	Trichlorofluoromethane	ND	124		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	124		ug/Kg
75-01-4	Vinyl chloride	ND	124		ug/Kg
1330-20-7	Xylene (total)	ND	248		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**246**	**124**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	124		ug/Kg
136777-61-2	m,p-Xylene	ND	124		ug/Kg
104-51-8	n-Butylbenzene	ND	124		ug/Kg
103-65-1	n-Propylbenzene	ND	124		ug/Kg
95-47-6	o-Xylene	ND	124		ug/Kg
135-98-8	sec-Butylbenzene	ND	124		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	124		ug/Kg
98-06-6	tert-Butylbenzene	ND	124		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	124		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	124		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	124		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1240	1330	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	1240	1260	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	1240	1300	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1240	1230	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202218	**SA-2 @ 30'**	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 14:25	AMD	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-64-1	**Acetone**	**1650**	**706**		**ug/Kg**
127-18-4	**Tetrachloroethene**	**180**	**141**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1410	1560	ug/Kg	110	62 - 127
1868-53-7	Dibromofluoromethane	1410	1440	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	1410	1490	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1410	1400	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 23:35	CEK	524283

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.99		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.99		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.99		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.99		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.99		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.99		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.99		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.99		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.99		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.99		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.99		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.99		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.99		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.99		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	5.98		ug/Kg
78-87-5	1,2-Dichloropropane	ND	2.99		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.99		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.99		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.99		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.99		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.99		ug/Kg
78-93-3	**2-Butanone**	**43.4**	**2.99**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	2.99		ug/Kg
591-78-6	**2-Hexanone**	**4.37**	**2.99**		**ug/Kg**
106-43-4	4-Chlorotoluene	ND	2.99		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.99		ug/Kg
108-10-1	**4-Methyl-2-pentanone**	**5.50**	**2.99**		**ug/Kg**
71-43-2	Benzene	ND	2.99		ug/Kg
108-86-1	Bromobenzene	ND	2.99		ug/Kg
74-97-5	Bromochloromethane	ND	2.99		ug/Kg
75-27-4	Bromodichloromethane	ND	2.99		ug/Kg
75-25-2	Bromoform	ND	2.99		ug/Kg
74-83-9	Bromomethane	ND	2.99		ug/Kg
75-15-0	Carbon disulfide	ND	2.99		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202218	**SA-2 @ 30'**	Solid	01/16/2014 10:52	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 23:35	CEK	524283

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	2.99		ug/Kg
108-90-7	Chlorobenzene	ND	2.99		ug/Kg
75-00-3	Chloroethane	ND	2.99		ug/Kg
67-66-3	Chloroform	ND	2.99		ug/Kg
74-87-3	Chloromethane	ND	2.99		ug/Kg
124-48-1	Dibromochloromethane	ND	2.99		ug/Kg
74-95-3	Dibromomethane	ND	2.99		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.99		ug/Kg
100-41-4	Ethylbenzene	ND	2.99		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.99		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.99		ug/Kg
74-88-4	Methyl iodide	ND	2.99		ug/Kg
75-09-2	Methylene chloride	ND	5.98		ug/Kg
91-20-3	**Naphthalene**	**5.98**	**2.99**		**ug/Kg**
100-42-5	Styrene	ND	2.99		ug/Kg
108-88-3	Toluene	ND	2.99		ug/Kg
79-01-6	Trichloroethene	ND	2.99		ug/Kg
75-69-4	Trichlorofluoromethane	ND	2.99		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.99		ug/Kg
75-01-4	Vinyl chloride	ND	2.99		ug/Kg
1330-20-7	Xylene (total)	ND	5.98		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**3.43**	**2.99**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.99		ug/Kg
136777-61-2	m,p-Xylene	ND	2.99		ug/Kg
104-51-8	n-Butylbenzene	ND	2.99		ug/Kg
103-65-1	n-Propylbenzene	ND	2.99		ug/Kg
95-47-6	o-Xylene	ND	2.99		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.99		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.99		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.99		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.99		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.99		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.99		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	29.9	34.3	ug/Kg	115	62 - 127
1868-53-7	Dibromofluoromethane	29.9	30.8	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	29.9	31.6	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	29.9	30.2	ug/Kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202219	**SA-3 @ 15'**	Solid	01/16/2014 11:30	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/25/2014 11:51	AMD	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**40700**	**3360**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	33600	35700	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	33600	34100	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	33600	35700	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	33600	33200	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/25/2014 16:41	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	336		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	336		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	336		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	336		ug/Kg
75-34-3	1,1-Dichloroethane	ND	336		ug/Kg
75-35-4	1,1-Dichloroethene	ND	336		ug/Kg
563-58-6	1,1-Dichloropropene	ND	336		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	336		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	336		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	336		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	336		ug/Kg
106-93-4	1,2-Dibromoethane	ND	336		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	336		ug/Kg
107-06-2	1,2-Dichloroethane	ND	336		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**1170**	**672**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	336		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	336		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	336		ug/Kg
142-28-9	1,3-Dichloropropane	ND	336		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	336		ug/Kg
594-20-7	2,2-Dichloropropane	ND	336		ug/Kg
78-93-3	2-Butanone	ND	336		ug/Kg
95-49-8	2-Chlorotoluene	ND	336		ug/Kg
591-78-6	2-Hexanone	ND	336		ug/Kg
106-43-4	4-Chlorotoluene	ND	336		ug/Kg
99-87-6	4-Isopropyltoluene	ND	336		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	336		ug/Kg
67-64-1	Acetone	ND	1680		ug/Kg
71-43-2	Benzene	ND	336		ug/Kg
108-86-1	Bromobenzene	ND	336		ug/Kg
74-97-5	Bromochloromethane	ND	336		ug/Kg
75-27-4	Bromodichloromethane	ND	336		ug/Kg
75-25-2	Bromoform	ND	336		ug/Kg
74-83-9	Bromomethane	ND	336		ug/Kg
75-15-0	Carbon disulfide	ND	336		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202219	**SA-3 @ 15'**	Solid	01/16/2014 11:30	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/25/2014 16:41	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	336		ug/Kg
108-90-7	Chlorobenzene	ND	336		ug/Kg
75-00-3	Chloroethane	ND	336		ug/Kg
67-66-3	Chloroform	ND	336		ug/Kg
74-87-3	Chloromethane	ND	336		ug/Kg
124-48-1	Dibromochloromethane	ND	336		ug/Kg
74-95-3	Dibromomethane	ND	336		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	336		ug/Kg
100-41-4	Ethylbenzene	ND	336		ug/Kg
87-68-3	Hexachlorobutadiene	ND	336		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	336		ug/Kg
74-88-4	Methyl iodide	ND	336		ug/Kg
75-09-2	Methylene chloride	ND	672		ug/Kg
91-20-3	Naphthalene	ND	336		ug/Kg
100-42-5	Styrene	ND	336		ug/Kg
108-88-3	Toluene	ND	336		ug/Kg
79-01-6	Trichloroethene	ND	336		ug/Kg
75-69-4	Trichlorofluoromethane	ND	336		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	336		ug/Kg
75-01-4	Vinyl chloride	ND	336		ug/Kg
1330-20-7	Xylene (total)	ND	672		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**1170**	**336**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	336		ug/Kg
136777-61-2	m,p-Xylene	ND	336		ug/Kg
104-51-8	n-Butylbenzene	ND	336		ug/Kg
103-65-1	n-Propylbenzene	ND	336		ug/Kg
95-47-6	o-Xylene	ND	336		ug/Kg
135-98-8	sec-Butylbenzene	ND	336		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	336		ug/Kg
98-06-6	tert-Butylbenzene	ND	336		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	336		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	336		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	336		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3360	3590	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	3360	3350	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	3360	3560	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3360	3240	ug/Kg	96	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202220	**SA-3 @ 30'**	Solid	01/16/2014 11:30	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 14:49	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	113		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	113		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	113		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	113		ug/Kg
75-34-3	1,1-Dichloroethane	ND	113		ug/Kg
75-35-4	1,1-Dichloroethene	ND	113		ug/Kg
563-58-6	1,1-Dichloropropene	ND	113		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	113		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	113		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	113		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	113		ug/Kg
106-93-4	1,2-Dibromoethane	ND	113		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	113		ug/Kg
107-06-2	1,2-Dichloroethane	ND	113		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	226		ug/Kg
78-87-5	1,2-Dichloropropane	ND	113		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	113		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	113		ug/Kg
142-28-9	1,3-Dichloropropane	ND	113		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	113		ug/Kg
594-20-7	2,2-Dichloropropane	ND	113		ug/Kg
78-93-3	**2-Butanone**	**129**	**113**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	113		ug/Kg
591-78-6	2-Hexanone	ND	113		ug/Kg
106-43-4	4-Chlorotoluene	ND	113		ug/Kg
99-87-6	4-Isopropyltoluene	ND	113		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	113		ug/Kg
67-64-1	**Acetone**	**1520**	**566**		**ug/Kg**
71-43-2	Benzene	ND	113		ug/Kg
108-86-1	Bromobenzene	ND	113		ug/Kg
74-97-5	Bromochloromethane	ND	113		ug/Kg
75-27-4	Bromodichloromethane	ND	113		ug/Kg
75-25-2	Bromoform	ND	113		ug/Kg
74-83-9	Bromomethane	ND	113		ug/Kg
75-15-0	Carbon disulfide	ND	113		ug/Kg
56-23-5	Carbon tetrachloride	ND	113		ug/Kg
108-90-7	Chlorobenzene	ND	113		ug/Kg
75-00-3	Chloroethane	ND	113		ug/Kg
67-66-3	Chloroform	ND	113		ug/Kg
74-87-3	Chloromethane	ND	113		ug/Kg
124-48-1	Dibromochloromethane	ND	113		ug/Kg
74-95-3	Dibromomethane	ND	113		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	113		ug/Kg
100-41-4	Ethylbenzene	ND	113		ug/Kg
87-68-3	Hexachlorobutadiene	ND	113		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	113		ug/Kg
74-88-4	Methyl iodide	ND	113		ug/Kg
75-09-2	Methylene chloride	ND	226		ug/Kg
91-20-3	Naphthalene	ND	113		ug/Kg
100-42-5	Styrene	ND	113		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202220	**SA-3 @ 30'**	Solid	01/16/2014 11:30	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 14:49	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**518**	**113**		**ug/Kg**
108-88-3	Toluene	ND	113		ug/Kg
79-01-6	Trichloroethene	ND	113		ug/Kg
75-69-4	Trichlorofluoromethane	ND	113		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	113		ug/Kg
75-01-4	Vinyl chloride	ND	113		ug/Kg
1330-20-7	Xylene (total)	ND	226		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	113		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	113		ug/Kg
136777-61-2	m,p-Xylene	ND	113		ug/Kg
104-51-8	n-Butylbenzene	ND	113		ug/Kg
103-65-1	n-Propylbenzene	ND	113		ug/Kg
95-47-6	o-Xylene	ND	113		ug/Kg
135-98-8	sec-Butylbenzene	ND	113		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	113		ug/Kg
98-06-6	tert-Butylbenzene	ND	113		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	113		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	113		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	113		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1130	1250	ug/Kg	110	62 - 127
1868-53-7	Dibromofluoromethane	1130	1150	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	1130	1200	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1130	1130	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202221	**SA-4 @ 15'**	Solid	01/16/2014 12:00	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100000	01/25/2014 12:36	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**1520000**	**221000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2210000	2320000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	2210000	2220000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	2210000	2350000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2210000	2200000	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/25/2014 17:27	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	22100		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	22100		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	22100		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	22100		ug/Kg
75-34-3	1,1-Dichloroethane	ND	22100		ug/Kg
75-35-4	1,1-Dichloroethene	ND	22100		ug/Kg
563-58-6	1,1-Dichloropropene	ND	22100		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	22100		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	22100		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	22100		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	22100		ug/Kg
106-93-4	1,2-Dibromoethane	ND	22100		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	22100		ug/Kg
107-06-2	1,2-Dichloroethane	ND	22100		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	44300		ug/Kg
78-87-5	1,2-Dichloropropane	ND	22100		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	22100		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	22100		ug/Kg
142-28-9	1,3-Dichloropropane	ND	22100		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	22100		ug/Kg
594-20-7	2,2-Dichloropropane	ND	22100		ug/Kg
78-93-3	2-Butanone	ND	22100		ug/Kg
95-49-8	2-Chlorotoluene	ND	22100		ug/Kg
591-78-6	2-Hexanone	ND	22100		ug/Kg
106-43-4	4-Chlorotoluene	ND	22100		ug/Kg
99-87-6	4-Isopropyltoluene	ND	22100		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	22100		ug/Kg
67-64-1	Acetone	ND	111000		ug/Kg
71-43-2	Benzene	ND	22100		ug/Kg
108-86-1	Bromobenzene	ND	22100		ug/Kg
74-97-5	Bromochloromethane	ND	22100		ug/Kg
75-27-4	Bromodichloromethane	ND	22100		ug/Kg
75-25-2	Bromoform	ND	22100		ug/Kg
74-83-9	Bromomethane	ND	22100		ug/Kg
75-15-0	Carbon disulfide	ND	22100		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202221	**SA-4 @ 15'**	Solid	01/16/2014 12:00	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/25/2014 17:27	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	22100		ug/Kg
108-90-7	Chlorobenzene	ND	22100		ug/Kg
75-00-3	Chloroethane	ND	22100		ug/Kg
67-66-3	Chloroform	ND	22100		ug/Kg
74-87-3	Chloromethane	ND	22100		ug/Kg
124-48-1	Dibromochloromethane	ND	22100		ug/Kg
74-95-3	Dibromomethane	ND	22100		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	22100		ug/Kg
100-41-4	Ethylbenzene	ND	22100		ug/Kg
87-68-3	Hexachlorobutadiene	ND	22100		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	22100		ug/Kg
74-88-4	Methyl iodide	ND	22100		ug/Kg
75-09-2	Methylene chloride	ND	44300		ug/Kg
91-20-3	Naphthalene	ND	22100		ug/Kg
100-42-5	Styrene	ND	22100		ug/Kg
108-88-3	Toluene	ND	22100		ug/Kg
79-01-6	Trichloroethene	ND	22100		ug/Kg
75-69-4	Trichlorofluoromethane	ND	22100		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	22100		ug/Kg
75-01-4	Vinyl chloride	ND	22100		ug/Kg
1330-20-7	Xylene (total)	ND	44300		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	22100		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	22100		ug/Kg
136777-61-2	m,p-Xylene	ND	22100		ug/Kg
104-51-8	n-Butylbenzene	ND	22100		ug/Kg
103-65-1	n-Propylbenzene	ND	22100		ug/Kg
95-47-6	o-Xylene	ND	22100		ug/Kg
135-98-8	sec-Butylbenzene	ND	22100		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	22100		ug/Kg
98-06-6	tert-Butylbenzene	ND	22100		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	22100		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	22100		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	22100		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	221000	232000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	221000	222000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	221000	231000	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	221000	221000	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202222	**SA-4 @ 30'**	Solid	01/16/2014 12:00	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 15:34	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	115		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	115		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	115		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	115		ug/Kg
75-34-3	1,1-Dichloroethane	ND	115		ug/Kg
75-35-4	1,1-Dichloroethene	ND	115		ug/Kg
563-58-6	1,1-Dichloropropene	ND	115		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	115		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	115		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	115		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	115		ug/Kg
106-93-4	1,2-Dibromoethane	ND	115		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	115		ug/Kg
107-06-2	1,2-Dichloroethane	ND	115		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	230		ug/Kg
78-87-5	1,2-Dichloropropane	ND	115		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	115		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	115		ug/Kg
142-28-9	1,3-Dichloropropane	ND	115		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	115		ug/Kg
594-20-7	2,2-Dichloropropane	ND	115		ug/Kg
78-93-3	2-Butanone	ND	115		ug/Kg
95-49-8	2-Chlorotoluene	ND	115		ug/Kg
591-78-6	2-Hexanone	ND	115		ug/Kg
106-43-4	4-Chlorotoluene	ND	115		ug/Kg
99-87-6	4-Isopropyltoluene	ND	115		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	115		ug/Kg
67-64-1	Acetone	ND	576		ug/Kg
71-43-2	Benzene	ND	115		ug/Kg
108-86-1	Bromobenzene	ND	115		ug/Kg
74-97-5	Bromochloromethane	ND	115		ug/Kg
75-27-4	Bromodichloromethane	ND	115		ug/Kg
75-25-2	Bromoform	ND	115		ug/Kg
74-83-9	Bromomethane	ND	115		ug/Kg
75-15-0	Carbon disulfide	ND	115		ug/Kg
56-23-5	Carbon tetrachloride	ND	115		ug/Kg
108-90-7	Chlorobenzene	ND	115		ug/Kg
75-00-3	Chloroethane	ND	115		ug/Kg
67-66-3	Chloroform	ND	115		ug/Kg
74-87-3	Chloromethane	ND	115		ug/Kg
124-48-1	Dibromochloromethane	ND	115		ug/Kg
74-95-3	Dibromomethane	ND	115		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	115		ug/Kg
100-41-4	Ethylbenzene	ND	115		ug/Kg
87-68-3	Hexachlorobutadiene	ND	115		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	115		ug/Kg
74-88-4	Methyl iodide	ND	115		ug/Kg
75-09-2	Methylene chloride	ND	230		ug/Kg
91-20-3	Naphthalene	ND	115		ug/Kg
100-42-5	Styrene	ND	115		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202222	**SA-4 @ 30'**	Solid	01/16/2014 12:00	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 15:34	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**378**	**115**		**ug/Kg**
108-88-3	Toluene	ND	115		ug/Kg
79-01-6	Trichloroethene	ND	115		ug/Kg
75-69-4	Trichlorofluoromethane	ND	115		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	115		ug/Kg
75-01-4	Vinyl chloride	ND	115		ug/Kg
1330-20-7	Xylene (total)	ND	230		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	115		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	115		ug/Kg
136777-61-2	m,p-Xylene	ND	115		ug/Kg
104-51-8	n-Butylbenzene	ND	115		ug/Kg
103-65-1	n-Propylbenzene	ND	115		ug/Kg
95-47-6	o-Xylene	ND	115		ug/Kg
135-98-8	sec-Butylbenzene	ND	115		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	115		ug/Kg
98-06-6	tert-Butylbenzene	ND	115		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	115		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	115		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	115		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1150	1290	ug/Kg	112	62 - 127
1868-53-7	Dibromofluoromethane	1150	1170	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	1150	1220	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1150	1160	ug/Kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202223	**SA-5 @ 10'**	Solid	01/16/2014 13:28	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			250	01/25/2014 11:07	AMD	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**8370**	**609**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	6090	6540	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	6090	6050	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	6090	6590	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	6090	5980	ug/Kg	98	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 15:56	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	122		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	122		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	122		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	122		ug/Kg
75-34-3	1,1-Dichloroethane	ND	122		ug/Kg
75-35-4	1,1-Dichloroethene	ND	122		ug/Kg
563-58-6	1,1-Dichloropropene	ND	122		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	122		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	122		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	122		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	122		ug/Kg
106-93-4	1,2-Dibromoethane	ND	122		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	122		ug/Kg
107-06-2	1,2-Dichloroethane	ND	122		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**970**	**243**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	122		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	122		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	122		ug/Kg
142-28-9	1,3-Dichloropropane	ND	122		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	122		ug/Kg
594-20-7	2,2-Dichloropropane	ND	122		ug/Kg
78-93-3	2-Butanone	ND	122		ug/Kg
95-49-8	2-Chlorotoluene	ND	122		ug/Kg
591-78-6	2-Hexanone	ND	122		ug/Kg
106-43-4	4-Chlorotoluene	ND	122		ug/Kg
99-87-6	4-Isopropyltoluene	ND	122		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	122		ug/Kg
67-64-1	Acetone	ND	609		ug/Kg
71-43-2	Benzene	ND	122		ug/Kg
108-86-1	Bromobenzene	ND	122		ug/Kg
74-97-5	Bromochloromethane	ND	122		ug/Kg
75-27-4	Bromodichloromethane	ND	122		ug/Kg
75-25-2	Bromoform	ND	122		ug/Kg
74-83-9	Bromomethane	ND	122		ug/Kg
75-15-0	Carbon disulfide	ND	122		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202223	**SA-5 @ 10'**	Solid	01/16/2014 13:28	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 15:56	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	122		ug/Kg
108-90-7	Chlorobenzene	ND	122		ug/Kg
75-00-3	Chloroethane	ND	122		ug/Kg
67-66-3	Chloroform	ND	122		ug/Kg
74-87-3	Chloromethane	ND	122		ug/Kg
124-48-1	Dibromochloromethane	ND	122		ug/Kg
74-95-3	Dibromomethane	ND	122		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	122		ug/Kg
100-41-4	Ethylbenzene	ND	122		ug/Kg
87-68-3	Hexachlorobutadiene	ND	122		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	122		ug/Kg
74-88-4	Methyl iodide	ND	122		ug/Kg
75-09-2	Methylene chloride	ND	243		ug/Kg
91-20-3	Naphthalene	ND	122		ug/Kg
100-42-5	Styrene	ND	122		ug/Kg
108-88-3	Toluene	ND	122		ug/Kg
79-01-6	**Trichloroethene**	**344**	**122**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	122		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	122		ug/Kg
75-01-4	Vinyl chloride	ND	122		ug/Kg
1330-20-7	Xylene (total)	ND	243		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**970**	**122**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	122		ug/Kg
136777-61-2	m,p-Xylene	ND	122		ug/Kg
104-51-8	n-Butylbenzene	ND	122		ug/Kg
103-65-1	n-Propylbenzene	ND	122		ug/Kg
95-47-6	o-Xylene	ND	122		ug/Kg
135-98-8	sec-Butylbenzene	ND	122		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	122		ug/Kg
98-06-6	tert-Butylbenzene	ND	122		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	122		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	122		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	122		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1220	1340	ug/Kg	110	62 - 127
1868-53-7	Dibromofluoromethane	1220	1230	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	1220	1270	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1220	1190	ug/Kg	98	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202224	**SA-5 @ 30'**	Solid	01/16/2014 13:28	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 16:19	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	125		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	125		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	125		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	125		ug/Kg
75-34-3	1,1-Dichloroethane	ND	125		ug/Kg
75-35-4	1,1-Dichloroethene	ND	125		ug/Kg
563-58-6	1,1-Dichloropropene	ND	125		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	125		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	125		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	125		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	125		ug/Kg
106-93-4	1,2-Dibromoethane	ND	125		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	125		ug/Kg
107-06-2	1,2-Dichloroethane	ND	125		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**398**	**250**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	125		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	125		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	125		ug/Kg
142-28-9	1,3-Dichloropropane	ND	125		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	125		ug/Kg
594-20-7	2,2-Dichloropropane	ND	125		ug/Kg
78-93-3	2-Butanone	ND	125		ug/Kg
95-49-8	2-Chlorotoluene	ND	125		ug/Kg
591-78-6	2-Hexanone	ND	125		ug/Kg
106-43-4	4-Chlorotoluene	ND	125		ug/Kg
99-87-6	4-Isopropyltoluene	ND	125		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	125		ug/Kg
67-64-1	Acetone	ND	625		ug/Kg
71-43-2	Benzene	ND	125		ug/Kg
108-86-1	Bromobenzene	ND	125		ug/Kg
74-97-5	Bromochloromethane	ND	125		ug/Kg
75-27-4	Bromodichloromethane	ND	125		ug/Kg
75-25-2	Bromoform	ND	125		ug/Kg
74-83-9	Bromomethane	ND	125		ug/Kg
75-15-0	Carbon disulfide	ND	125		ug/Kg
56-23-5	Carbon tetrachloride	ND	125		ug/Kg
108-90-7	Chlorobenzene	ND	125		ug/Kg
75-00-3	Chloroethane	ND	125		ug/Kg
67-66-3	Chloroform	ND	125		ug/Kg
74-87-3	Chloromethane	ND	125		ug/Kg
124-48-1	Dibromochloromethane	ND	125		ug/Kg
74-95-3	Dibromomethane	ND	125		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	125		ug/Kg
100-41-4	Ethylbenzene	ND	125		ug/Kg
87-68-3	Hexachlorobutadiene	ND	125		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	125		ug/Kg
74-88-4	Methyl iodide	ND	125		ug/Kg
75-09-2	Methylene chloride	ND	250		ug/Kg
91-20-3	Naphthalene	ND	125		ug/Kg
100-42-5	Styrene	ND	125		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202224	**SA-5 @ 30'**	Solid	01/16/2014 13:28	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/25/2014 16:19	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**4820**	**125**		**ug/Kg**
108-88-3	Toluene	ND	125		ug/Kg
79-01-6	**Trichloroethene**	**329**	**125**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	125		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	125		ug/Kg
75-01-4	Vinyl chloride	ND	125		ug/Kg
1330-20-7	Xylene (total)	ND	250		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**389**	**125**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	125		ug/Kg
136777-61-2	m,p-Xylene	ND	125		ug/Kg
104-51-8	n-Butylbenzene	ND	125		ug/Kg
103-65-1	n-Propylbenzene	ND	125		ug/Kg
95-47-6	o-Xylene	ND	125		ug/Kg
135-98-8	sec-Butylbenzene	ND	125		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	125		ug/Kg
98-06-6	tert-Butylbenzene	ND	125		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	125		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	125		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	125		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1250	1370	ug/Kg	110	62 - 127
1868-53-7	Dibromofluoromethane	1250	1260	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	1250	1310	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1250	1240	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202225	**SA-6 @ 10'**	Solid	01/16/2014 14:06	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500000	01/25/2014 13:20	AMD	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**9150000**	**1210000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	12100000	12900000	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	12100000	12300000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	12100000	13000000	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	12100000	12100000	ug/Kg	100	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/25/2014 18:12	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	121000		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	121000		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	121000		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	121000		ug/Kg
75-34-3	1,1-Dichloroethane	ND	121000		ug/Kg
75-35-4	1,1-Dichloroethene	ND	121000		ug/Kg
563-58-6	1,1-Dichloropropene	ND	121000		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	121000		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	121000		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	121000		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	121000		ug/Kg
106-93-4	1,2-Dibromoethane	ND	121000		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	121000		ug/Kg
107-06-2	1,2-Dichloroethane	ND	121000		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	243000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	121000		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	121000		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	121000		ug/Kg
142-28-9	1,3-Dichloropropane	ND	121000		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	121000		ug/Kg
594-20-7	2,2-Dichloropropane	ND	121000		ug/Kg
78-93-3	2-Butanone	ND	121000		ug/Kg
95-49-8	2-Chlorotoluene	ND	121000		ug/Kg
591-78-6	2-Hexanone	ND	121000		ug/Kg
106-43-4	4-Chlorotoluene	ND	121000		ug/Kg
99-87-6	4-Isopropyltoluene	ND	121000		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	121000		ug/Kg
67-64-1	Acetone	ND	607000		ug/Kg
71-43-2	Benzene	ND	121000		ug/Kg
108-86-1	Bromobenzene	ND	121000		ug/Kg
74-97-5	Bromochloromethane	ND	121000		ug/Kg
75-27-4	Bromodichloromethane	ND	121000		ug/Kg
75-25-2	Bromoform	ND	121000		ug/Kg
74-83-9	Bromomethane	ND	121000		ug/Kg
75-15-0	Carbon disulfide	ND	121000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202225	**SA-6 @ 10'**	Solid	01/16/2014 14:06	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/25/2014 18:12	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	121000		ug/Kg
108-90-7	Chlorobenzene	ND	121000		ug/Kg
75-00-3	Chloroethane	ND	121000		ug/Kg
67-66-3	Chloroform	ND	121000		ug/Kg
74-87-3	Chloromethane	ND	121000		ug/Kg
124-48-1	Dibromochloromethane	ND	121000		ug/Kg
74-95-3	Dibromomethane	ND	121000		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	121000		ug/Kg
100-41-4	Ethylbenzene	ND	121000		ug/Kg
87-68-3	Hexachlorobutadiene	ND	121000		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	121000		ug/Kg
74-88-4	Methyl iodide	ND	121000		ug/Kg
75-09-2	Methylene chloride	ND	243000		ug/Kg
91-20-3	Naphthalene	ND	121000		ug/Kg
100-42-5	Styrene	ND	121000		ug/Kg
108-88-3	Toluene	ND	121000		ug/Kg
79-01-6	Trichloroethene	ND	121000		ug/Kg
75-69-4	Trichlorofluoromethane	ND	121000		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	121000		ug/Kg
75-01-4	Vinyl chloride	ND	121000		ug/Kg
1330-20-7	Xylene (total)	ND	243000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	121000		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	121000		ug/Kg
136777-61-2	m,p-Xylene	ND	121000		ug/Kg
104-51-8	n-Butylbenzene	ND	121000		ug/Kg
103-65-1	n-Propylbenzene	ND	121000		ug/Kg
95-47-6	o-Xylene	ND	121000		ug/Kg
135-98-8	sec-Butylbenzene	ND	121000		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	121000		ug/Kg
98-06-6	tert-Butylbenzene	ND	121000		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	121000		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	121000		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	121000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1210000	1300000	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	1210000	1220000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	1210000	1280000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1210000	1200000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202226	**SA-6 @ 30'**	Solid	01/16/2014 14:06	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 22:05	CEK	524283

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.14		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	2.14		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.14		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	2.14		ug/Kg
75-34-3	1,1-Dichloroethane	ND	2.14		ug/Kg
75-35-4	1,1-Dichloroethene	ND	2.14		ug/Kg
563-58-6	1,1-Dichloropropene	ND	2.14		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	2.14		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.14		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.14		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.14		ug/Kg
106-93-4	1,2-Dibromoethane	ND	2.14		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	2.14		ug/Kg
107-06-2	1,2-Dichloroethane	ND	2.14		ug/Kg
540-59-0	**1,2-Dichloroethene(Total)**	**29.6**	**4.28**		**ug/Kg**
78-87-5	1,2-Dichloropropane	ND	2.14		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.14		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	2.14		ug/Kg
142-28-9	1,3-Dichloropropane	ND	2.14		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	2.14		ug/Kg
594-20-7	2,2-Dichloropropane	ND	2.14		ug/Kg
78-93-3	**2-Butanone**	**11.8**	**2.14**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	2.14		ug/Kg
591-78-6	2-Hexanone	ND	2.14		ug/Kg
106-43-4	4-Chlorotoluene	ND	2.14		ug/Kg
99-87-6	4-Isopropyltoluene	ND	2.14		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	2.14		ug/Kg
67-64-1	Acetone	ND	10.7		ug/Kg
71-43-2	Benzene	ND	2.14		ug/Kg
108-86-1	Bromobenzene	ND	2.14		ug/Kg
74-97-5	Bromochloromethane	ND	2.14		ug/Kg
75-27-4	Bromodichloromethane	ND	2.14		ug/Kg
75-25-2	Bromoform	ND	2.14		ug/Kg
74-83-9	Bromomethane	ND	2.14		ug/Kg
75-15-0	Carbon disulfide	ND	2.14		ug/Kg
56-23-5	Carbon tetrachloride	ND	2.14		ug/Kg
108-90-7	Chlorobenzene	ND	2.14		ug/Kg
75-00-3	Chloroethane	ND	2.14		ug/Kg
67-66-3	Chloroform	ND	2.14		ug/Kg
74-87-3	Chloromethane	ND	2.14		ug/Kg
124-48-1	Dibromochloromethane	ND	2.14		ug/Kg
74-95-3	Dibromomethane	ND	2.14		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	2.14		ug/Kg
100-41-4	Ethylbenzene	ND	2.14		ug/Kg
87-68-3	Hexachlorobutadiene	ND	2.14		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.14		ug/Kg
74-88-4	Methyl iodide	ND	2.14		ug/Kg
75-09-2	Methylene chloride	ND	4.28		ug/Kg
91-20-3	Naphthalene	ND	2.14		ug/Kg
100-42-5	Styrene	ND	2.14		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202226	**SA-6 @ 30'**	Solid	01/16/2014 14:06	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/26/2014 22:05	CEK	524283

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**24.1**	**2.14**		**ug/Kg**
108-88-3	Toluene	ND	2.14		ug/Kg
79-01-6	**Trichloroethene**	**4.24**	**2.14**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	2.14		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	2.14		ug/Kg
75-01-4	Vinyl chloride	ND	2.14		ug/Kg
1330-20-7	Xylene (total)	ND	4.28		ug/Kg
156-59-2	**cis-1,2-Dichloroethene**	**29.3**	**2.14**		**ug/Kg**
10061-01-5	cis-1,3-Dichloropropene	ND	2.14		ug/Kg
136777-61-2	m,p-Xylene	ND	2.14		ug/Kg
104-51-8	n-Butylbenzene	ND	2.14		ug/Kg
103-65-1	n-Propylbenzene	ND	2.14		ug/Kg
95-47-6	o-Xylene	ND	2.14		ug/Kg
135-98-8	sec-Butylbenzene	ND	2.14		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.14		ug/Kg
98-06-6	tert-Butylbenzene	ND	2.14		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	2.14		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.14		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.14		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	21.4	24.6	ug/Kg	115	62 - 127
1868-53-7	Dibromofluoromethane	21.4	22.7	ug/Kg	106	65 - 130
2037-26-5	Toluene d8	21.4	23.3	ug/Kg	109	71 - 132
17060-07-0	1,2-Dichloroethane-d4	21.4	21.9	ug/Kg	102	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202227	**SA-7 @ 15'**	Solid	01/16/2014 15:05	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500000	01/25/2014 13:42	AMD	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**3510000**	**970000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	9700000	10400000	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	9700000	9820000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	9700000	10400000	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	9700000	9630000	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/25/2014 18:34	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	97000		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	97000		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	97000		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	97000		ug/Kg
75-34-3	1,1-Dichloroethane	ND	97000		ug/Kg
75-35-4	1,1-Dichloroethene	ND	97000		ug/Kg
563-58-6	1,1-Dichloropropene	ND	97000		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	97000		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	97000		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	97000		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	97000		ug/Kg
106-93-4	1,2-Dibromoethane	ND	97000		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	97000		ug/Kg
107-06-2	1,2-Dichloroethane	ND	97000		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	194000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	97000		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	97000		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	97000		ug/Kg
142-28-9	1,3-Dichloropropane	ND	97000		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	97000		ug/Kg
594-20-7	2,2-Dichloropropane	ND	97000		ug/Kg
78-93-3	2-Butanone	ND	97000		ug/Kg
95-49-8	2-Chlorotoluene	ND	97000		ug/Kg
591-78-6	2-Hexanone	ND	97000		ug/Kg
106-43-4	4-Chlorotoluene	ND	97000		ug/Kg
99-87-6	4-Isopropyltoluene	ND	97000		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	97000		ug/Kg
67-64-1	Acetone	ND	485000		ug/Kg
71-43-2	Benzene	ND	97000		ug/Kg
108-86-1	Bromobenzene	ND	97000		ug/Kg
74-97-5	Bromochloromethane	ND	97000		ug/Kg
75-27-4	Bromodichloromethane	ND	97000		ug/Kg
75-25-2	Bromoform	ND	97000		ug/Kg
74-83-9	Bromomethane	ND	97000		ug/Kg
75-15-0	Carbon disulfide	ND	97000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202227	**SA-7 @ 15'**	Solid	01/16/2014 15:05	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/25/2014 18:34	JCK	524257

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	97000		ug/Kg
108-90-7	Chlorobenzene	ND	97000		ug/Kg
75-00-3	Chloroethane	ND	97000		ug/Kg
67-66-3	Chloroform	ND	97000		ug/Kg
74-87-3	Chloromethane	ND	97000		ug/Kg
124-48-1	Dibromochloromethane	ND	97000		ug/Kg
74-95-3	Dibromomethane	ND	97000		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	97000		ug/Kg
100-41-4	Ethylbenzene	ND	97000		ug/Kg
87-68-3	Hexachlorobutadiene	ND	97000		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	97000		ug/Kg
74-88-4	Methyl iodide	ND	97000		ug/Kg
75-09-2	Methylene chloride	ND	194000		ug/Kg
91-20-3	Naphthalene	ND	97000		ug/Kg
100-42-5	Styrene	ND	97000		ug/Kg
108-88-3	Toluene	ND	97000		ug/Kg
79-01-6	**Trichloroethene**	**347000**	**97000**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	97000		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	97000		ug/Kg
75-01-4	Vinyl chloride	ND	97000		ug/Kg
1330-20-7	Xylene (total)	ND	194000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	97000		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	97000		ug/Kg
136777-61-2	m,p-Xylene	ND	97000		ug/Kg
104-51-8	n-Butylbenzene	ND	97000		ug/Kg
103-65-1	n-Propylbenzene	ND	97000		ug/Kg
95-47-6	o-Xylene	ND	97000		ug/Kg
135-98-8	sec-Butylbenzene	ND	97000		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	97000		ug/Kg
98-06-6	tert-Butylbenzene	ND	97000		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	97000		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	97000		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	97000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	970000	1040000	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	970000	968000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	970000	1040000	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	970000	950000	ug/Kg	98	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202228	**SA-7 @ 25'**	Solid	01/16/2014 15:05	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 08:50	LBH	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**794000**	**50800**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	508000	550000	ug/Kg	108	62 - 127
1868-53-7	Dibromofluoromethane	508000	490000	ug/Kg	96	65 - 130
2037-26-5	Toluene d8	508000	552000	ug/Kg	109	71 - 132
17060-07-0	1,2-Dichloroethane-d4	508000	457000	ug/Kg	90	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/27/2014 11:27	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	5080		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	5080		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	5080		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	5080		ug/Kg
75-34-3	1,1-Dichloroethane	ND	5080		ug/Kg
75-35-4	1,1-Dichloroethene	ND	5080		ug/Kg
563-58-6	1,1-Dichloropropene	ND	5080		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	5080		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	5080		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	5080		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	5080		ug/Kg
106-93-4	1,2-Dibromoethane	ND	5080		ug/Kg
95-50-1	**1,2-Dichlorobenzene**	**5590**	**5080**		**ug/Kg**
107-06-2	1,2-Dichloroethane	ND	5080		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	10200		ug/Kg
78-87-5	1,2-Dichloropropane	ND	5080		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	5080		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	5080		ug/Kg
142-28-9	1,3-Dichloropropane	ND	5080		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	5080		ug/Kg
594-20-7	2,2-Dichloropropane	ND	5080		ug/Kg
78-93-3	2-Butanone	ND	5080		ug/Kg
95-49-8	2-Chlorotoluene	ND	5080		ug/Kg
591-78-6	2-Hexanone	ND	5080		ug/Kg
106-43-4	4-Chlorotoluene	ND	5080		ug/Kg
99-87-6	4-Isopropyltoluene	ND	5080		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	5080		ug/Kg
67-64-1	Acetone	ND	25400		ug/Kg
71-43-2	Benzene	ND	5080		ug/Kg
108-86-1	Bromobenzene	ND	5080		ug/Kg
74-97-5	Bromochloromethane	ND	5080		ug/Kg
75-27-4	Bromodichloromethane	ND	5080		ug/Kg
75-25-2	Bromoform	ND	5080		ug/Kg
74-83-9	Bromomethane	ND	5080		ug/Kg
75-15-0	Carbon disulfide	ND	5080		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202228	**SA-7 @ 25'**	Solid	01/16/2014 15:05	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/27/2014 11:27	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	5080		ug/Kg
108-90-7	Chlorobenzene	ND	5080		ug/Kg
75-00-3	Chloroethane	ND	5080		ug/Kg
67-66-3	Chloroform	ND	5080		ug/Kg
74-87-3	Chloromethane	ND	5080		ug/Kg
124-48-1	Dibromochloromethane	ND	5080		ug/Kg
74-95-3	Dibromomethane	ND	5080		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	5080		ug/Kg
100-41-4	Ethylbenzene	ND	5080		ug/Kg
87-68-3	Hexachlorobutadiene	ND	5080		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	5080		ug/Kg
74-88-4	Methyl iodide	ND	5080		ug/Kg
75-09-2	Methylene chloride	ND	10200		ug/Kg
91-20-3	Naphthalene	ND	5080		ug/Kg
100-42-5	Styrene	ND	5080		ug/Kg
108-88-3	Toluene	ND	5080		ug/Kg
79-01-6	**Trichloroethene**	**15100**	**5080**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	5080		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	5080		ug/Kg
75-01-4	Vinyl chloride	ND	5080		ug/Kg
1330-20-7	Xylene (total)	ND	10200		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	5080		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	5080		ug/Kg
136777-61-2	m,p-Xylene	ND	5080		ug/Kg
104-51-8	n-Butylbenzene	ND	5080		ug/Kg
103-65-1	n-Propylbenzene	ND	5080		ug/Kg
95-47-6	o-Xylene	ND	5080		ug/Kg
135-98-8	sec-Butylbenzene	ND	5080		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5080		ug/Kg
98-06-6	tert-Butylbenzene	ND	5080		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	5080		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	5080		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	5080		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50800	54200	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	50800	51500	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	50800	53700	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	50800	50400	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202229	**SA-8 @ 15'**	Solid	01/16/2014 16:02	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 09:57	LBH	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	35300		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	35300		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	35300		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	35300		ug/Kg
75-34-3	1,1-Dichloroethane	ND	35300		ug/Kg
75-35-4	1,1-Dichloroethene	ND	35300		ug/Kg
563-58-6	1,1-Dichloropropene	ND	35300		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	35300		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	35300		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	35300		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	35300		ug/Kg
106-93-4	1,2-Dibromoethane	ND	35300		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	35300		ug/Kg
107-06-2	1,2-Dichloroethane	ND	35300		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	70500		ug/Kg
78-87-5	1,2-Dichloropropane	ND	35300		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	35300		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	35300		ug/Kg
142-28-9	1,3-Dichloropropane	ND	35300		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	35300		ug/Kg
594-20-7	2,2-Dichloropropane	ND	35300		ug/Kg
78-93-3	2-Butanone	ND	35300		ug/Kg
95-49-8	2-Chlorotoluene	ND	35300		ug/Kg
591-78-6	2-Hexanone	ND	35300		ug/Kg
106-43-4	4-Chlorotoluene	ND	35300		ug/Kg
99-87-6	4-Isopropyltoluene	ND	35300		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	35300		ug/Kg
67-64-1	Acetone	ND	176000		ug/Kg
71-43-2	Benzene	ND	35300		ug/Kg
108-86-1	Bromobenzene	ND	35300		ug/Kg
74-97-5	Bromochloromethane	ND	35300		ug/Kg
75-27-4	Bromodichloromethane	ND	35300		ug/Kg
75-25-2	Bromoform	ND	35300		ug/Kg
74-83-9	Bromomethane	ND	35300		ug/Kg
75-15-0	Carbon disulfide	ND	35300		ug/Kg
56-23-5	Carbon tetrachloride	ND	35300		ug/Kg
108-90-7	Chlorobenzene	ND	35300		ug/Kg
75-00-3	Chloroethane	ND	35300		ug/Kg
67-66-3	Chloroform	ND	35300		ug/Kg
74-87-3	Chloromethane	ND	35300		ug/Kg
124-48-1	Dibromochloromethane	ND	35300		ug/Kg
74-95-3	Dibromomethane	ND	35300		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	35300		ug/Kg
100-41-4	Ethylbenzene	ND	35300		ug/Kg
87-68-3	Hexachlorobutadiene	ND	35300		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	35300		ug/Kg
74-88-4	Methyl iodide	ND	35300		ug/Kg
75-09-2	Methylene chloride	ND	70500		ug/Kg
91-20-3	Naphthalene	ND	35300		ug/Kg
100-42-5	Styrene	ND	35300		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202229	**SA-8 @ 15'**	Solid	01/16/2014 16:02	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 09:57	LBH	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	35300		ug/Kg
79-01-6	**Trichloroethene**	**209000**	**35300**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	35300		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	35300		ug/Kg
75-01-4	Vinyl chloride	ND	35300		ug/Kg
1330-20-7	Xylene (total)	ND	70500		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	35300		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	35300		ug/Kg
136777-61-2	m,p-Xylene	ND	35300		ug/Kg
104-51-8	n-Butylbenzene	ND	35300		ug/Kg
103-65-1	n-Propylbenzene	ND	35300		ug/Kg
95-47-6	o-Xylene	ND	35300		ug/Kg
135-98-8	sec-Butylbenzene	ND	35300		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	35300		ug/Kg
98-06-6	tert-Butylbenzene	ND	35300		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	35300		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	35300		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	35300		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	353000	387000	ug/Kg	110	62 - 127
1868-53-7	Dibromofluoromethane	353000	347000	ug/Kg	98	65 - 130
2037-26-5	Toluene d8	353000	381000	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	353000	328000	ug/Kg	93	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200000	01/27/2014 12:12	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**7140000**	**353000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3530000	3670000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	3530000	3570000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	3530000	3710000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3530000	3490000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202230	**SA-8 @ 30'**	Solid	01/16/2014 16:02	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200000	01/27/2014 12:34	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**946000**	**364000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3640000	3820000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	3640000	3700000	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	3640000	3830000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	3640000	3580000	ug/Kg	98	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 16:43	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	9100		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	9100		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	9100		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	9100		ug/Kg
75-34-3	1,1-Dichloroethane	ND	9100		ug/Kg
75-35-4	1,1-Dichloroethene	ND	9100		ug/Kg
563-58-6	1,1-Dichloropropene	ND	9100		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	9100		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	9100		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	9100		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	9100		ug/Kg
106-93-4	1,2-Dibromoethane	ND	9100		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	9100		ug/Kg
107-06-2	1,2-Dichloroethane	ND	9100		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	18200		ug/Kg
78-87-5	1,2-Dichloropropane	ND	9100		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	9100		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	9100		ug/Kg
142-28-9	1,3-Dichloropropane	ND	9100		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	9100		ug/Kg
594-20-7	2,2-Dichloropropane	ND	9100		ug/Kg
78-93-3	2-Butanone	ND	9100		ug/Kg
95-49-8	2-Chlorotoluene	ND	9100		ug/Kg
591-78-6	2-Hexanone	ND	9100		ug/Kg
106-43-4	4-Chlorotoluene	ND	9100		ug/Kg
99-87-6	4-Isopropyltoluene	ND	9100		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	9100		ug/Kg
67-64-1	Acetone	ND	45500		ug/Kg
71-43-2	Benzene	ND	9100		ug/Kg
108-86-1	Bromobenzene	ND	9100		ug/Kg
74-97-5	Bromochloromethane	ND	9100		ug/Kg
75-27-4	Bromodichloromethane	ND	9100		ug/Kg
75-25-2	Bromoform	ND	9100		ug/Kg
74-83-9	Bromomethane	ND	9100		ug/Kg
75-15-0	Carbon disulfide	ND	9100		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401202230	**SA-8 @ 30'**	Solid	01/16/2014 16:02	01/20/2014 12:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 16:43	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	9100		ug/Kg
108-90-7	Chlorobenzene	ND	9100		ug/Kg
75-00-3	Chloroethane	ND	9100		ug/Kg
67-66-3	Chloroform	ND	9100		ug/Kg
74-87-3	Chloromethane	ND	9100		ug/Kg
124-48-1	Dibromochloromethane	ND	9100		ug/Kg
74-95-3	Dibromomethane	ND	9100		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	9100		ug/Kg
100-41-4	Ethylbenzene	ND	9100		ug/Kg
87-68-3	Hexachlorobutadiene	ND	9100		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	9100		ug/Kg
74-88-4	Methyl iodide	ND	9100		ug/Kg
75-09-2	Methylene chloride	ND	18200		ug/Kg
91-20-3	Naphthalene	ND	9100		ug/Kg
100-42-5	Styrene	ND	9100		ug/Kg
108-88-3	Toluene	ND	9100		ug/Kg
79-01-6	Trichloroethene	ND	9100		ug/Kg
75-69-4	Trichlorofluoromethane	ND	9100		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	9100		ug/Kg
75-01-4	Vinyl chloride	ND	9100		ug/Kg
1330-20-7	Xylene (total)	ND	18200		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	9100		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	9100		ug/Kg
136777-61-2	m,p-Xylene	ND	9100		ug/Kg
104-51-8	n-Butylbenzene	ND	9100		ug/Kg
103-65-1	n-Propylbenzene	ND	9100		ug/Kg
95-47-6	o-Xylene	ND	9100		ug/Kg
135-98-8	sec-Butylbenzene	ND	9100		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	9100		ug/Kg
98-06-6	tert-Butylbenzene	ND	9100		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	9100		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	9100		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	9100		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	91000	94800	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	91000	92800	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	91000	94500	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	91000	91700	ug/Kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	524199	**Client ID**	MB524199			LCS524199			LCSD524199		
Prep Batch	N/A	**GCAL ID**	1276758			1276759			1276760		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/23/2014 20:29			01/23/2014 18:58			01/23/2014 19:20		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	1250	2500	3260	130	38 - 152	3310	132	2	30
74-97-5	Bromochloromethane	ND	250	2500	2390	96	73 - 127	2370	95	1	30
75-27-4	Bromodichloromethane	ND	250	2500	2400	96	74 - 126	2480	99	3	30
75-25-2	Bromoform	ND	250	2500	2490	100	67 - 122	2710	108	8	30
74-83-9	Bromomethane	ND	250	2500	2070	83	48 - 139	2610	104	23	30
75-15-0	Carbon disulfide	ND	250	2500	2500	100	68 - 133	2420	97	3	30
56-23-5	Carbon tetrachloride	ND	250	2500	2540	102	71 - 133	2590	104	2	30
75-00-3	Chloroethane	ND	250	2500	2590	104	57 - 144	2580	103	0	30
136777-61-2	m,p-Xylene	ND	250	5000	5020	100	72 - 128	5160	103	3	30
67-66-3	Chloroform	ND	250	2500	2340	94	74 - 124	2380	95	2	30
74-87-3	Chloromethane	ND	250	2500	2090	84	61 - 130	2210	88	6	30
124-48-1	Dibromochloromethane	ND	250	2500	2370	95	74 - 122	2540	102	7	30
74-95-3	Dibromomethane	ND	250	2500	2380	95	72 - 125	2490	100	5	30
75-71-8	Dichlorodifluoromethane	ND	250	2500	2500	100	59 - 138	2500	100	0	30
75-34-3	1,1-Dichloroethane	ND	250	2500	2350	94	71 - 126	2370	95	1	30
107-06-2	1,2-Dichloroethane	ND	250	2500	2410	96	68 - 126	2510	100	4	30
156-59-2	cis-1,2-Dichloroethene	ND	250	2500	2440	98	72 - 130	2520	101	3	30
156-60-5	trans-1,2-Dichloroethene	ND	250	2500	2440	98	67 - 134	2470	99	1	30
75-09-2	Methylene chloride	ND	500	2500	2450	98	66 - 130	2440	98	0	30
78-87-5	1,2-Dichloropropane	ND	250	2500	2430	97	72 - 129	2490	100	2	30
10061-01-5	cis-1,3-Dichloropropene	ND	250	2500	2500	100	72 - 129	2570	103	3	30
10061-02-6	trans-1,3-Dichloropropene	ND	250	2500	2460	98	72 - 126	2560	102	4	30
100-41-4	Ethylbenzene	ND	250	2500	2380	95	74 - 130	2450	98	3	30
591-78-6	2-Hexanone	ND	250	2500	2680	107	47 - 137	2980	119	11	30
98-82-8	Isopropylbenzene (Cumene)	ND	250	2500	2680	107	74 - 125	2700	108	1	30
78-93-3	2-Butanone	ND	250	2500	2720	109	47 - 142	2870	115	5	30
74-88-4	Methyl iodide	ND	250	2500	1790	72	54 - 140	1990	80	11	30
108-10-1	4-Methyl-2-pentanone	ND	250	2500	2590	104	52 - 136	2870	115	10	30
103-65-1	n-Propylbenzene	ND	250	2500	2500	100	73 - 137	2390	96	4	30
100-42-5	Styrene	ND	250	2500	2600	104	72 - 128	2730	109	5	30
127-18-4	Tetrachloroethene	ND	250	2500	2400	96	70 - 127	2450	98	2	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	2500	2340	94	77 - 122	2510	100	7	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	2500	2520	101	66 - 129	2650	106	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524199	**Client ID**	MB524199			LCS524199			LCSD524199		
Prep Batch	N/A	**GCAL ID**	1276758			1276759			1276760		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/23/2014 20:29			01/23/2014 18:58			01/23/2014 19:20		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	250	2500	2360	94	64 - 135	2310	92	2	30
71-55-6	1,1,1-Trichloroethane	ND	250	2500	2380	95	70 - 130	2410	96	1	30
79-00-5	1,1,2-Trichloroethane	ND	250	2500	2500	100	74 - 120	2710	108	8	30
75-69-4	Trichlorofluoromethane	ND	250	2500	2520	101	64 - 141	2560	102	2	30
96-18-4	1,2,3-Trichloropropane	ND	250	2500	2450	98	63 - 132	2490	100	2	30
95-63-6	1,2,4-Trimethylbenzene	ND	250	2500	2660	106	75 - 130	2590	104	3	30
108-67-8	1,3,5-Trimethylbenzene	ND	250	2500	2580	103	74 - 136	2520	101	2	30
75-01-4	Vinyl chloride	ND	250	2500	2370	95	67 - 131	2460	98	4	30
95-47-6	o-Xylene	ND	250	2500	2620	105	69 - 133	2720	109	4	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	2500	2300	92	60 - 123	2590	104	12	30
106-93-4	1,2-Dibromoethane	ND	250	2500	2310	92	74 - 122	2530	101	9	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	250	2500	2600	104	69 - 126	2780	111	7	30
540-59-0	1,2-Dichloroethene(Total)	ND	500	5000	4890	98	72 - 129	4980	100	2	30
99-87-6	4-Isopropyltoluene	ND	250	2500	2380	95	71 - 136	2240	90	6	30
1330-20-7	Xylene (total)	ND	500	7500	7640	102	71 - 129	7870	105	3	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	2500	2450	98	44 - 146	2610	104	6	30
594-20-7	2,2-Dichloropropane	ND	250	2500	2580	103	74 - 129	2670	107	3	30
76-13-1	Trichlorotrifluoroethane	ND	250	2500	2430	97	66 - 139	2440	98	0	30
563-58-6	1,1-Dichloropropene	ND	250	2500	2620	105	70 - 138	2660	106	2	30
142-28-9	1,3-Dichloropropane	ND	250	2500	2410	96	77 - 121	2570	103	6	30
108-86-1	Bromobenzene	ND	250	2500	2390	96	73 - 124	2410	96	1	30
95-49-8	2-Chlorotoluene	ND	250	2500	2490	100	75 - 132	2490	100	0	30
106-43-4	4-Chlorotoluene	ND	250	2500	2500	100	74 - 133	2500	100	0	30
98-06-6	tert-Butylbenzene	ND	250	2500	2670	107	72 - 136	2570	103	4	30
135-98-8	sec-Butylbenzene	ND	250	2500	2670	107	72 - 141	2530	101	5	30
541-73-1	1,3-Dichlorobenzene	ND	250	2500	2510	100	77 - 127	2480	99	1	30
106-46-7	1,4-Dichlorobenzene	ND	250	2500	2410	96	74 - 123	2410	96	0	30
104-51-8	n-Butylbenzene	ND	250	2500	2390	96	68 - 144	2190	88	9	30
95-50-1	1,2-Dichlorobenzene	ND	250	2500	2480	99	76 - 125	2520	101	2	30
87-68-3	Hexachlorobutadiene	ND	250	2500	2610	104	71 - 140	2430	97	7	30
91-20-3	Naphthalene	ND	250	2500	2250	90	54 - 132	2380	95	6	35
75-35-4	1,1-Dichloroethene	ND	250	2500	2450	98	68 - 129	2560	102	4	20
71-43-2	Benzene	ND	250	2500	2420	97	73 - 128	2470	99	2	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524199	**Client ID**	MB524199			LCS524199			LCSD524199		
Prep Batch	N/A	**GCAL ID**	1276758			1276759			1276760		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/23/2014 20:29			01/23/2014 18:58			01/23/2014 19:20		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
79-01-6	Trichloroethene		ND	250	2500	2340	94	78 - 127	2390	96	2	20
108-88-3	Toluene		ND	250	2500	2290	92	74 - 121	2400	96	5	20
108-90-7	Chlorobenzene		ND	250	2500	2350	94	75 - 121	2480	99	5	20
Surrogate												
460-00-4	4-Bromofluorobenzene		2680	107	2500	2520	101	62 - 127	2570	103		
1868-53-7	Dibromofluoromethane		2510	100	2500	2490	100	65 - 130	2510	100		
2037-26-5	Toluene d8		2660	106	2500	2450	98	71 - 132	2520	101		
17060-07-0	1,2-Dichloroethane-d4		2500	100	2500	2490	100	62 - 125	2470	99		

Analytical Batch	524257	**Client ID**	MB524257			LCS524257			LCSD524257		
Prep Batch	N/A	**GCAL ID**	1277058			1277059			1277060		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/25/2014 09:02			01/25/2014 07:20			01/25/2014 07:42		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	1250	2500	2790	112	38 - 152	2410	96	15	30
74-97-5	Bromochloromethane		ND	250	2500	2540	102	73 - 127	2470	99	3	30
75-27-4	Bromodichloromethane		ND	250	2500	2410	96	74 - 126	2410	96	0	30
75-25-2	Bromoform		ND	250	2500	2530	101	67 - 122	2590	104	2	30
74-83-9	Bromomethane		ND	250	2500	2230	89	48 - 139	2530	101	13	30
75-15-0	Carbon disulfide		ND	250	2500	2550	102	68 - 133	2340	94	9	30
56-23-5	Carbon tetrachloride		ND	250	2500	2580	103	71 - 133	2560	102	1	30
75-00-3	Chloroethane		ND	250	2500	2530	101	57 - 144	2440	98	4	30
136777-61-2	m,p-Xylene		ND	250	5000	5080	102	72 - 128	5060	101	0	30
67-66-3	Chloroform		ND	250	2500	2350	94	74 - 124	2340	94	0	30
74-87-3	Chloromethane		ND	250	2500	2170	87	61 - 130	2010	80	8	30
124-48-1	Dibromochloromethane		ND	250	2500	2410	96	74 - 122	2460	98	2	30
74-95-3	Dibromomethane		ND	250	2500	2370	95	72 - 125	2410	96	2	30
75-71-8	Dichlorodifluoromethane		ND	250	2500	2550	102	59 - 138	2420	97	5	30
75-34-3	1,1-Dichloroethane		ND	250	2500	2340	94	71 - 126	2320	93	1	30
107-06-2	1,2-Dichloroethane		ND	250	2500	2380	95	68 - 126	2380	95	0	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524257	**Client ID**	MB524257			LCS524257			LCSD524257		
Prep Batch	N/A	**GCAL ID**	1277058			1277059			1277060		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/25/2014 09:02			01/25/2014 07:20			01/25/2014 07:42		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-59-2	cis-1,2-Dichloroethene	ND	250	2500	2450	98	72 - 130	2420	97	1	30
156-60-5	trans-1,2-Dichloroethene	ND	250	2500	2410	96	67 - 134	2350	94	3	30
75-09-2	Methylene chloride	ND	500	2500	2390	96	66 - 130	2340	94	2	30
78-87-5	1,2-Dichloropropane	ND	250	2500	2410	96	72 - 129	2410	96	0	30
10061-01-5	cis-1,3-Dichloropropene	ND	250	2500	2530	101	72 - 129	2490	100	2	30
10061-02-6	trans-1,3-Dichloropropene	ND	250	2500	2480	99	72 - 126	2480	99	0	30
100-41-4	Ethylbenzene	ND	250	2500	2450	98	74 - 130	2390	96	2	30
591-78-6	2-Hexanone	ND	250	2500	2470	99	47 - 137	2680	107	8	30
98-82-8	Isopropylbenzene (Cumene)	ND	250	2500	2700	108	74 - 125	2600	104	4	30
78-93-3	2-Butanone	ND	250	2500	2470	99	47 - 142	2540	102	3	30
74-88-4	Methyl iodide	ND	250	2500	2130	85	54 - 140	2150	86	1	30
108-10-1	4-Methyl-2-pentanone	ND	250	2500	2460	98	52 - 136	2580	103	5	30
103-65-1	n-Propylbenzene	ND	250	2500	2500	100	73 - 137	2370	95	5	30
100-42-5	Styrene	ND	250	2500	2610	104	72 - 128	2640	106	1	30
127-18-4	Tetrachloroethene	ND	250	2500	2500	100	70 - 127	2470	99	1	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	2500	2420	97	77 - 122	2480	99	2	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	2500	2480	99	66 - 129	2520	101	2	30
120-82-1	1,2,4-Trichlorobenzene	ND	250	2500	2320	93	64 - 135	2240	90	4	30
71-55-6	1,1,1-Trichloroethane	ND	250	2500	2390	96	70 - 130	2370	95	1	30
79-00-5	1,1,2-Trichloroethane	ND	250	2500	2560	102	74 - 120	2610	104	2	30
75-69-4	Trichlorofluoromethane	ND	250	2500	2580	103	64 - 141	2510	100	3	30
96-18-4	1,2,3-Trichloropropane	ND	250	2500	2360	94	63 - 132	2600	104	10	30
95-63-6	1,2,4-Trimethylbenzene	ND	250	2500	2680	107	75 - 130	2550	102	5	30
108-67-8	1,3,5-Trimethylbenzene	ND	250	2500	2580	103	74 - 136	2460	98	5	30
75-01-4	Vinyl chloride	ND	250	2500	2450	98	67 - 131	2310	92	6	30
95-47-6	o-Xylene	ND	250	2500	2650	106	69 - 133	2620	105	1	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	2500	2290	92	60 - 123	2440	98	6	30
106-93-4	1,2-Dibromoethane	ND	250	2500	2350	94	74 - 122	2370	95	1	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	250	2500	2540	102	69 - 126	2610	104	3	30
540-59-0	1,2-Dichloroethene(Total)	ND	500	5000	4860	97	72 - 129	4760	95	2	30
99-87-6	4-Isopropyltoluene	ND	250	2500	2410	96	71 - 136	2220	89	8	30
1330-20-7	Xylene (total)	ND	500	7500	7730	103	71 - 129	7680	102	1	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	2500	2380	95	44 - 146	2430	97	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524257	**Client ID**	MB524257			LCS524257			LCSD524257		
Prep Batch	N/A	**GCAL ID**	1277058			1277059			1277060		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/25/2014 09:02			01/25/2014 07:20			01/25/2014 07:42		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
594-20-7	2,2-Dichloropropane		ND	250	2500	2630	105	74 - 129	2570	103	2	30
76-13-1	Trichlorotrifluoroethane		ND	250	2500	2500	100	66 - 139	2390	96	4	30
563-58-6	1,1-Dichloropropene		ND	250	2500	2640	106	70 - 138	2560	102	3	30
142-28-9	1,3-Dichloropropane		ND	250	2500	2420	97	77 - 121	2470	99	2	30
108-86-1	Bromobenzene		ND	250	2500	2360	94	73 - 124	2330	93	1	30
95-49-8	2-Chlorotoluene		ND	250	2500	2490	100	75 - 132	2420	97	3	30
106-43-4	4-Chlorotoluene		ND	250	2500	2520	101	74 - 133	2430	97	4	30
98-06-6	tert-Butylbenzene		ND	250	2500	2620	105	72 - 136	2490	100	5	30
135-98-8	sec-Butylbenzene		ND	250	2500	2700	108	72 - 141	2460	98	9	30
541-73-1	1,3-Dichlorobenzene		ND	250	2500	2530	101	77 - 127	2470	99	2	30
106-46-7	1,4-Dichlorobenzene		ND	250	2500	2460	98	74 - 123	2390	96	3	30
104-51-8	n-Butylbenzene		ND	250	2500	2360	94	68 - 144	2140	86	10	30
95-50-1	1,2-Dichlorobenzene		ND	250	2500	2490	100	76 - 125	2460	98	1	30
87-68-3	Hexachlorobutadiene		ND	250	2500	2640	106	71 - 140	2400	96	10	30
91-20-3	Naphthalene		ND	250	2500	2140	86	54 - 132	2240	90	5	35
75-35-4	1,1-Dichloroethene		ND	250	2500	2500	100	68 - 129	2490	100	0	20
71-43-2	Benzene		ND	250	2500	2440	98	73 - 128	2400	96	2	20
79-01-6	Trichloroethene		ND	250	2500	2420	97	78 - 127	2390	96	1	20
108-88-3	Toluene		ND	250	2500	2340	94	74 - 121	2340	94	0	20
108-90-7	Chlorobenzene		ND	250	2500	2430	97	75 - 121	2430	97	0	20
Surrogate												
460-00-4	4-Bromofluorobenzene		2760	110	2500	2520	101	62 - 127	2600	104		
1868-53-7	Dibromofluoromethane		2580	103	2500	2520	101	65 - 130	2520	101		
2037-26-5	Toluene d8		2630	105	2500	2460	98	71 - 132	2490	100		
17060-07-0	1,2-Dichloroethane-d4		2510	100	2500	2500	100	62 - 125	2440	98		

GC/MS Volatiles Quality Control Summary

Analytical Batch	524274	**Client ID**	MB524274			LCS524274			LCSD524274		
Prep Batch	N/A	**GCAL ID**	1277128			1277131			1277132		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/26/2014 14:26			01/26/2014 12:37			01/26/2014 12:58		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	25.0	50.0	50.0	100	38 - 152	47.7	95	5	30
74-97-5	Bromochloromethane	ND	5.00	50.0	50.5	101	73 - 127	49.1	98	3	30
75-27-4	Bromodichloromethane	ND	5.00	50.0	47.5	95	74 - 126	46.3	93	3	30
75-25-2	Bromoform	ND	5.00	50.0	51.4	103	67 - 122	50.3	101	2	30
74-83-9	Bromomethane	ND	5.00	50.0	60.0	120	48 - 139	57.1	114	5	30
75-15-0	Carbon disulfide	ND	5.00	50.0	47.3	95	68 - 133	46.4	93	2	30
56-23-5	Carbon tetrachloride	ND	5.00	50.0	48.2	96	71 - 133	48.3	97	0	30
75-00-3	Chloroethane	ND	5.00	50.0	47.7	95	57 - 144	44.6	89	7	30
136777-61-2	m,p-Xylene	ND	5.00	100	102	102	72 - 128	100	100	2	30
67-66-3	Chloroform	ND	5.00	50.0	45.6	91	74 - 124	45.2	90	1	30
74-87-3	Chloromethane	ND	5.00	50.0	48.3	97	61 - 130	47.3	95	2	30
124-48-1	Dibromochloromethane	ND	5.00	50.0	50.3	101	74 - 122	48.9	98	3	30
74-95-3	Dibromomethane	ND	5.00	50.0	47.5	95	72 - 125	47.0	94	1	30
75-71-8	Dichlorodifluoromethane	ND	5.00	50.0	44.7	89	59 - 138	44.0	88	2	30
75-34-3	1,1-Dichloroethane	ND	5.00	50.0	46.0	92	71 - 126	45.6	91	1	30
107-06-2	1,2-Dichloroethane	ND	5.00	50.0	46.0	92	68 - 126	45.0	90	2	30
156-59-2	cis-1,2-Dichloroethene	ND	5.00	50.0	47.9	96	72 - 130	47.2	94	1	30
156-60-5	trans-1,2-Dichloroethene	ND	5.00	50.0	46.9	94	67 - 134	46.1	92	2	30
75-09-2	Methylene chloride	ND	10.0	50.0	51.2	102	66 - 130	49.6	99	3	30
78-87-5	1,2-Dichloropropane	ND	5.00	50.0	46.6	93	72 - 129	46.1	92	1	30
10061-01-5	cis-1,3-Dichloropropene	ND	5.00	50.0	52.3	105	72 - 129	51.5	103	2	30
10061-02-6	trans-1,3-Dichloropropene	ND	5.00	50.0	50.1	100	72 - 126	49.6	99	1	30
100-41-4	Ethylbenzene	ND	5.00	50.0	48.7	97	74 - 130	48.2	96	1	30
591-78-6	2-Hexanone	ND	5.00	50.0	47.7	95	47 - 137	47.5	95	0	30
98-82-8	Isopropylbenzene (Cumene)	ND	5.00	50.0	52.5	105	74 - 125	52.3	105	0	30
78-93-3	2-Butanone	ND	5.00	50.0	45.7	91	47 - 142	44.9	90	2	30
74-88-4	Methyl iodide	ND	5.00	50.0	56.1	112	54 - 140	54.0	108	4	30
108-10-1	4-Methyl-2-pentanone	ND	5.00	50.0	41.7	83	52 - 136	40.1	80	4	30
103-65-1	n-Propylbenzene	ND	5.00	50.0	46.7	93	73 - 137	46.4	93	1	30
100-42-5	Styrene	ND	5.00	50.0	53.4	107	72 - 128	52.3	105	2	30
127-18-4	Tetrachloroethene	ND	5.00	50.0	54.0	108	70 - 127	52.4	105	3	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.00	50.0	51.2	102	77 - 122	49.8	100	3	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.00	50.0	45.7	91	66 - 129	44.6	89	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524274	**Client ID**	MB524274			LCS524274			LCSD524274		
Prep Batch	N/A	**GCAL ID**	1277128			1277131			1277132		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/26/2014 14:26			01/26/2014 12:37			01/26/2014 12:58		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	5.00	50.0	53.3	107	64 - 135	53.5	107	0	30
71-55-6	1,1,1-Trichloroethane	ND	5.00	50.0	49.0	98	70 - 130	47.9	96	2	30
79-00-5	1,1,2-Trichloroethane	ND	5.00	50.0	48.3	97	74 - 120	47.8	96	1	30
75-69-4	Trichlorofluoromethane	ND	5.00	50.0	46.5	93	64 - 141	45.8	92	2	30
96-18-4	1,2,3-Trichloropropane	ND	5.00	50.0	44.4	89	63 - 132	44.2	88	1	30
95-63-6	1,2,4-Trimethylbenzene	ND	5.00	50.0	49.8	100	75 - 130	49.4	99	1	30
108-67-8	1,3,5-Trimethylbenzene	ND	5.00	50.0	49.0	98	74 - 136	48.7	97	1	30
75-01-4	Vinyl chloride	ND	5.00	50.0	48.3	97	67 - 131	47.2	94	2	30
95-47-6	o-Xylene	ND	5.00	50.0	52.4	105	69 - 133	52.0	104	1	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.00	50.0	49.3	99	60 - 123	49.6	99	1	30
106-93-4	1,2-Dibromoethane	ND	5.00	50.0	49.4	99	74 - 122	48.1	96	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5.00	50.0	48.9	98	69 - 126	48.1	96	2	30
540-59-0	1,2-Dichloroethene(Total)	ND	10.0	100	94.8	95	72 - 129	93.3	93	2	30
99-87-6	4-Isopropyltoluene	ND	5.00	50.0	51.3	103	71 - 136	50.6	101	1	30
1330-20-7	Xylene (total)	ND	10.0	150	154	103	71 - 129	152	101	1	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.00	50.0	44.3	89	44 - 146	43.3	87	2	30
594-20-7	2,2-Dichloropropane	ND	5.00	50.0	51.0	102	74 - 129	48.4	97	5	30
76-13-1	Trichlorotrifluoroethane	ND	5.00	50.0	49.1	98	66 - 139	48.2	96	2	30
563-58-6	1,1-Dichloropropene	ND	5.00	50.0	48.4	97	70 - 138	48.1	96	1	30
142-28-9	1,3-Dichloropropane	ND	5.00	50.0	48.3	97	77 - 121	47.5	95	2	30
108-86-1	Bromobenzene	ND	5.00	50.0	45.0	90	73 - 124	44.9	90	0	30
95-49-8	2-Chlorotoluene	ND	5.00	50.0	47.6	95	75 - 132	47.4	95	0	30
106-43-4	4-Chlorotoluene	ND	5.00	50.0	48.4	97	74 - 133	48.8	98	1	30
98-06-6	tert-Butylbenzene	ND	5.00	50.0	49.1	98	72 - 136	49.5	99	1	30
135-98-8	sec-Butylbenzene	ND	5.00	50.0	49.1	98	72 - 141	48.9	98	0	30
541-73-1	1,3-Dichlorobenzene	ND	5.00	50.0	49.0	98	77 - 127	49.0	98	0	30
106-46-7	1,4-Dichlorobenzene	ND	5.00	50.0	48.4	97	74 - 123	48.0	96	1	30
104-51-8	n-Butylbenzene	ND	5.00	50.0	49.2	98	68 - 144	48.4	97	2	30
95-50-1	1,2-Dichlorobenzene	ND	5.00	50.0	49.3	99	76 - 125	48.2	96	2	30
87-68-3	Hexachlorobutadiene	ND	5.00	50.0	51.8	104	71 - 140	50.7	101	2	30
91-20-3	Naphthalene	ND	5.00	50.0	46.1	92	54 - 132	46.6	93	1	35
75-35-4	1,1-Dichloroethene	ND	5.00	50.0	49.0	98	68 - 129	48.1	96	2	20
71-43-2	Benzene	ND	5.00	50.0	48.6	97	73 - 128	47.4	95	3	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524274	**Client ID**	MB524274			LCS524274			LCSD524274		
Prep Batch	N/A	**GCAL ID**	1277128			1277131			1277132		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/26/2014 14:26			01/26/2014 12:37			01/26/2014 12:58		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
79-01-6	Trichloroethene		ND	5.00	50.0	50.2	100	78 - 127	48.6	97	3	20
108-88-3	Toluene		ND	5.00	50.0	48.2	96	74 - 121	46.9	94	3	20
108-90-7	Chlorobenzene		ND	5.00	50.0	49.7	99	75 - 121	49.1	98	1	20
Surrogate												
460-00-4	4-Bromofluorobenzene		54.1	108	50	52.8	106	62 - 127	53.3	107		
1868-53-7	Dibromofluoromethane		52.5	105	50	51.1	102	65 - 130	51.3	103		
2037-26-5	Toluene d8		54.8	110	50	50.6	101	71 - 132	49.9	100		
17060-07-0	1,2-Dichloroethane-d4		49.7	99	50	48.3	97	62 - 125	48.2	96		

Analytical Batch	524283	**Client ID**	MB524283			LCS524283			LCSD524283		
Prep Batch	N/A	**GCAL ID**	1277146			1277147			1277148		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/26/2014 21:20			01/26/2014 19:50			01/26/2014 20:12		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	25.0	50.0	47.5	95	38 - 152	47.1	94	1	30
74-97-5	Bromochloromethane		ND	5.00	50.0	47.3	95	73 - 127	46.8	94	1	30
75-27-4	Bromodichloromethane		ND	5.00	50.0	45.5	91	74 - 126	44.8	90	2	30
75-25-2	Bromoform		ND	5.00	50.0	49.7	99	67 - 122	50.0	100	1	30
74-83-9	Bromomethane		ND	5.00	50.0	54.9	110	48 - 139	55.0	110	0	30
75-15-0	Carbon disulfide		ND	5.00	50.0	45.0	90	68 - 133	44.8	90	0	30
56-23-5	Carbon tetrachloride		ND	5.00	50.0	47.4	95	71 - 133	46.9	94	1	30
75-00-3	Chloroethane		ND	5.00	50.0	45.8	92	57 - 144	42.9	86	7	30
136777-61-2	m,p-Xylene		ND	5.00	100	99.0	99	72 - 128	98.2	98	1	30
67-66-3	Chloroform		ND	5.00	50.0	43.8	88	74 - 124	43.8	88	0	30
74-87-3	Chloromethane		ND	5.00	50.0	44.0	88	61 - 130	45.8	92	4	30
124-48-1	Dibromochloromethane		ND	5.00	50.0	48.8	98	74 - 122	48.8	98	0	30
74-95-3	Dibromomethane		ND	5.00	50.0	46.1	92	72 - 125	46.0	92	0	30
75-71-8	Dichlorodifluoromethane		ND	5.00	50.0	43.8	88	59 - 138	42.6	85	3	30
75-34-3	1,1-Dichloroethane		ND	5.00	50.0	43.9	88	71 - 126	43.8	88	0	30
107-06-2	1,2-Dichloroethane		ND	5.00	50.0	43.4	87	68 - 126	43.3	87	0	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524283	**Client ID**	MB524283			LCS524283			LCSD524283		
Prep Batch	N/A	**GCAL ID**	1277146			1277147			1277148		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/26/2014 21:20			01/26/2014 19:50			01/26/2014 20:12		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-59-2	cis-1,2-Dichloroethene	ND	5.00	50.0	44.7	89	72 - 130	44.7	89	0	30
156-60-5	trans-1,2-Dichloroethene	ND	5.00	50.0	44.7	89	67 - 134	44.5	89	0	30
75-09-2	Methylene chloride	ND	10.0	50.0	46.3	93	66 - 130	46.8	94	1	30
78-87-5	1,2-Dichloropropane	ND	5.00	50.0	43.9	88	72 - 129	44.4	89	1	30
10061-01-5	cis-1,3-Dichloropropene	ND	5.00	50.0	50.0	100	72 - 129	49.5	99	1	30
10061-02-6	trans-1,3-Dichloropropene	ND	5.00	50.0	48.0	96	72 - 126	48.3	97	1	30
100-41-4	Ethylbenzene	ND	5.00	50.0	46.8	94	74 - 130	46.1	92	2	30
591-78-6	2-Hexanone	ND	5.00	50.0	46.8	94	47 - 137	47.8	96	2	30
98-82-8	Isopropylbenzene (Cumene)	ND	5.00	50.0	52.0	104	74 - 125	50.8	102	2	30
78-93-3	2-Butanone	ND	5.00	50.0	44.8	90	47 - 142	44.5	89	1	30
74-88-4	Methyl iodide	ND	5.00	50.0	56.1	112	54 - 140	54.4	109	3	30
108-10-1	4-Methyl-2-pentanone	ND	5.00	50.0	40.4	81	52 - 136	40.5	81	0	30
103-65-1	n-Propylbenzene	ND	5.00	50.0	45.3	91	73 - 137	44.9	90	1	30
100-42-5	Styrene	ND	5.00	50.0	51.6	103	72 - 128	50.9	102	1	30
127-18-4	Tetrachloroethene	ND	5.00	50.0	51.3	103	70 - 127	51.2	102	0	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.00	50.0	49.5	99	77 - 122	48.6	97	2	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.00	50.0	45.3	91	66 - 129	44.9	90	1	30
120-82-1	1,2,4-Trichlorobenzene	ND	5.00	50.0	51.8	104	64 - 135	51.3	103	1	30
71-55-6	1,1,1-Trichloroethane	ND	5.00	50.0	46.9	94	70 - 130	46.2	92	2	30
79-00-5	1,1,2-Trichloroethane	ND	5.00	50.0	47.0	94	74 - 120	46.5	93	1	30
75-69-4	Trichlorofluoromethane	ND	5.00	50.0	45.4	91	64 - 141	44.7	89	2	30
96-18-4	1,2,3-Trichloropropane	ND	5.00	50.0	43.5	87	63 - 132	43.3	87	1	30
95-63-6	1,2,4-Trimethylbenzene	ND	5.00	50.0	47.5	95	75 - 130	48.0	96	1	30
108-67-8	1,3,5-Trimethylbenzene	ND	5.00	50.0	46.8	94	74 - 136	46.9	94	0	30
75-01-4	Vinyl chloride	ND	5.00	50.0	46.5	93	67 - 131	45.9	92	1	30
95-47-6	o-Xylene	ND	5.00	50.0	50.6	101	69 - 133	50.3	101	1	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.00	50.0	48.2	96	60 - 123	50.2	100	4	30
106-93-4	1,2-Dibromoethane	ND	5.00	50.0	47.8	96	74 - 122	47.7	95	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5.00	50.0	46.5	93	69 - 126	47.1	94	1	30
540-59-0	1,2-Dichloroethene(Total)	ND	10.0	100	89.4	89	72 - 129	89.2	89	0	30
99-87-6	4-Isopropyltoluene	ND	5.00	50.0	49.1	98	71 - 136	48.5	97	1	30
1330-20-7	Xylene (total)	ND	10.0	150	150	100	71 - 129	149	99	1	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.00	50.0	44.6	89	44 - 146	43.7	87	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524283	**Client ID**	MB524283			LCS524283			LCSD524283		
Prep Batch	N/A	**GCAL ID**	1277146			1277147			1277148		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/26/2014 21:20			01/26/2014 19:50			01/26/2014 20:12		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
594-20-7	2,2-Dichloropropane	ND	5.00	50.0	49.0	98	74 - 129	48.2	96	2	30
76-13-1	Trichlorotrifluoroethane	ND	5.00	50.0	47.9	96	66 - 139	47.3	95	1	30
563-58-6	1,1-Dichloropropene	ND	5.00	50.0	47.3	95	70 - 138	46.5	93	2	30
142-28-9	1,3-Dichloropropane	ND	5.00	50.0	46.3	93	77 - 121	46.0	92	1	30
108-86-1	Bromobenzene	ND	5.00	50.0	43.9	88	73 - 124	43.5	87	1	30
95-49-8	2-Chlorotoluene	ND	5.00	50.0	46.1	92	75 - 132	45.7	91	1	30
106-43-4	4-Chlorotoluene	ND	5.00	50.0	47.0	94	74 - 133	47.2	94	0	30
98-06-6	tert-Butylbenzene	ND	5.00	50.0	48.2	96	72 - 136	47.8	96	1	30
135-98-8	sec-Butylbenzene	ND	5.00	50.0	47.2	94	72 - 141	47.1	94	0	30
541-73-1	1,3-Dichlorobenzene	ND	5.00	50.0	47.4	95	77 - 127	47.1	94	1	30
106-46-7	1,4-Dichlorobenzene	ND	5.00	50.0	46.5	93	74 - 123	46.5	93	0	30
104-51-8	n-Butylbenzene	ND	5.00	50.0	47.1	94	68 - 144	46.6	93	1	30
95-50-1	1,2-Dichlorobenzene	ND	5.00	50.0	48.0	96	76 - 125	47.8	96	0	30
87-68-3	Hexachlorobutadiene	ND	5.00	50.0	49.0	98	71 - 140	48.5	97	1	30
91-20-3	Naphthalene	ND	5.00	50.0	45.8	92	54 - 132	45.7	91	0	35
75-35-4	1,1-Dichloroethene	ND	5.00	50.0	46.4	93	68 - 129	46.9	94	1	20
71-43-2	Benzene	ND	5.00	50.0	46.0	92	73 - 128	45.6	91	1	20
79-01-6	Trichloroethene	ND	5.00	50.0	47.9	96	78 - 127	47.7	95	0	20
108-88-3	Toluene	ND	5.00	50.0	46.3	93	74 - 121	45.6	91	2	20
108-90-7	Chlorobenzene	ND	5.00	50.0	48.2	96	75 - 121	47.4	95	2	20
Surrogate											
460-00-4	4-Bromofluorobenzene	54.8	110	50	53	106	62 - 127	53.4	107		
1868-53-7	Dibromofluoromethane	51	102	50	51.1	102	65 - 130	51.4	103		
2037-26-5	Toluene d8	55.5	111	50	50.8	102	71 - 132	50.3	101		
17060-07-0	1,2-Dichloroethane-d4	45.6	91	50	48.4	97	62 - 125	48.4	97		

GC/MS Volatiles Quality Control Summary

Analytical Batch	524291	**Client ID**	MB524291			LCS524291			LCSD524291		
Prep Batch	N/A	**GCAL ID**	1277172			1277173			1277174		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 08:26			01/27/2014 06:56			01/27/2014 07:19		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	1250	2500	2110	84	38 - 152	2300	92	9	30
74-97-5	Bromochloromethane	ND	250	2500	2520	101	73 - 127	2460	98	2	30
75-27-4	Bromodichloromethane	ND	250	2500	2300	92	74 - 126	2290	92	0	30
75-25-2	Bromoform	ND	250	2500	2650	106	67 - 122	2680	107	1	30
74-83-9	Bromomethane	ND	250	2500	2020	81	48 - 139	2250	90	11	30
75-15-0	Carbon disulfide	ND	250	2500	2390	96	68 - 133	2170	87	10	30
56-23-5	Carbon tetrachloride	ND	250	2500	2330	93	71 - 133	2250	90	3	30
75-00-3	Chloroethane	ND	250	2500	2160	86	57 - 144	2100	84	3	30
136777-61-2	m,p-Xylene	ND	250	5000	5430	109	72 - 128	5140	103	5	30
67-66-3	Chloroform	ND	250	2500	2230	89	74 - 124	2170	87	3	30
74-87-3	Chloromethane	ND	250	2500	1880	75	61 - 130	1890	76	1	30
124-48-1	Dibromochloromethane	ND	250	2500	2570	103	74 - 122	2550	102	1	30
74-95-3	Dibromomethane	ND	250	2500	2360	94	72 - 125	2380	95	1	30
75-71-8	Dichlorodifluoromethane	ND	250	2500	2110	84	59 - 138	1980	79	6	30
75-34-3	1,1-Dichloroethane	ND	250	2500	2230	89	71 - 126	2170	87	3	30
107-06-2	1,2-Dichloroethane	ND	250	2500	2130	85	68 - 126	2120	85	1	30
156-59-2	cis-1,2-Dichloroethene	ND	250	2500	2380	95	72 - 130	2270	91	5	30
156-60-5	trans-1,2-Dichloroethene	ND	250	2500	2310	92	67 - 134	2210	88	4	30
75-09-2	Methylene chloride	ND	500	2500	2150	86	66 - 130	2100	84	2	30
78-87-5	1,2-Dichloropropane	ND	250	2500	2350	94	72 - 129	2310	92	2	30
10061-01-5	cis-1,3-Dichloropropene	ND	250	2500	2490	100	72 - 129	2450	98	2	30
10061-02-6	trans-1,3-Dichloropropene	ND	250	2500	2370	95	72 - 126	2360	94	0	30
100-41-4	Ethylbenzene	ND	250	2500	2590	104	74 - 130	2470	99	5	30
591-78-6	2-Hexanone	ND	250	2500	2490	100	47 - 137	2640	106	6	30
98-82-8	Isopropylbenzene (Cumene)	ND	250	2500	2850	114	74 - 125	2650	106	7	30
78-93-3	2-Butanone	ND	250	2500	2120	85	47 - 142	2250	90	6	30
74-88-4	Methyl iodide	ND	250	2500	2430	97	54 - 140	2310	92	5	30
108-10-1	4-Methyl-2-pentanone	ND	250	2500	2400	96	52 - 136	2510	100	4	30
103-65-1	n-Propylbenzene	ND	250	2500	2530	101	73 - 137	2350	94	7	30
100-42-5	Styrene	ND	250	2500	2800	112	72 - 128	2720	109	3	30
127-18-4	Tetrachloroethene	ND	250	2500	2680	107	70 - 127	2510	100	7	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	2500	2570	103	77 - 122	2490	100	3	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	2500	2570	103	66 - 129	2640	106	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524291	**Client ID**	MB524291			LCS524291			LCSD524291		
Prep Batch	N/A	**GCAL ID**	1277172			1277173			1277174		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 08:26			01/27/2014 06:56			01/27/2014 07:19		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	250	2500	2460	98	64 - 135	2300	92	7	30
71-55-6	1,1,1-Trichloroethane	ND	250	2500	2230	89	70 - 130	2150	86	4	30
79-00-5	1,1,2-Trichloroethane	ND	250	2500	2740	110	74 - 120	2730	109	0	30
75-69-4	Trichlorofluoromethane	ND	250	2500	2210	88	64 - 141	2110	84	5	30
96-18-4	1,2,3-Trichloropropane	ND	250	2500	2370	95	63 - 132	2470	99	4	30
95-63-6	1,2,4-Trimethylbenzene	ND	250	2500	2720	109	75 - 130	2540	102	7	30
108-67-8	1,3,5-Trimethylbenzene	ND	250	2500	2640	106	74 - 136	2440	98	8	30
75-01-4	Vinyl chloride	ND	250	2500	2030	81	67 - 131	1910	76	6	30
95-47-6	o-Xylene	ND	250	2500	2850	114	69 - 133	2730	109	4	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	2500	2400	96	60 - 123	2550	102	6	30
106-93-4	1,2-Dibromoethane	ND	250	2500	2510	100	74 - 122	2580	103	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	250	2500	2560	102	69 - 126	2580	103	1	30
540-59-0	1,2-Dichloroethene(Total)	ND	500	5000	4690	94	72 - 129	4470	89	5	30
99-87-6	4-Isopropyltoluene	ND	250	2500	2390	96	71 - 136	2200	88	8	30
1330-20-7	Xylene (total)	ND	500	7500	8280	110	71 - 129	7870	105	5	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	2500	2200	88	44 - 146	2320	93	5	30
594-20-7	2,2-Dichloropropane	ND	250	2500	2490	100	74 - 129	2380	95	5	30
76-13-1	Trichlorotrifluoroethane	ND	250	2500	2310	92	66 - 139	2200	88	5	30
563-58-6	1,1-Dichloropropene	ND	250	2500	2530	101	70 - 138	2400	96	5	30
142-28-9	1,3-Dichloropropane	ND	250	2500	2550	102	77 - 121	2560	102	0	30
108-86-1	Bromobenzene	ND	250	2500	2410	96	73 - 124	2340	94	3	30
95-49-8	2-Chlorotoluene	ND	250	2500	2570	103	75 - 132	2440	98	5	30
106-43-4	4-Chlorotoluene	ND	250	2500	2560	102	74 - 133	2460	98	4	30
98-06-6	tert-Butylbenzene	ND	250	2500	2610	104	72 - 136	2450	98	6	30
135-98-8	sec-Butylbenzene	ND	250	2500	2710	108	72 - 141	2470	99	9	30
541-73-1	1,3-Dichlorobenzene	ND	250	2500	2610	104	77 - 127	2470	99	6	30
106-46-7	1,4-Dichlorobenzene	ND	250	2500	2510	100	74 - 123	2400	96	4	30
104-51-8	n-Butylbenzene	ND	250	2500	2350	94	68 - 144	2160	86	8	30
95-50-1	1,2-Dichlorobenzene	ND	250	2500	2600	104	76 - 125	2500	100	4	30
87-68-3	Hexachlorobutadiene	ND	250	2500	2580	103	71 - 140	2260	90	13	30
91-20-3	Naphthalene	ND	250	2500	2360	94	54 - 132	2400	96	2	35
75-35-4	1,1-Dichloroethene	ND	250	2500	2530	101	68 - 129	2370	95	7	20
71-43-2	Benzene	ND	250	2500	2450	98	73 - 128	2340	94	5	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524291	**Client ID**	MB524291			LCS524291			LCSD524291		
Prep Batch	N/A	**GCAL ID**	1277172			1277173			1277174		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 08:26			01/27/2014 06:56			01/27/2014 07:19		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg		**Spike**	**Result**		**Control**	**Result**		**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
79-01-6	Trichloroethene	ND	250		2500	2390	96	78 - 127	2300	92	4	20
108-88-3	Toluene	ND	250		2500	2500	100	74 - 121	2410	96	4	20
108-90-7	Chlorobenzene	ND	250		2500	2610	104	75 - 121	2490	100	5	20
Surrogate												
460-00-4	4-Bromofluorobenzene	2830	113		2500	2650	106	62 - 127	2650	106		
1868-53-7	Dibromofluoromethane	2440	98		2500	2420	97	65 - 130	2420	97		
2037-26-5	Toluene d8	2660	106		2500	2590	104	71 - 132	2590	104		
17060-07-0	1,2-Dichloroethane-d4	2260	90		2500	2210	88	62 - 125	2230	89		

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name | Client

Client ID: 4642 - Sage Environmental
SDG: 214012022
Due Date: 01/27/14

Report to:
Client: SAGE Environmental
Address: 600 Chastain Road
Suite 320, Kennesaw, GA 30144
Contact: Jack Wintle
Phone: 678-431-0130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

P.O. Number: 1221-1-3
Project Name/Number: Raylor VRP
Sampled By: Mathew Howe

Analytical Requests & Method

Custody Seal
used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 4.1 E22

7974-6585-1281

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOCs	Remarks:	Lab ID
S	1/17	0935		X	SA-9 @ 15'		4			1
		0935		X	SA-9 @ 30'					2
		1010		X	SA-10 @ 20'					3
		1010		X	SA-10 @ 30'					4
		1051		X	SA-11 @ 20'					5
		1051		X	SA-11 @ 30'					6
		1120		X	SA-12 @ 15'					7
		1120		X	SA-12 @ 30'					8
		1242		X	SA-13 @ 15'					9
		1242		X	SA-13 @ 30'					10
		1317		X	SA-14 @ 15'					11
		1317		X	SA-14 @ 20'					12
		1408		X	SA-15 @ 10'					13
		1408		X	SA-15 @ 30'					14

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Matt Howe	Hugo Alvez	1/17/14	15:11
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx	[illegible]	1/20/14	12:35

Note: Many of these samples had very high PID hits.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name

Client ID: 4042 - Sage Environmental

SDG: 214012022

Due Date: 01/27/14

Report to:
Client: Rayloc VRP
Address: 600 Chastain Rd.
Kennesaw, GA
Contact: Jack Wittle
Phone: 678 431-0130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

P.O. Number: 1221-1-3
Project Name/Number: Rayloc VRP
Sampled By: Matthew Howe

Analytical Requests & Method: VOCs

Lab use only:
Custody Seal used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 4.1 522

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	Remarks:	Lab ID
S	1/16	9:50		✓	SA-1@20'		4		15
		9:50			SA-1@30'				16
		10:32			SA-2@20'				17
		10:32			SA-2@30'				18
		11:30			SA-3@15'				19
		11:30			SA-3@30'				20
		12:00			SA-4@15'				21
		12:00			SA-4@30'				22
		1:28			SA-5@10'				23
		1:35			SA-5@30'				24
		2:06			SA-6@10'				25
		2:06			SA-6@30'				26
		3:05			SA-7@15'				27
		3:05			SA-7@05'				28

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	1/17/14	1518
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx	[signature]	1/20/14	1235

Note: Some of these samples had high PID hits.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name

Client ID: 4042 - Sage Environmental
SDG: 214012022
Due Date: 01/27/14

Report to:
Client: Raylac VRP
Address: 600 Chastain Rd
Kennesaw, GA
Contact: Jack Wittle
Phone: 678 431-0130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

P.O. Number: 1221-1-3
Project Name/Number: Raylac VRP
Sampled By: Mathew Howe

Analytical Requests & Method: VOCs

Lab use only:
Custody Seal used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 4.1 ± 2.2

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOCs	Remarks:	Lab ID
S	1/16	4:02		✓	SA-8 @ 15'		4	X		29
S	1/16	4:02		✓	SA-8 @ 30'		4	X		30

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	1/17/14	1518
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Fedex	[signature]	1/20/14	1235

Note:

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

SAMPLE RECEIVING CHECKLIST

214012022

SAMPLE DELIVERY GROUP 214012022	
Client 4642 - Sage Environmental	Transport Method FEDEX
Profile Number 240745	Received By Brown, Aaron D.
Line Item(s) 2 - Soils	Receive Date(s) 01/20/14

CHECKLIST	YES	NO	NA
Were all samples received using proper thermal preservation?	☑	☐	☐
When used, were all custody seals intact?	☑	☐	☐
Were all samples received in proper containers?	☑	☐	☐
Were all samples received using proper chemical preservation?	☑	☐	☐
Was preservative added to any container at the lab?	☐	☑	☐
Were all containers received in good condition?	☑	☐	☐
Were all VOA vials received with no head space?	☐	☐	☑
Do all sample labels match the Chain of Custody?	☑	☐	☐
Did the Chain of Custody list the sampling technician?	☑	☐	☐
Was the COC maintained i.e. all signatures, dates and time of receipt included?	☑	☐	☐

COOLERS

Airbill	Thermometer ID: E22	Temp(°C)
7976-6585-1281		4.1

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 Innovation Park Dr.

Baton Rouge, LA 70820

Report Date 02/03/2014

GCAL Report 214012427

Deliver To	Sage Environmental Services 600 Chastain Rd. Kennesaw, GA 30144 678-431-0130
Attn	Jack Wintle

Project Rayloc VRP

CASE NARRATIVE

Client: Sage Environmental **Report:** 214012427

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis, all samples had to be diluted due to the presence of non-target background and/or to bracket the concentration of target compounds within the calibration range of the instrument. The dilution is reflected in elevated reporting limits.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Authorized Signature
GCAL REPORT 214012427

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242701	SA-20-A@25'	Solid	01/20/2014 11:00	01/23/2014 09:35
21401242702	SA-23-A@13'	Solid	01/20/2014 16:23	01/23/2014 09:35
21401242703	SA-18@30'	Solid	01/20/2014 13:24	01/23/2014 09:35
21401242704	SA-20-A@30'	Solid	01/20/2014 11:00	01/23/2014 09:35
21401242705	SA-19@30'	Solid	01/20/2014 11:41	01/23/2014 09:35
21401242706	SA-24@12'	Solid	01/20/2014 15:30	01/23/2014 09:35
21401242707	SA-25A@4'	Solid	01/20/2014 15:10	01/23/2014 09:35
21401242708	SA-18@15'	Solid	01/20/2014 13:24	01/23/2014 09:35
21401242709	SA-17@20'	Solid	01/20/2014 14:17	01/23/2014 09:35
21401242710	SA-16-A@8'	Solid	01/20/2014 14:50	01/23/2014 09:35
21401242711	SA-19@10'	Solid	01/20/2014 11:41	01/23/2014 09:35

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242701	SA-20-A@25'	Solid	01/20/2014 11:00	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	400	54.3		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242702	SA-23-A@13'	Solid	01/20/2014 16:23	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-63-6	1,2,4-Trimethylbenzene	24.3	7.51		mg/kg
540-59-0	1,2-Dichloroethene(Total)	184	15.0		mg/kg
541-73-1	1,3-Dichlorobenzene	18.2	7.51		mg/kg
106-46-7	1,4-Dichlorobenzene	49.0	7.51		mg/kg
100-41-4	Ethylbenzene	47.6	7.51		mg/kg
100-42-5	Styrene	21.7	7.51		mg/kg
127-18-4	Tetrachloroethene	36.1	7.51		mg/kg
108-88-3	Toluene	8.36	7.51		mg/kg
79-01-6	Trichloroethene	12.2	7.51		mg/kg
1330-20-7	Xylene (total)	41.2	15.0		mg/kg
156-59-2	cis-1,2-Dichloroethene	184	7.51		mg/kg
136777-61-2	m,p-Xylene	28.5	7.51		mg/kg
104-51-8	n-Butylbenzene	10.1	7.51		mg/kg
95-47-6	o-Xylene	12.7	7.51		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	621	75.1		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242703	SA-18@30'	Solid	01/20/2014 13:24	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	1.13	0.123		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242704	SA-20-A@30'	Solid	01/20/2014 11:00	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	260	26.1		mg/kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242705	SA-19@30'	Solid	01/20/2014 11:41	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	90.1	55.1		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	16400	551		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242706	SA-24@12'	Solid	01/20/2014 15:30	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
120-82-1	1,2,4-Trichlorobenzene	1.35	0.492		mg/kg
95-63-6	1,2,4-Trimethylbenzene	3.63	0.492		mg/kg
108-67-8	1,3,5-Trimethylbenzene	1.12	0.492		mg/kg
541-73-1	1,3-Dichlorobenzene	4.40	0.492		mg/kg
106-46-7	1,4-Dichlorobenzene	12.1	0.492		mg/kg
95-49-8	2-Chlorotoluene	0.834	0.492		mg/kg
100-41-4	Ethylbenzene	7.18	0.492		mg/kg
91-20-3	Naphthalene	1.37	0.492		mg/kg
100-42-5	Styrene	7.89	0.492		mg/kg
127-18-4	Tetrachloroethene	0.895	0.492		mg/kg
108-88-3	Toluene	3.28	0.492		mg/kg
1330-20-7	Xylene (total)	11.1	0.984		mg/kg
136777-61-2	m,p-Xylene	7.64	0.492		mg/kg
104-51-8	n-Butylbenzene	1.48	0.492		mg/kg
103-65-1	n-Propylbenzene	0.682	0.492		mg/kg
95-47-6	o-Xylene	3.48	0.492		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	149	4.92		mg/kg
540-59-0	1,2-Dichloroethene(Total)	140	9.84		mg/kg
156-59-2	cis-1,2-Dichloroethene	140	4.92		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242707	SA-25A@4'	Solid	01/20/2014 15:10	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	2.77	0.262		mg/kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242707	SA-25A@4'	Solid	01/20/2014 15:10	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	21.0	5.24		mg/kg
127-18-4	Tetrachloroethene	14.8	2.62		mg/kg
156-59-2	cis-1,2-Dichloroethene	21.0	2.62		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242708	SA-18@15'	Solid	01/20/2014 13:24	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	42.8	9.25		mg/kg
540-59-0	1,2-Dichloroethene(Total)	90.4	18.5		mg/kg
79-01-6	Trichloroethene	69.6	9.25		mg/kg
156-59-2	cis-1,2-Dichloroethene	90.4	9.25		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	911	92.5		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242709	SA-17@20'	Solid	01/20/2014 14:17	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	20.4	11.1		mg/kg
79-01-6	Trichloroethene	37.4	11.1		mg/kg
156-59-2	cis-1,2-Dichloroethene	14.8	11.1		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	685	111		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242710	SA-16-A@8'	Solid	01/20/2014 14:50	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	7.34	2.31		mg/kg
79-01-6	Trichloroethene	19.0	1.16		mg/kg
156-59-2	cis-1,2-Dichloroethene	7.34	1.16		mg/kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242710	**SA-16-A@8'**	Solid	01/20/2014 14:50	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	116	11.6		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242711	**SA-19@10'**	Solid	01/20/2014 11:41	01/23/2014 09:35

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	31.4	4.35		mg/kg
540-59-0	1,2-Dichloroethene(Total)	29.9	8.70		mg/kg
79-01-6	Trichloroethene	90.9	4.35		mg/kg
156-59-2	cis-1,2-Dichloroethene	29.9	4.35		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	506	43.5		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242701	**SA-20-A@25'**	Solid	01/20/2014 11:00	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/28/2014 02:33	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**400**	**54.3**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	543	573	mg/kg	106	62 - 127
1868-53-7	Dibromofluoromethane	543	551	mg/kg	101	65 - 130
2037-26-5	Toluene d8	543	581	mg/kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	543	547	mg/kg	101	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/28/2014 03:43	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.43		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	5.43		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.43		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	5.43		mg/kg
75-34-3	1,1-Dichloroethane	ND	5.43		mg/kg
75-35-4	1,1-Dichloroethene	ND	5.43		mg/kg
563-58-6	1,1-Dichloropropene	ND	5.43		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	5.43		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	5.43		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	5.43		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.43		mg/kg
106-93-4	1,2-Dibromoethane	ND	5.43		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	5.43		mg/kg
107-06-2	1,2-Dichloroethane	ND	5.43		mg/kg
540-59-0	1,2-Dichloroethene(Total)	ND	10.9		mg/kg
78-87-5	1,2-Dichloropropane	ND	5.43		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	5.43		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	5.43		mg/kg
142-28-9	1,3-Dichloropropane	ND	5.43		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	5.43		mg/kg
594-20-7	2,2-Dichloropropane	ND	5.43		mg/kg
78-93-3	2-Butanone	ND	5.43		mg/kg
95-49-8	2-Chlorotoluene	ND	5.43		mg/kg
591-78-6	2-Hexanone	ND	5.43		mg/kg
106-43-4	4-Chlorotoluene	ND	5.43		mg/kg
99-87-6	4-Isopropyltoluene	ND	5.43		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	5.43		mg/kg
67-64-1	Acetone	ND	27.1		mg/kg
71-43-2	Benzene	ND	5.43		mg/kg
108-86-1	Bromobenzene	ND	5.43		mg/kg
74-97-5	Bromochloromethane	ND	5.43		mg/kg
75-27-4	Bromodichloromethane	ND	5.43		mg/kg
75-25-2	Bromoform	ND	5.43		mg/kg
74-83-9	Bromomethane	ND	5.43		mg/kg
75-15-0	Carbon disulfide	ND	5.43		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242701	**SA-20-A@25'**	Solid	01/20/2014 11:00	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/28/2014 03:43	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	5.43		mg/kg
108-90-7	Chlorobenzene	ND	5.43		mg/kg
75-00-3	Chloroethane	ND	5.43		mg/kg
67-66-3	Chloroform	ND	5.43		mg/kg
74-87-3	Chloromethane	ND	5.43		mg/kg
124-48-1	Dibromochloromethane	ND	5.43		mg/kg
74-95-3	Dibromomethane	ND	5.43		mg/kg
75-71-8	Dichlorodifluoromethane	ND	5.43		mg/kg
100-41-4	Ethylbenzene	ND	5.43		mg/kg
87-68-3	Hexachlorobutadiene	ND	5.43		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	5.43		mg/kg
74-88-4	Methyl iodide	ND	5.43		mg/kg
75-09-2	Methylene chloride	ND	10.9		mg/kg
91-20-3	Naphthalene	ND	5.43		mg/kg
100-42-5	Styrene	ND	5.43		mg/kg
108-88-3	Toluene	ND	5.43		mg/kg
79-01-6	Trichloroethene	ND	5.43		mg/kg
75-69-4	Trichlorofluoromethane	ND	5.43		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	5.43		mg/kg
75-01-4	Vinyl chloride	ND	5.43		mg/kg
1330-20-7	Xylene (total)	ND	10.9		mg/kg
156-59-2	cis-1,2-Dichloroethene	ND	5.43		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	5.43		mg/kg
136777-61-2	m,p-Xylene	ND	5.43		mg/kg
104-51-8	n-Butylbenzene	ND	5.43		mg/kg
103-65-1	n-Propylbenzene	ND	5.43		mg/kg
95-47-6	o-Xylene	ND	5.43		mg/kg
135-98-8	sec-Butylbenzene	ND	5.43		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5.43		mg/kg
98-06-6	tert-Butylbenzene	ND	5.43		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	5.43		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	5.43		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.43		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	54.3	56.5	mg/kg	104	62 - 127
1868-53-7	Dibromofluoromethane	54.3	54.9	mg/kg	101	65 - 130
2037-26-5	Toluene d8	54.3	56.5	mg/kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	54.3	55	mg/kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242702	**SA-23-A@13'**	Solid	01/20/2014 16:23	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			25000	01/30/2014 14:46	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	**1,2-Dichlorobenzene**	**621**	**75.1**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	751	732	mg/kg	97	62 - 127
1868-53-7	Dibromofluoromethane	751	787	mg/kg	105	65 - 130
2037-26-5	Toluene d8	751	723	mg/kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	751	810	mg/kg	108	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2500	01/31/2014 15:53	CEK	524601

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.51		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	7.51		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.51		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	7.51		mg/kg
75-34-3	1,1-Dichloroethane	ND	7.51		mg/kg
75-35-4	1,1-Dichloroethene	ND	7.51		mg/kg
563-58-6	1,1-Dichloropropene	ND	7.51		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	7.51		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	7.51		mg/kg
95-63-6	**1,2,4-Trimethylbenzene**	**24.3**	**7.51**		**mg/kg**
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.51		mg/kg
106-93-4	1,2-Dibromoethane	ND	7.51		mg/kg
107-06-2	1,2-Dichloroethane	ND	7.51		mg/kg
540-59-0	**1,2-Dichloroethene(Total)**	**184**	**15.0**		**mg/kg**
78-87-5	1,2-Dichloropropane	ND	7.51		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	7.51		mg/kg
541-73-1	**1,3-Dichlorobenzene**	**18.2**	**7.51**		**mg/kg**
142-28-9	1,3-Dichloropropane	ND	7.51		mg/kg
106-46-7	**1,4-Dichlorobenzene**	**49.0**	**7.51**		**mg/kg**
594-20-7	2,2-Dichloropropane	ND	7.51		mg/kg
78-93-3	2-Butanone	ND	7.51		mg/kg
95-49-8	2-Chlorotoluene	ND	7.51		mg/kg
591-78-6	2-Hexanone	ND	7.51		mg/kg
106-43-4	4-Chlorotoluene	ND	7.51		mg/kg
99-87-6	4-Isopropyltoluene	ND	7.51		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	7.51		mg/kg
67-64-1	Acetone	ND	37.6		mg/kg
71-43-2	Benzene	ND	7.51		mg/kg
108-86-1	Bromobenzene	ND	7.51		mg/kg
74-97-5	Bromochloromethane	ND	7.51		mg/kg
75-27-4	Bromodichloromethane	ND	7.51		mg/kg
75-25-2	Bromoform	ND	7.51		mg/kg
74-83-9	Bromomethane	ND	7.51		mg/kg
75-15-0	Carbon disulfide	ND	7.51		mg/kg
56-23-5	Carbon tetrachloride	ND	7.51		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242702	**SA-23-A@13'**	Solid	01/20/2014 16:23	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2500	01/31/2014 15:53	CEK	524601

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-90-7	Chlorobenzene	ND	7.51		mg/kg
75-00-3	Chloroethane	ND	7.51		mg/kg
67-66-3	Chloroform	ND	7.51		mg/kg
74-87-3	Chloromethane	ND	7.51		mg/kg
124-48-1	Dibromochloromethane	ND	7.51		mg/kg
74-95-3	Dibromomethane	ND	7.51		mg/kg
75-71-8	Dichlorodifluoromethane	ND	7.51		mg/kg
100-41-4	**Ethylbenzene**	**47.6**	**7.51**		**mg/kg**
87-68-3	Hexachlorobutadiene	ND	7.51		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	7.51		mg/kg
74-88-4	Methyl iodide	ND	7.51		mg/kg
75-09-2	Methylene chloride	ND	15.0		mg/kg
91-20-3	Naphthalene	ND	7.51		mg/kg
100-42-5	**Styrene**	**21.7**	**7.51**		**mg/kg**
127-18-4	**Tetrachloroethene**	**36.1**	**7.51**		**mg/kg**
108-88-3	**Toluene**	**8.36**	**7.51**		**mg/kg**
79-01-6	**Trichloroethene**	**12.2**	**7.51**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	7.51		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	7.51		mg/kg
75-01-4	Vinyl chloride	ND	7.51		mg/kg
1330-20-7	**Xylene (total)**	**41.2**	**15.0**		**mg/kg**
156-59-2	**cis-1,2-Dichloroethene**	**184**	**7.51**		**mg/kg**
10061-01-5	cis-1,3-Dichloropropene	ND	7.51		mg/kg
136777-61-2	**m,p-Xylene**	**28.5**	**7.51**		**mg/kg**
104-51-8	**n-Butylbenzene**	**10.1**	**7.51**		**mg/kg**
103-65-1	n-Propylbenzene	ND	7.51		mg/kg
95-47-6	**o-Xylene**	**12.7**	**7.51**		**mg/kg**
135-98-8	sec-Butylbenzene	ND	7.51		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	7.51		mg/kg
98-06-6	tert-Butylbenzene	ND	7.51		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	7.51		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	7.51		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.51		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	75.1	72.5	mg/kg	97	62 - 127
1868-53-7	Dibromofluoromethane	75.1	73.6	mg/kg	98	65 - 130
2037-26-5	Toluene d8	75.1	74.6	mg/kg	99	71 - 132
17060-07-0	1,2-Dichloroethane-d4	75.1	75.5	mg/kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242703	**SA-18@30'**	Solid	01/20/2014 13:24	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/30/2014 15:06	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.123		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	0.123		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.123		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	0.123		mg/kg
75-34-3	1,1-Dichloroethane	ND	0.123		mg/kg
75-35-4	1,1-Dichloroethene	ND	0.123		mg/kg
563-58-6	1,1-Dichloropropene	ND	0.123		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	0.123		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	0.123		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	0.123		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.123		mg/kg
106-93-4	1,2-Dibromoethane	ND	0.123		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	0.123		mg/kg
107-06-2	1,2-Dichloroethane	ND	0.123		mg/kg
540-59-0	1,2-Dichloroethene(Total)	ND	0.245		mg/kg
78-87-5	1,2-Dichloropropane	ND	0.123		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	0.123		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	0.123		mg/kg
142-28-9	1,3-Dichloropropane	ND	0.123		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	0.123		mg/kg
594-20-7	2,2-Dichloropropane	ND	0.123		mg/kg
78-93-3	2-Butanone	ND	0.123		mg/kg
95-49-8	2-Chlorotoluene	ND	0.123		mg/kg
591-78-6	2-Hexanone	ND	0.123		mg/kg
106-43-4	4-Chlorotoluene	ND	0.123		mg/kg
99-87-6	4-Isopropyltoluene	ND	0.123		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	0.123		mg/kg
67-64-1	Acetone	ND	0.613		mg/kg
71-43-2	Benzene	ND	0.123		mg/kg
108-86-1	Bromobenzene	ND	0.123		mg/kg
74-97-5	Bromochloromethane	ND	0.123		mg/kg
75-27-4	Bromodichloromethane	ND	0.123		mg/kg
75-25-2	Bromoform	ND	0.123		mg/kg
74-83-9	Bromomethane	ND	0.123		mg/kg
75-15-0	Carbon disulfide	ND	0.123		mg/kg
56-23-5	Carbon tetrachloride	ND	0.123		mg/kg
108-90-7	Chlorobenzene	ND	0.123		mg/kg
75-00-3	Chloroethane	ND	0.123		mg/kg
67-66-3	Chloroform	ND	0.123		mg/kg
74-87-3	Chloromethane	ND	0.123		mg/kg
124-48-1	Dibromochloromethane	ND	0.123		mg/kg
74-95-3	Dibromomethane	ND	0.123		mg/kg
75-71-8	Dichlorodifluoromethane	ND	0.123		mg/kg
100-41-4	Ethylbenzene	ND	0.123		mg/kg
87-68-3	Hexachlorobutadiene	ND	0.123		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	0.123		mg/kg
74-88-4	Methyl iodide	ND	0.123		mg/kg
75-09-2	Methylene chloride	ND	0.245		mg/kg
91-20-3	Naphthalene	ND	0.123		mg/kg
100-42-5	Styrene	ND	0.123		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242703	**SA-18@30'**	Solid	01/20/2014 13:24	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/30/2014 15:06	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**1.13**	**0.123**		**mg/kg**
108-88-3	Toluene	ND	0.123		mg/kg
79-01-6	Trichloroethene	ND	0.123		mg/kg
75-69-4	Trichlorofluoromethane	ND	0.123		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	0.123		mg/kg
75-01-4	Vinyl chloride	ND	0.123		mg/kg
1330-20-7	Xylene (total)	ND	0.245		mg/kg
156-59-2	cis-1,2-Dichloroethene	ND	0.123		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	0.123		mg/kg
136777-61-2	m,p-Xylene	ND	0.123		mg/kg
104-51-8	n-Butylbenzene	ND	0.123		mg/kg
103-65-1	n-Propylbenzene	ND	0.123		mg/kg
95-47-6	o-Xylene	ND	0.123		mg/kg
135-98-8	sec-Butylbenzene	ND	0.123		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.123		mg/kg
98-06-6	tert-Butylbenzene	ND	0.123		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	0.123		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	0.123		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.123		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1.23	1.17	mg/kg	95	62 - 127
1868-53-7	Dibromofluoromethane	1.23	1.22	mg/kg	99	65 - 130
2037-26-5	Toluene d8	1.23	1.16	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1.23	1.31	mg/kg	107	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242704	**SA-20-A@30'**	Solid	01/20/2014 11:00	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/28/2014 03:20	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**260**	**26.1**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	261	273	mg/kg	105	62 - 127
1868-53-7	Dibromofluoromethane	261	266	mg/kg	102	65 - 130
2037-26-5	Toluene d8	261	280	mg/kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	261	265	mg/kg	101	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/28/2014 04:30	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.61		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	2.61		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.61		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	2.61		mg/kg
75-34-3	1,1-Dichloroethane	ND	2.61		mg/kg
75-35-4	1,1-Dichloroethene	ND	2.61		mg/kg
563-58-6	1,1-Dichloropropene	ND	2.61		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	2.61		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	2.61		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	2.61		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.61		mg/kg
106-93-4	1,2-Dibromoethane	ND	2.61		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	2.61		mg/kg
107-06-2	1,2-Dichloroethane	ND	2.61		mg/kg
540-59-0	1,2-Dichloroethene(Total)	ND	5.22		mg/kg
78-87-5	1,2-Dichloropropane	ND	2.61		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	2.61		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	2.61		mg/kg
142-28-9	1,3-Dichloropropane	ND	2.61		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	2.61		mg/kg
594-20-7	2,2-Dichloropropane	ND	2.61		mg/kg
78-93-3	2-Butanone	ND	2.61		mg/kg
95-49-8	2-Chlorotoluene	ND	2.61		mg/kg
591-78-6	2-Hexanone	ND	2.61		mg/kg
106-43-4	4-Chlorotoluene	ND	2.61		mg/kg
99-87-6	4-Isopropyltoluene	ND	2.61		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	2.61		mg/kg
67-64-1	Acetone	ND	13.1		mg/kg
71-43-2	Benzene	ND	2.61		mg/kg
108-86-1	Bromobenzene	ND	2.61		mg/kg
74-97-5	Bromochloromethane	ND	2.61		mg/kg
75-27-4	Bromodichloromethane	ND	2.61		mg/kg
75-25-2	Bromoform	ND	2.61		mg/kg
74-83-9	Bromomethane	ND	2.61		mg/kg
75-15-0	Carbon disulfide	ND	2.61		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242704	**SA-20-A@30'**	Solid	01/20/2014 11:00	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/28/2014 04:30	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	2.61		mg/kg
108-90-7	Chlorobenzene	ND	2.61		mg/kg
75-00-3	Chloroethane	ND	2.61		mg/kg
67-66-3	Chloroform	ND	2.61		mg/kg
74-87-3	Chloromethane	ND	2.61		mg/kg
124-48-1	Dibromochloromethane	ND	2.61		mg/kg
74-95-3	Dibromomethane	ND	2.61		mg/kg
75-71-8	Dichlorodifluoromethane	ND	2.61		mg/kg
100-41-4	Ethylbenzene	ND	2.61		mg/kg
87-68-3	Hexachlorobutadiene	ND	2.61		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	2.61		mg/kg
74-88-4	Methyl iodide	ND	2.61		mg/kg
75-09-2	Methylene chloride	ND	5.22		mg/kg
91-20-3	Naphthalene	ND	2.61		mg/kg
100-42-5	Styrene	ND	2.61		mg/kg
108-88-3	Toluene	ND	2.61		mg/kg
79-01-6	Trichloroethene	ND	2.61		mg/kg
75-69-4	Trichlorofluoromethane	ND	2.61		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	2.61		mg/kg
75-01-4	Vinyl chloride	ND	2.61		mg/kg
1330-20-7	Xylene (total)	ND	5.22		mg/kg
156-59-2	cis-1,2-Dichloroethene	ND	2.61		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	2.61		mg/kg
136777-61-2	m,p-Xylene	ND	2.61		mg/kg
104-51-8	n-Butylbenzene	ND	2.61		mg/kg
103-65-1	n-Propylbenzene	ND	2.61		mg/kg
95-47-6	o-Xylene	ND	2.61		mg/kg
135-98-8	sec-Butylbenzene	ND	2.61		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	2.61		mg/kg
98-06-6	tert-Butylbenzene	ND	2.61		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	2.61		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	2.61		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.61		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	26.1	28	mg/kg	107	62 - 127
1868-53-7	Dibromofluoromethane	26.1	26.1	mg/kg	100	65 - 130
2037-26-5	Toluene d8	26.1	27.3	mg/kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	26.1	25.9	mg/kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242705	**SA-19@30'**	Solid	01/20/2014 11:41	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200000	01/30/2014 14:27	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**16400**	**551**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5510	5100	mg/kg	93	62 - 127
1868-53-7	Dibromofluoromethane	5510	5760	mg/kg	104	65 - 130
2037-26-5	Toluene d8	5510	5220	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	5510	6040	mg/kg	110	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/30/2014 17:25	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	55.1		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	55.1		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	55.1		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	55.1		mg/kg
75-34-3	1,1-Dichloroethane	ND	55.1		mg/kg
75-35-4	1,1-Dichloroethene	ND	55.1		mg/kg
563-58-6	1,1-Dichloropropene	ND	55.1		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	55.1		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	55.1		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	55.1		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	55.1		mg/kg
106-93-4	1,2-Dibromoethane	ND	55.1		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	55.1		mg/kg
107-06-2	1,2-Dichloroethane	ND	55.1		mg/kg
540-59-0	1,2-Dichloroethene(Total)	ND	110		mg/kg
78-87-5	1,2-Dichloropropane	ND	55.1		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	55.1		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	55.1		mg/kg
142-28-9	1,3-Dichloropropane	ND	55.1		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	55.1		mg/kg
594-20-7	2,2-Dichloropropane	ND	55.1		mg/kg
78-93-3	2-Butanone	ND	55.1		mg/kg
95-49-8	2-Chlorotoluene	ND	55.1		mg/kg
591-78-6	2-Hexanone	ND	55.1		mg/kg
106-43-4	4-Chlorotoluene	ND	55.1		mg/kg
99-87-6	4-Isopropyltoluene	ND	55.1		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	55.1		mg/kg
67-64-1	Acetone	ND	276		mg/kg
71-43-2	Benzene	ND	55.1		mg/kg
108-86-1	Bromobenzene	ND	55.1		mg/kg
74-97-5	Bromochloromethane	ND	55.1		mg/kg
75-27-4	Bromodichloromethane	ND	55.1		mg/kg
75-25-2	Bromoform	ND	55.1		mg/kg
74-83-9	Bromomethane	ND	55.1		mg/kg
75-15-0	Carbon disulfide	ND	55.1		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242705	**SA-19@30'**	Solid	01/20/2014 11:41	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/30/2014 17:25	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	55.1		mg/kg
108-90-7	Chlorobenzene	ND	55.1		mg/kg
75-00-3	Chloroethane	ND	55.1		mg/kg
67-66-3	Chloroform	ND	55.1		mg/kg
74-87-3	Chloromethane	ND	55.1		mg/kg
124-48-1	Dibromochloromethane	ND	55.1		mg/kg
74-95-3	Dibromomethane	ND	55.1		mg/kg
75-71-8	Dichlorodifluoromethane	ND	55.1		mg/kg
100-41-4	Ethylbenzene	ND	55.1		mg/kg
87-68-3	Hexachlorobutadiene	ND	55.1		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	55.1		mg/kg
74-88-4	Methyl iodide	ND	55.1		mg/kg
75-09-2	Methylene chloride	ND	110		mg/kg
91-20-3	Naphthalene	ND	55.1		mg/kg
100-42-5	Styrene	ND	55.1		mg/kg
108-88-3	Toluene	ND	55.1		mg/kg
79-01-6	**Trichloroethene**	**90.1**	**55.1**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	55.1		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	55.1		mg/kg
75-01-4	Vinyl chloride	ND	55.1		mg/kg
1330-20-7	Xylene (total)	ND	110		mg/kg
156-59-2	cis-1,2-Dichloroethene	ND	55.1		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	55.1		mg/kg
136777-61-2	m,p-Xylene	ND	55.1		mg/kg
104-51-8	n-Butylbenzene	ND	55.1		mg/kg
103-65-1	n-Propylbenzene	ND	55.1		mg/kg
95-47-6	o-Xylene	ND	55.1		mg/kg
135-98-8	sec-Butylbenzene	ND	55.1		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	55.1		mg/kg
98-06-6	tert-Butylbenzene	ND	55.1		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	55.1		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	55.1		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	55.1		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	551	516	mg/kg	94	62 - 127
1868-53-7	Dibromofluoromethane	551	552	mg/kg	100	65 - 130
2037-26-5	Toluene d8	551	515	mg/kg	93	71 - 132
17060-07-0	1,2-Dichloroethane-d4	551	596	mg/kg	108	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242706	**SA-24@12'**	Solid	01/20/2014 15:30	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/30/2014 13:08	AMD	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	**1,2-Dichlorobenzene**	**149**	**4.92**		**mg/kg**
540-59-0	**1,2-Dichloroethene(Total)**	**140**	**9.84**		**mg/kg**
156-59-2	**cis-1,2-Dichloroethene**	**140**	**4.92**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	49.2	48.4	mg/kg	98	62 - 127
1868-53-7	Dibromofluoromethane	49.2	52.3	mg/kg	106	65 - 130
2037-26-5	Toluene d8	49.2	46.2	mg/kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	49.2	52.5	mg/kg	107	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/30/2014 15:46	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.492		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	0.492		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.492		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	0.492		mg/kg
75-34-3	1,1-Dichloroethane	ND	0.492		mg/kg
75-35-4	1,1-Dichloroethene	ND	0.492		mg/kg
563-58-6	1,1-Dichloropropene	ND	0.492		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	0.492		mg/kg
120-82-1	**1,2,4-Trichlorobenzene**	**1.35**	**0.492**		**mg/kg**
95-63-6	**1,2,4-Trimethylbenzene**	**3.63**	**0.492**		**mg/kg**
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.492		mg/kg
106-93-4	1,2-Dibromoethane	ND	0.492		mg/kg
107-06-2	1,2-Dichloroethane	ND	0.492		mg/kg
78-87-5	1,2-Dichloropropane	ND	0.492		mg/kg
108-67-8	**1,3,5-Trimethylbenzene**	**1.12**	**0.492**		**mg/kg**
541-73-1	**1,3-Dichlorobenzene**	**4.40**	**0.492**		**mg/kg**
142-28-9	1,3-Dichloropropane	ND	0.492		mg/kg
106-46-7	**1,4-Dichlorobenzene**	**12.1**	**0.492**		**mg/kg**
594-20-7	2,2-Dichloropropane	ND	0.492		mg/kg
78-93-3	2-Butanone	ND	0.492		mg/kg
95-49-8	**2-Chlorotoluene**	**0.834**	**0.492**		**mg/kg**
591-78-6	2-Hexanone	ND	0.492		mg/kg
106-43-4	4-Chlorotoluene	ND	0.492		mg/kg
99-87-6	4-Isopropyltoluene	ND	0.492		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	0.492		mg/kg
67-64-1	Acetone	ND	2.46		mg/kg
71-43-2	Benzene	ND	0.492		mg/kg
108-86-1	Bromobenzene	ND	0.492		mg/kg
74-97-5	Bromochloromethane	ND	0.492		mg/kg
75-27-4	Bromodichloromethane	ND	0.492		mg/kg
75-25-2	Bromoform	ND	0.492		mg/kg
74-83-9	Bromomethane	ND	0.492		mg/kg
75-15-0	Carbon disulfide	ND	0.492		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242706	**SA-24@12'**	Solid	01/20/2014 15:30	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/30/2014 15:46	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	0.492		mg/kg
108-90-7	Chlorobenzene	ND	0.492		mg/kg
75-00-3	Chloroethane	ND	0.492		mg/kg
67-66-3	Chloroform	ND	0.492		mg/kg
74-87-3	Chloromethane	ND	0.492		mg/kg
124-48-1	Dibromochloromethane	ND	0.492		mg/kg
74-95-3	Dibromomethane	ND	0.492		mg/kg
75-71-8	Dichlorodifluoromethane	ND	0.492		mg/kg
100-41-4	**Ethylbenzene**	**7.18**	**0.492**		**mg/kg**
87-68-3	Hexachlorobutadiene	ND	0.492		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	0.492		mg/kg
74-88-4	Methyl iodide	ND	0.492		mg/kg
75-09-2	Methylene chloride	ND	0.984		mg/kg
91-20-3	**Naphthalene**	**1.37**	**0.492**		**mg/kg**
100-42-5	**Styrene**	**7.89**	**0.492**		**mg/kg**
127-18-4	**Tetrachloroethene**	**0.895**	**0.492**		**mg/kg**
108-88-3	**Toluene**	**3.28**	**0.492**		**mg/kg**
79-01-6	Trichloroethene	ND	0.492		mg/kg
75-69-4	Trichlorofluoromethane	ND	0.492		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	0.492		mg/kg
75-01-4	Vinyl chloride	ND	0.492		mg/kg
1330-20-7	**Xylene (total)**	**11.1**	**0.984**		**mg/kg**
10061-01-5	cis-1,3-Dichloropropene	ND	0.492		mg/kg
136777-61-2	**m,p-Xylene**	**7.64**	**0.492**		**mg/kg**
104-51-8	**n-Butylbenzene**	**1.48**	**0.492**		**mg/kg**
103-65-1	**n-Propylbenzene**	**0.682**	**0.492**		**mg/kg**
95-47-6	**o-Xylene**	**3.48**	**0.492**		**mg/kg**
135-98-8	sec-Butylbenzene	ND	0.492		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.492		mg/kg
98-06-6	tert-Butylbenzene	ND	0.492		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	0.492		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	0.492		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.492		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	4.92	4.98	mg/kg	101	62 - 127
1868-53-7	Dibromofluoromethane	4.92	5.13	mg/kg	104	65 - 130
2037-26-5	Toluene d8	4.92	4.43	mg/kg	90	71 - 132
17060-07-0	1,2-Dichloroethane-d4	4.92	5.38	mg/kg	109	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242707	**SA-25A@4'**	Solid	01/20/2014 15:10	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/30/2014 12:28	AMD	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	**1,2-Dichloroethene(Total)**	**21.0**	**5.24**		**mg/kg**
127-18-4	**Tetrachloroethene**	**14.8**	**2.62**		**mg/kg**
156-59-2	**cis-1,2-Dichloroethene**	**21.0**	**2.62**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	26.2	24.5	mg/kg	93	62 - 127
1868-53-7	Dibromofluoromethane	26.2	26.8	mg/kg	102	65 - 130
2037-26-5	Toluene d8	26.2	24.9	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	26.2	28.3	mg/kg	108	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	01/30/2014 15:26	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.262		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	0.262		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.262		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	0.262		mg/kg
75-34-3	1,1-Dichloroethane	ND	0.262		mg/kg
75-35-4	1,1-Dichloroethene	ND	0.262		mg/kg
563-58-6	1,1-Dichloropropene	ND	0.262		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	0.262		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	0.262		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	0.262		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.262		mg/kg
106-93-4	1,2-Dibromoethane	ND	0.262		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	0.262		mg/kg
107-06-2	1,2-Dichloroethane	ND	0.262		mg/kg
78-87-5	1,2-Dichloropropane	ND	0.262		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	0.262		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	0.262		mg/kg
142-28-9	1,3-Dichloropropane	ND	0.262		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	0.262		mg/kg
594-20-7	2,2-Dichloropropane	ND	0.262		mg/kg
78-93-3	2-Butanone	ND	0.262		mg/kg
95-49-8	2-Chlorotoluene	ND	0.262		mg/kg
591-78-6	2-Hexanone	ND	0.262		mg/kg
106-43-4	4-Chlorotoluene	ND	0.262		mg/kg
99-87-6	4-Isopropyltoluene	ND	0.262		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	0.262		mg/kg
67-64-1	Acetone	ND	1.31		mg/kg
71-43-2	Benzene	ND	0.262		mg/kg
108-86-1	Bromobenzene	ND	0.262		mg/kg
74-97-5	Bromochloromethane	ND	0.262		mg/kg
75-27-4	Bromodichloromethane	ND	0.262		mg/kg
75-25-2	Bromoform	ND	0.262		mg/kg
74-83-9	Bromomethane	ND	0.262		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242707	**SA-25A@4'**	Solid	01/20/2014 15:10	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	01/30/2014 15:26	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-15-0	Carbon disulfide	ND	0.262		mg/kg
56-23-5	Carbon tetrachloride	ND	0.262		mg/kg
108-90-7	Chlorobenzene	ND	0.262		mg/kg
75-00-3	Chloroethane	ND	0.262		mg/kg
67-66-3	Chloroform	ND	0.262		mg/kg
74-87-3	Chloromethane	ND	0.262		mg/kg
124-48-1	Dibromochloromethane	ND	0.262		mg/kg
74-95-3	Dibromomethane	ND	0.262		mg/kg
75-71-8	Dichlorodifluoromethane	ND	0.262		mg/kg
100-41-4	Ethylbenzene	ND	0.262		mg/kg
87-68-3	Hexachlorobutadiene	ND	0.262		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	0.262		mg/kg
74-88-4	Methyl iodide	ND	0.262		mg/kg
75-09-2	Methylene chloride	ND	0.524		mg/kg
91-20-3	Naphthalene	ND	0.262		mg/kg
100-42-5	Styrene	ND	0.262		mg/kg
108-88-3	Toluene	ND	0.262		mg/kg
79-01-6	**Trichloroethene**	**2.77**	**0.262**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	0.262		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	0.262		mg/kg
75-01-4	Vinyl chloride	ND	0.262		mg/kg
1330-20-7	Xylene (total)	ND	0.524		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	0.262		mg/kg
136777-61-2	m,p-Xylene	ND	0.262		mg/kg
104-51-8	n-Butylbenzene	ND	0.262		mg/kg
103-65-1	n-Propylbenzene	ND	0.262		mg/kg
95-47-6	o-Xylene	ND	0.262		mg/kg
135-98-8	sec-Butylbenzene	ND	0.262		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.262		mg/kg
98-06-6	tert-Butylbenzene	ND	0.262		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	0.262		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	0.262		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.262		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2.62	2.5	mg/kg	95	62 - 127
1868-53-7	Dibromofluoromethane	2.62	2.71	mg/kg	103	65 - 130
2037-26-5	Toluene d8	2.62	2.52	mg/kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2.62	2.87	mg/kg	110	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242708	**SA-18@15'**	Solid	01/20/2014 13:24	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/30/2014 13:47	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**911**	**92.5**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	925	876	mg/kg	95	62 - 127
1868-53-7	Dibromofluoromethane	925	953	mg/kg	103	65 - 130
2037-26-5	Toluene d8	925	881	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	925	983	mg/kg	106	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/30/2014 16:45	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	9.25		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	9.25		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.25		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	9.25		mg/kg
75-34-3	1,1-Dichloroethane	ND	9.25		mg/kg
75-35-4	1,1-Dichloroethene	ND	9.25		mg/kg
563-58-6	1,1-Dichloropropene	ND	9.25		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	9.25		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	9.25		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	9.25		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.25		mg/kg
106-93-4	1,2-Dibromoethane	ND	9.25		mg/kg
95-50-1	**1,2-Dichlorobenzene**	**42.8**	**9.25**		**mg/kg**
107-06-2	1,2-Dichloroethane	ND	9.25		mg/kg
540-59-0	**1,2-Dichloroethene(Total)**	**90.4**	**18.5**		**mg/kg**
78-87-5	1,2-Dichloropropane	ND	9.25		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	9.25		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	9.25		mg/kg
142-28-9	1,3-Dichloropropane	ND	9.25		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	9.25		mg/kg
594-20-7	2,2-Dichloropropane	ND	9.25		mg/kg
78-93-3	2-Butanone	ND	9.25		mg/kg
95-49-8	2-Chlorotoluene	ND	9.25		mg/kg
591-78-6	2-Hexanone	ND	9.25		mg/kg
106-43-4	4-Chlorotoluene	ND	9.25		mg/kg
99-87-6	4-Isopropyltoluene	ND	9.25		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	9.25		mg/kg
67-64-1	Acetone	ND	46.2		mg/kg
71-43-2	Benzene	ND	9.25		mg/kg
108-86-1	Bromobenzene	ND	9.25		mg/kg
74-97-5	Bromochloromethane	ND	9.25		mg/kg
75-27-4	Bromodichloromethane	ND	9.25		mg/kg
75-25-2	Bromoform	ND	9.25		mg/kg
74-83-9	Bromomethane	ND	9.25		mg/kg
75-15-0	Carbon disulfide	ND	9.25		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242708	**SA-18@15'**	Solid	01/20/2014 13:24	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/30/2014 16:45	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	9.25		mg/kg
108-90-7	Chlorobenzene	ND	9.25		mg/kg
75-00-3	Chloroethane	ND	9.25		mg/kg
67-66-3	Chloroform	ND	9.25		mg/kg
74-87-3	Chloromethane	ND	9.25		mg/kg
124-48-1	Dibromochloromethane	ND	9.25		mg/kg
74-95-3	Dibromomethane	ND	9.25		mg/kg
75-71-8	Dichlorodifluoromethane	ND	9.25		mg/kg
100-41-4	Ethylbenzene	ND	9.25		mg/kg
87-68-3	Hexachlorobutadiene	ND	9.25		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	9.25		mg/kg
74-88-4	Methyl iodide	ND	9.25		mg/kg
75-09-2	Methylene chloride	ND	18.5		mg/kg
91-20-3	Naphthalene	ND	9.25		mg/kg
100-42-5	Styrene	ND	9.25		mg/kg
108-88-3	Toluene	ND	9.25		mg/kg
79-01-6	**Trichloroethene**	**69.6**	**9.25**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	9.25		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	9.25		mg/kg
75-01-4	Vinyl chloride	ND	9.25		mg/kg
1330-20-7	Xylene (total)	ND	18.5		mg/kg
156-59-2	**cis-1,2-Dichloroethene**	**90.4**	**9.25**		**mg/kg**
10061-01-5	cis-1,3-Dichloropropene	ND	9.25		mg/kg
136777-61-2	m,p-Xylene	ND	9.25		mg/kg
104-51-8	n-Butylbenzene	ND	9.25		mg/kg
103-65-1	n-Propylbenzene	ND	9.25		mg/kg
95-47-6	o-Xylene	ND	9.25		mg/kg
135-98-8	sec-Butylbenzene	ND	9.25		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	9.25		mg/kg
98-06-6	tert-Butylbenzene	ND	9.25		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	9.25		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	9.25		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	9.25		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	92.5	89.8	mg/kg	97	62 - 127
1868-53-7	Dibromofluoromethane	92.5	95.1	mg/kg	103	65 - 130
2037-26-5	Toluene d8	92.5	89	mg/kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	92.5	100	mg/kg	108	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242709	**SA-17@20'**	Solid	01/20/2014 14:17	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/30/2014 14:07	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**685**	**111**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1110	1030	mg/kg	93	62 - 127
1868-53-7	Dibromofluoromethane	1110	1160	mg/kg	105	65 - 130
2037-26-5	Toluene d8	1110	1050	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1110	1210	mg/kg	109	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/30/2014 17:05	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	11.1		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	11.1		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	11.1		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	11.1		mg/kg
75-34-3	1,1-Dichloroethane	ND	11.1		mg/kg
75-35-4	1,1-Dichloroethene	ND	11.1		mg/kg
563-58-6	1,1-Dichloropropene	ND	11.1		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	11.1		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	11.1		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	11.1		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	11.1		mg/kg
106-93-4	1,2-Dibromoethane	ND	11.1		mg/kg
95-50-1	**1,2-Dichlorobenzene**	**20.4**	**11.1**		**mg/kg**
107-06-2	1,2-Dichloroethane	ND	11.1		mg/kg
540-59-0	1,2-Dichloroethene(Total)	ND	22.1		mg/kg
78-87-5	1,2-Dichloropropane	ND	11.1		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	11.1		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	11.1		mg/kg
142-28-9	1,3-Dichloropropane	ND	11.1		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	11.1		mg/kg
594-20-7	2,2-Dichloropropane	ND	11.1		mg/kg
78-93-3	2-Butanone	ND	11.1		mg/kg
95-49-8	2-Chlorotoluene	ND	11.1		mg/kg
591-78-6	2-Hexanone	ND	11.1		mg/kg
106-43-4	4-Chlorotoluene	ND	11.1		mg/kg
99-87-6	4-Isopropyltoluene	ND	11.1		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	11.1		mg/kg
67-64-1	Acetone	ND	55.3		mg/kg
71-43-2	Benzene	ND	11.1		mg/kg
108-86-1	Bromobenzene	ND	11.1		mg/kg
74-97-5	Bromochloromethane	ND	11.1		mg/kg
75-27-4	Bromodichloromethane	ND	11.1		mg/kg
75-25-2	Bromoform	ND	11.1		mg/kg
74-83-9	Bromomethane	ND	11.1		mg/kg
75-15-0	Carbon disulfide	ND	11.1		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242709	**SA-17@20'**	Solid	01/20/2014 14:17	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/30/2014 17:05	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	11.1		mg/kg
108-90-7	Chlorobenzene	ND	11.1		mg/kg
75-00-3	Chloroethane	ND	11.1		mg/kg
67-66-3	Chloroform	ND	11.1		mg/kg
74-87-3	Chloromethane	ND	11.1		mg/kg
124-48-1	Dibromochloromethane	ND	11.1		mg/kg
74-95-3	Dibromomethane	ND	11.1		mg/kg
75-71-8	Dichlorodifluoromethane	ND	11.1		mg/kg
100-41-4	Ethylbenzene	ND	11.1		mg/kg
87-68-3	Hexachlorobutadiene	ND	11.1		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	11.1		mg/kg
74-88-4	Methyl iodide	ND	11.1		mg/kg
75-09-2	Methylene chloride	ND	22.1		mg/kg
91-20-3	Naphthalene	ND	11.1		mg/kg
100-42-5	Styrene	ND	11.1		mg/kg
108-88-3	Toluene	ND	11.1		mg/kg
79-01-6	**Trichloroethene**	**37.4**	**11.1**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	11.1		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	11.1		mg/kg
75-01-4	Vinyl chloride	ND	11.1		mg/kg
1330-20-7	Xylene (total)	ND	22.1		mg/kg
156-59-2	**cis-1,2-Dichloroethene**	**14.8**	**11.1**		**mg/kg**
10061-01-5	cis-1,3-Dichloropropene	ND	11.1		mg/kg
136777-61-2	m,p-Xylene	ND	11.1		mg/kg
104-51-8	n-Butylbenzene	ND	11.1		mg/kg
103-65-1	n-Propylbenzene	ND	11.1		mg/kg
95-47-6	o-Xylene	ND	11.1		mg/kg
135-98-8	sec-Butylbenzene	ND	11.1		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	11.1		mg/kg
98-06-6	tert-Butylbenzene	ND	11.1		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	11.1		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	11.1		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	11.1		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	111	105	mg/kg	95	62 - 127
1868-53-7	Dibromofluoromethane	111	113	mg/kg	102	65 - 130
2037-26-5	Toluene d8	111	105	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	111	123	mg/kg	111	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242710	**SA-16-A@8'**	Solid	01/20/2014 14:50	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/30/2014 12:48	AMD	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**116**	**11.6**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	116	110	mg/kg	95	62 - 127
1868-53-7	Dibromofluoromethane	116	118	mg/kg	102	65 - 130
2037-26-5	Toluene d8	116	111	mg/kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	116	126	mg/kg	109	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/31/2014 17:04	CEK	524601

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.16		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	1.16		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.16		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	1.16		mg/kg
75-34-3	1,1-Dichloroethane	ND	1.16		mg/kg
75-35-4	1,1-Dichloroethene	ND	1.16		mg/kg
563-58-6	1,1-Dichloropropene	ND	1.16		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	1.16		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	1.16		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	1.16		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.16		mg/kg
106-93-4	1,2-Dibromoethane	ND	1.16		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	1.16		mg/kg
107-06-2	1,2-Dichloroethane	ND	1.16		mg/kg
540-59-0	**1,2-Dichloroethene(Total)**	**7.34**	**2.31**		**mg/kg**
78-87-5	1,2-Dichloropropane	ND	1.16		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	1.16		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	1.16		mg/kg
142-28-9	1,3-Dichloropropane	ND	1.16		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	1.16		mg/kg
594-20-7	2,2-Dichloropropane	ND	1.16		mg/kg
78-93-3	2-Butanone	ND	1.16		mg/kg
95-49-8	2-Chlorotoluene	ND	1.16		mg/kg
591-78-6	2-Hexanone	ND	1.16		mg/kg
106-43-4	4-Chlorotoluene	ND	1.16		mg/kg
99-87-6	4-Isopropyltoluene	ND	1.16		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	1.16		mg/kg
67-64-1	Acetone	ND	5.78		mg/kg
71-43-2	Benzene	ND	1.16		mg/kg
108-86-1	Bromobenzene	ND	1.16		mg/kg
74-97-5	Bromochloromethane	ND	1.16		mg/kg
75-27-4	Bromodichloromethane	ND	1.16		mg/kg
75-25-2	Bromoform	ND	1.16		mg/kg
74-83-9	Bromomethane	ND	1.16		mg/kg
75-15-0	Carbon disulfide	ND	1.16		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242710	**SA-16-A@8'**	Solid	01/20/2014 14:50	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/31/2014 17:04	CEK	524601

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	1.16		mg/kg
108-90-7	Chlorobenzene	ND	1.16		mg/kg
75-00-3	Chloroethane	ND	1.16		mg/kg
67-66-3	Chloroform	ND	1.16		mg/kg
74-87-3	Chloromethane	ND	1.16		mg/kg
124-48-1	Dibromochloromethane	ND	1.16		mg/kg
74-95-3	Dibromomethane	ND	1.16		mg/kg
75-71-8	Dichlorodifluoromethane	ND	1.16		mg/kg
100-41-4	Ethylbenzene	ND	1.16		mg/kg
87-68-3	Hexachlorobutadiene	ND	1.16		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	1.16		mg/kg
74-88-4	Methyl iodide	ND	1.16		mg/kg
75-09-2	Methylene chloride	ND	2.31		mg/kg
91-20-3	Naphthalene	ND	1.16		mg/kg
100-42-5	Styrene	ND	1.16		mg/kg
108-88-3	Toluene	ND	1.16		mg/kg
79-01-6	**Trichloroethene**	**19.0**	**1.16**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	1.16		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	1.16		mg/kg
75-01-4	Vinyl chloride	ND	1.16		mg/kg
1330-20-7	Xylene (total)	ND	2.31		mg/kg
156-59-2	**cis-1,2-Dichloroethene**	**7.34**	**1.16**		**mg/kg**
10061-01-5	cis-1,3-Dichloropropene	ND	1.16		mg/kg
136777-61-2	m,p-Xylene	ND	1.16		mg/kg
104-51-8	n-Butylbenzene	ND	1.16		mg/kg
103-65-1	n-Propylbenzene	ND	1.16		mg/kg
95-47-6	o-Xylene	ND	1.16		mg/kg
135-98-8	sec-Butylbenzene	ND	1.16		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1.16		mg/kg
98-06-6	tert-Butylbenzene	ND	1.16		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	1.16		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	1.16		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1.16		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	11.6	11.2	mg/kg	97	62 - 127
1868-53-7	Dibromofluoromethane	11.6	11.1	mg/kg	96	65 - 130
2037-26-5	Toluene d8	11.6	11.2	mg/kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	11.6	11.6	mg/kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242711	**SA-19@10'**	Solid	01/20/2014 11:41	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/30/2014 13:28	AMD	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**506**	**43.5**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	435	417	mg/kg	96	62 - 127
1868-53-7	Dibromofluoromethane	435	449	mg/kg	103	65 - 130
2037-26-5	Toluene d8	435	419	mg/kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	435	477	mg/kg	110	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/30/2014 16:26	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.35		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	4.35		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.35		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	4.35		mg/kg
75-34-3	1,1-Dichloroethane	ND	4.35		mg/kg
75-35-4	1,1-Dichloroethene	ND	4.35		mg/kg
563-58-6	1,1-Dichloropropene	ND	4.35		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	4.35		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	4.35		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	4.35		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.35		mg/kg
106-93-4	1,2-Dibromoethane	ND	4.35		mg/kg
95-50-1	**1,2-Dichlorobenzene**	**31.4**	**4.35**		**mg/kg**
107-06-2	1,2-Dichloroethane	ND	4.35		mg/kg
540-59-0	**1,2-Dichloroethene(Total)**	**29.9**	**8.70**		**mg/kg**
78-87-5	1,2-Dichloropropane	ND	4.35		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	4.35		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	4.35		mg/kg
142-28-9	1,3-Dichloropropane	ND	4.35		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	4.35		mg/kg
594-20-7	2,2-Dichloropropane	ND	4.35		mg/kg
78-93-3	2-Butanone	ND	4.35		mg/kg
95-49-8	2-Chlorotoluene	ND	4.35		mg/kg
591-78-6	2-Hexanone	ND	4.35		mg/kg
106-43-4	4-Chlorotoluene	ND	4.35		mg/kg
99-87-6	4-Isopropyltoluene	ND	4.35		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	4.35		mg/kg
67-64-1	Acetone	ND	21.8		mg/kg
71-43-2	Benzene	ND	4.35		mg/kg
108-86-1	Bromobenzene	ND	4.35		mg/kg
74-97-5	Bromochloromethane	ND	4.35		mg/kg
75-27-4	Bromodichloromethane	ND	4.35		mg/kg
75-25-2	Bromoform	ND	4.35		mg/kg
74-83-9	Bromomethane	ND	4.35		mg/kg
75-15-0	Carbon disulfide	ND	4.35		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401242711	**SA-19@10'**	Solid	01/20/2014 11:41	01/23/2014 09:35

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/30/2014 16:26	JCK	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	4.35		mg/kg
108-90-7	Chlorobenzene	ND	4.35		mg/kg
75-00-3	Chloroethane	ND	4.35		mg/kg
67-66-3	Chloroform	ND	4.35		mg/kg
74-87-3	Chloromethane	ND	4.35		mg/kg
124-48-1	Dibromochloromethane	ND	4.35		mg/kg
74-95-3	Dibromomethane	ND	4.35		mg/kg
75-71-8	Dichlorodifluoromethane	ND	4.35		mg/kg
100-41-4	Ethylbenzene	ND	4.35		mg/kg
87-68-3	Hexachlorobutadiene	ND	4.35		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	4.35		mg/kg
74-88-4	Methyl iodide	ND	4.35		mg/kg
75-09-2	Methylene chloride	ND	8.70		mg/kg
91-20-3	Naphthalene	ND	4.35		mg/kg
100-42-5	Styrene	ND	4.35		mg/kg
108-88-3	Toluene	ND	4.35		mg/kg
79-01-6	**Trichloroethene**	**90.9**	**4.35**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	4.35		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	4.35		mg/kg
75-01-4	Vinyl chloride	ND	4.35		mg/kg
1330-20-7	Xylene (total)	ND	8.70		mg/kg
156-59-2	**cis-1,2-Dichloroethene**	**29.9**	**4.35**		**mg/kg**
10061-01-5	cis-1,3-Dichloropropene	ND	4.35		mg/kg
136777-61-2	m,p-Xylene	ND	4.35		mg/kg
104-51-8	n-Butylbenzene	ND	4.35		mg/kg
103-65-1	n-Propylbenzene	ND	4.35		mg/kg
95-47-6	o-Xylene	ND	4.35		mg/kg
135-98-8	sec-Butylbenzene	ND	4.35		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	4.35		mg/kg
98-06-6	tert-Butylbenzene	ND	4.35		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	4.35		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	4.35		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	4.35		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	43.5	41	mg/kg	94	62 - 127
1868-53-7	Dibromofluoromethane	43.5	43.6	mg/kg	100	65 - 130
2037-26-5	Toluene d8	43.5	41.2	mg/kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	43.5	46.1	mg/kg	106	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	524371	**Client ID**	MB524371			LCS524371			LCSD524371		
Prep Batch	N/A	**GCAL ID**	1277720			1277721			1277722		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 22:46			01/27/2014 20:54			01/27/2014 21:16		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	1.25		2.50	2.45	98	38 - 152	2.49	100	2	30
74-97-5	Bromochloromethane	ND	0.250		2.50	2.50	100	73 - 127	2.47	99	1	30
75-27-4	Bromodichloromethane	ND	0.250		2.50	2.37	95	74 - 126	2.38	95	0	30
75-25-2	Bromoform	ND	0.250		2.50	2.54	102	67 - 122	2.60	104	2	30
74-83-9	Bromomethane	ND	0.250		2.50	2.10	84	48 - 139	2.37	95	12	30
75-15-0	Carbon disulfide	ND	0.250		2.50	2.43	97	68 - 133	2.31	92	5	30
56-23-5	Carbon tetrachloride	ND	0.250		2.50	2.43	97	71 - 133	2.45	98	1	30
75-00-3	Chloroethane	ND	0.250		2.50	2.36	94	57 - 144	2.40	96	2	30
136777-61-2	m,p-Xylene	ND	0.250		5.00	4.97	99	72 - 128	4.96	99	0	30
67-66-3	Chloroform	ND	0.250		2.50	2.28	91	74 - 124	2.31	92	1	30
74-87-3	Chloromethane	ND	0.250		2.50	2.09	84	61 - 130	2.23	89	6	30
124-48-1	Dibromochloromethane	ND	0.250		2.50	2.38	95	74 - 122	2.45	98	3	30
74-95-3	Dibromomethane	ND	0.250		2.50	2.35	94	72 - 125	2.39	96	2	30
75-71-8	Dichlorodifluoromethane	ND	0.250		2.50	2.34	94	59 - 138	2.33	93	0	30
75-34-3	1,1-Dichloroethane	ND	0.250		2.50	2.27	91	71 - 126	2.27	91	0	30
107-06-2	1,2-Dichloroethane	ND	0.250		2.50	2.32	93	68 - 126	2.35	94	1	30
156-59-2	cis-1,2-Dichloroethene	ND	0.250		2.50	2.38	95	72 - 130	2.38	95	0	30
156-60-5	trans-1,2-Dichloroethene	ND	0.250		2.50	2.34	94	67 - 134	2.31	92	1	30
75-09-2	Methylene chloride	ND	0.500		2.50	2.34	94	66 - 130	2.34	94	0	30
78-87-5	1,2-Dichloropropane	ND	0.250		2.50	2.38	95	72 - 129	2.40	96	1	30
10061-01-5	cis-1,3-Dichloropropene	ND	0.250		2.50	2.43	97	72 - 129	2.48	99	2	30
10061-02-6	trans-1,3-Dichloropropene	ND	0.250		2.50	2.42	97	72 - 126	2.47	99	2	30
100-41-4	Ethylbenzene	ND	0.250		2.50	2.40	96	74 - 130	2.36	94	2	30
591-78-6	2-Hexanone	ND	0.250		2.50	2.55	102	47 - 137	2.70	108	6	30
98-82-8	Isopropylbenzene (Cumene)	ND	0.250		2.50	2.62	105	74 - 125	2.55	102	3	30
78-93-3	2-Butanone	ND	0.250		2.50	2.38	95	47 - 142	2.51	100	5	30
74-88-4	Methyl iodide	ND	0.250		2.50	2.37	95	54 - 140	2.34	94	1	30
108-10-1	4-Methyl-2-pentanone	ND	0.250		2.50	2.49	100	52 - 136	2.64	106	6	30
103-65-1	n-Propylbenzene	ND	0.250		2.50	2.36	94	73 - 137	2.32	93	2	30
100-42-5	Styrene	ND	0.250		2.50	2.61	104	72 - 128	2.58	103	1	30
127-18-4	Tetrachloroethene	ND	0.250		2.50	2.40	96	70 - 127	2.46	98	2	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.250		2.50	2.37	95	77 - 122	2.40	96	1	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.250		2.50	2.45	98	66 - 129	2.62	105	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524371	**Client ID**	MB524371			LCS524371			LCSD524371		
Prep Batch	N/A	**GCAL ID**	1277720			1277721			1277722		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 22:46			01/27/2014 20:54			01/27/2014 21:16		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	0.250		2.50	2.28	91	64 - 135	2.28	91	0	30
71-55-6	1,1,1-Trichloroethane	ND	0.250		2.50	2.28	91	70 - 130	2.31	92	1	30
79-00-5	1,1,2-Trichloroethane	ND	0.250		2.50	2.50	100	74 - 120	2.60	104	4	30
75-69-4	Trichlorofluoromethane	ND	0.250		2.50	2.38	95	64 - 141	2.39	96	0	30
96-18-4	1,2,3-Trichloropropane	ND	0.250		2.50	2.50	100	63 - 132	2.51	100	0	30
95-63-6	1,2,4-Trimethylbenzene	ND	0.250		2.50	2.52	101	75 - 130	2.52	101	0	30
108-67-8	1,3,5-Trimethylbenzene	ND	0.250		2.50	2.46	98	74 - 136	2.44	98	1	30
75-01-4	Vinyl chloride	ND	0.250		2.50	2.28	91	67 - 131	2.27	91	0	30
95-47-6	o-Xylene	ND	0.250		2.50	2.56	102	69 - 133	2.60	104	2	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.250		2.50	2.25	90	60 - 123	2.53	101	12	30
106-93-4	1,2-Dibromoethane	ND	0.250		2.50	2.33	93	74 - 122	2.40	96	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.250		2.50	2.53	101	69 - 126	2.64	106	4	30
540-59-0	1,2-Dichloroethene(Total)	ND	0.500		5.00	4.71	94	72 - 129	4.69	94	0	30
99-87-6	4-Isopropyltoluene	ND	0.250		2.50	2.25	90	71 - 136	2.20	88	2	30
1330-20-7	Xylene (total)	ND	0.500		7.50	7.54	101	71 - 129	7.55	101	0	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.250		2.50	2.30	92	44 - 146	2.51	100	9	30
594-20-7	2,2-Dichloropropane	ND	0.250		2.50	2.50	100	74 - 129	2.52	101	1	30
76-13-1	Trichlorotrifluoroethane	ND	0.250		2.50	2.33	93	66 - 139	2.34	94	0	30
563-58-6	1,1-Dichloropropene	ND	0.250		2.50	2.49	100	70 - 138	2.49	100	0	30
142-28-9	1,3-Dichloropropane	ND	0.250		2.50	2.36	94	77 - 121	2.46	98	4	30
108-86-1	Bromobenzene	ND	0.250		2.50	2.26	90	73 - 124	2.33	93	3	30
95-49-8	2-Chlorotoluene	ND	0.250		2.50	2.36	94	75 - 132	2.39	96	1	30
106-43-4	4-Chlorotoluene	ND	0.250		2.50	2.40	96	74 - 133	2.44	98	2	30
98-06-6	tert-Butylbenzene	ND	0.250		2.50	2.48	99	72 - 136	2.48	99	0	30
135-98-8	sec-Butylbenzene	ND	0.250		2.50	2.53	101	72 - 141	2.46	98	3	30
541-73-1	1,3-Dichlorobenzene	ND	0.250		2.50	2.41	96	77 - 127	2.44	98	1	30
106-46-7	1,4-Dichlorobenzene	ND	0.250		2.50	2.33	93	74 - 123	2.36	94	1	30
104-51-8	n-Butylbenzene	ND	0.250		2.50	2.21	88	68 - 144	2.15	86	3	30
95-50-1	1,2-Dichlorobenzene	ND	0.250		2.50	2.40	96	76 - 125	2.45	98	2	30
87-68-3	Hexachlorobutadiene	ND	0.250		2.50	2.51	100	71 - 140	2.41	96	4	30
91-20-3	Naphthalene	ND	0.250		2.50	2.15	86	54 - 132	2.27	91	5	35
75-35-4	1,1-Dichloroethene	ND	0.250		2.50	2.38	95	68 - 129	2.42	97	2	20
71-43-2	Benzene	ND	0.250		2.50	2.36	94	73 - 128	2.38	95	1	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524371	**Client ID**	MB524371			LCS524371			LCSD524371		
Prep Batch	N/A	**GCAL ID**	1277720			1277721			1277722		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 22:46			01/27/2014 20:54			01/27/2014 21:16		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
79-01-6	Trichloroethene	ND	0.250	2.50	2.30	92	78 - 127	2.32	93	1	20
108-88-3	Toluene	ND	0.250	2.50	2.26	90	74 - 121	2.30	92	2	20
108-90-7	Chlorobenzene	ND	0.250	2.50	2.38	95	75 - 121	2.38	95	0	20
Surrogate											
460-00-4	4-Bromofluorobenzene	2730	109	2500	2580	103	62 - 127	2560	102		
1868-53-7	Dibromofluoromethane	2520	101	2500	2530	101	65 - 130	2520	101		
2037-26-5	Toluene d8	2620	105	2500	2460	98	71 - 132	2510	100		
17060-07-0	1,2-Dichloroethane-d4	2480	99	2500	2450	98	62 - 125	2460	98		

Analytical Batch	524504	**Client ID**	MB524504			LCS524504			LCSD524504		
Prep Batch	N/A	**GCAL ID**	1278064			1278065			1278066		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/30/2014 11:09			01/30/2014 09:26			01/30/2014 09:46		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	1.25	2.50	2.28	91	38 - 152	2.56	102	12	30
74-97-5	Bromochloromethane	ND	0.250	2.50	2.46	98	73 - 127	2.55	102	4	30
75-27-4	Bromodichloromethane	ND	0.250	2.50	2.56	102	74 - 126	2.67	107	4	30
75-25-2	Bromoform	ND	0.250	2.50	1.84	74	67 - 122	2.08	83	12	30
74-83-9	Bromomethane	ND	0.250	2.50	1.88	75	48 - 139	2.26	90	18	30
75-15-0	Carbon disulfide	ND	0.250	2.50	2.47	99	68 - 133	2.42	97	2	30
56-23-5	Carbon tetrachloride	ND	0.250	2.50	2.57	103	71 - 133	2.66	106	3	30
75-00-3	Chloroethane	ND	0.250	2.50	2.37	95	57 - 144	2.49	100	5	30
136777-61-2	m,p-Xylene	ND	0.250	5.00	4.74	95	72 - 128	4.81	96	1	30
67-66-3	Chloroform	ND	0.250	2.50	2.51	100	74 - 124	2.65	106	5	30
74-87-3	Chloromethane	ND	0.250	2.50	2.30	92	61 - 130	2.54	102	10	30
124-48-1	Dibromochloromethane	ND	0.250	2.50	2.28	91	74 - 122	2.38	95	4	30
74-95-3	Dibromomethane	ND	0.250	2.50	2.57	103	72 - 125	2.71	108	5	30
75-71-8	Dichlorodifluoromethane	ND	0.250	2.50	2.18	87	59 - 138	2.20	88	1	30
75-34-3	1,1-Dichloroethane	ND	0.250	2.50	2.57	103	71 - 126	2.66	106	3	30
107-06-2	1,2-Dichloroethane	ND	0.250	2.50	2.50	100	68 - 126	2.63	105	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524504	**Client ID**	MB524504			LCS524504			LCSD524504		
Prep Batch	N/A	**GCAL ID**	1278064			1278065			1278066		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/30/2014 11:09			01/30/2014 09:26			01/30/2014 09:46		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-59-2	cis-1,2-Dichloroethene	ND	0.250		2.50	2.58	103	72 - 130	2.72	109	5	30
156-60-5	trans-1,2-Dichloroethene	ND	0.250		2.50	2.63	105	67 - 134	2.69	108	2	30
75-09-2	Methylene chloride	ND	0.500		2.50	2.44	98	66 - 130	2.56	102	5	30
78-87-5	1,2-Dichloropropane	ND	0.250		2.50	2.57	103	72 - 129	2.67	107	4	30
10061-01-5	cis-1,3-Dichloropropene	ND	0.250		2.50	2.54	102	72 - 129	2.68	107	5	30
10061-02-6	trans-1,3-Dichloropropene	ND	0.250		2.50	2.63	105	72 - 126	2.78	111	6	30
100-41-4	Ethylbenzene	ND	0.250		2.50	2.34	94	74 - 130	2.40	96	3	30
591-78-6	2-Hexanone	ND	0.250		2.50	1.92	77	47 - 137	2.18	87	13	30
98-82-8	Isopropylbenzene (Cumene)	ND	0.250		2.50	2.46	98	74 - 125	2.45	98	0	30
78-93-3	2-Butanone	ND	0.250		2.50	2.13	85	47 - 142	2.35	94	10	30
74-88-4	Methyl iodide	ND	0.250		2.50	2.28	91	54 - 140	2.33	93	2	30
108-10-1	4-Methyl-2-pentanone	ND	0.250		2.50	2.16	86	52 - 136	2.38	95	10	30
103-65-1	n-Propylbenzene	ND	0.250		2.50	2.47	99	73 - 137	2.41	96	2	30
100-42-5	Styrene	ND	0.250		2.50	2.40	96	72 - 128	2.45	98	2	30
127-18-4	Tetrachloroethene	ND	0.250		2.50	2.37	95	70 - 127	2.32	93	2	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.250		2.50	2.28	91	77 - 122	2.44	98	7	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.250		2.50	2.01	80	66 - 129	2.17	87	8	30
120-82-1	1,2,4-Trichlorobenzene	ND	0.250		2.50	2.33	93	64 - 135	2.25	90	3	30
71-55-6	1,1,1-Trichloroethane	ND	0.250		2.50	2.67	107	70 - 130	2.70	108	1	30
79-00-5	1,1,2-Trichloroethane	ND	0.250		2.50	2.22	89	74 - 120	2.35	94	6	30
75-69-4	Trichlorofluoromethane	ND	0.250		2.50	2.40	96	64 - 141	2.47	99	3	30
96-18-4	1,2,3-Trichloropropane	ND	0.250		2.50	2.02	81	63 - 132	2.23	89	10	30
95-63-6	1,2,4-Trimethylbenzene	ND	0.250		2.50	2.49	100	75 - 130	2.47	99	1	30
108-67-8	1,3,5-Trimethylbenzene	ND	0.250		2.50	2.53	101	74 - 136	2.47	99	2	30
75-01-4	Vinyl chloride	ND	0.250		2.50	2.44	98	67 - 131	2.48	99	2	30
95-47-6	o-Xylene	ND	0.250		2.50	2.35	94	69 - 133	2.44	98	4	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.250		2.50	1.80	72	60 - 123	1.96	78	9	30
106-93-4	1,2-Dibromoethane	ND	0.250		2.50	2.17	87	74 - 122	2.32	93	7	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.250		2.50	2.57	103	69 - 126	2.75	110	7	30
540-59-0	1,2-Dichloroethene(Total)	ND	0.500		5.00	5.21	104	72 - 129	5.42	108	4	30
99-87-6	4-Isopropyltoluene	ND	0.250		2.50	2.57	103	71 - 136	2.47	99	4	30
1330-20-7	Xylene (total)	ND	0.500		7.50	7.10	95	71 - 129	7.25	97	2	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.250		2.50	2.48	99	44 - 146	2.66	106	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524504	**Client ID**	MB524504			LCS524504			LCSD524504		
Prep Batch	N/A	**GCAL ID**	1278064			1278065			1278066		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/30/2014 11:09			01/30/2014 09:26			01/30/2014 09:46		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
594-20-7	2,2-Dichloropropane	ND	0.250	2.50	2.88	115	74 - 129	2.92	117	1	30
76-13-1	Trichlorotrifluoroethane	ND	0.250	2.50	2.44	98	66 - 139	2.44	98	0	30
563-58-6	1,1-Dichloropropene	ND	0.250	2.50	2.61	104	70 - 138	2.68	107	3	30
142-28-9	1,3-Dichloropropane	ND	0.250	2.50	2.15	86	77 - 121	2.29	92	6	30
108-86-1	Bromobenzene	ND	0.250	2.50	2.31	92	73 - 124	2.36	94	2	30
95-49-8	2-Chlorotoluene	ND	0.250	2.50	2.39	96	75 - 132	2.38	95	0	30
106-43-4	4-Chlorotoluene	ND	0.250	2.50	2.37	95	74 - 133	2.38	95	0	30
98-06-6	tert-Butylbenzene	ND	0.250	2.50	2.57	103	72 - 136	2.45	98	5	30
135-98-8	sec-Butylbenzene	ND	0.250	2.50	2.57	103	72 - 141	2.45	98	5	30
541-73-1	1,3-Dichlorobenzene	ND	0.250	2.50	2.30	92	77 - 127	2.28	91	1	30
106-46-7	1,4-Dichlorobenzene	ND	0.250	2.50	2.32	93	74 - 123	2.33	93	0	30
104-51-8	n-Butylbenzene	ND	0.250	2.50	2.64	106	68 - 144	2.49	100	6	30
95-50-1	1,2-Dichlorobenzene	ND	0.250	2.50	2.30	92	76 - 125	2.29	92	0	30
87-68-3	Hexachlorobutadiene	ND	0.250	2.50	2.68	107	71 - 140	2.55	102	5	30
91-20-3	Naphthalene	ND	0.250	2.50	2.07	83	54 - 132	2.20	88	6	35
75-35-4	1,1-Dichloroethene	ND	0.250	2.50	2.33	93	68 - 129	2.43	97	4	20
71-43-2	Benzene	ND	0.250	2.50	2.50	100	73 - 128	2.59	104	4	20
79-01-6	Trichloroethene	ND	0.250	2.50	2.44	98	78 - 127	2.56	102	5	20
108-88-3	Toluene	ND	0.250	2.50	2.23	89	74 - 121	2.31	92	4	20
108-90-7	Chlorobenzene	ND	0.250	2.50	2.25	90	75 - 121	2.29	92	2	20
Surrogate											
460-00-4	4-Bromofluorobenzene	2350	94	2500	2400	96	62 - 127	2430	97		
1868-53-7	Dibromofluoromethane	2580	103	2500	2580	103	65 - 130	2590	104		
2037-26-5	Toluene d8	2410	96	2500	2340	94	71 - 132	2360	94		
17060-07-0	1,2-Dichloroethane-d4	2750	110	2500	2530	101	62 - 125	2590	104		

GC/MS Volatiles Quality Control Summary

Analytical Batch	524601	**Client ID**	MB524601			LCS524601			LCSD524601		
Prep Batch	N/A	**GCAL ID**	1278525			1278526			1278527		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/31/2014 15:06			01/31/2014 12:48			01/31/2014 13:11		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg								
		Result	**RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone	ND	1.25	2.50	2.39	96	38 - 152	2.36	94	1	30
74-97-5	Bromochloromethane	ND	0.250	2.50	2.68	107	73 - 127	2.67	107	0	30
75-27-4	Bromodichloromethane	ND	0.250	2.50	2.63	105	74 - 126	2.63	105	0	30
75-25-2	Bromoform	ND	0.250	2.50	2.25	90	67 - 122	2.36	94	5	30
74-83-9	Bromomethane	ND	0.250	2.50	2.51	100	48 - 139	2.55	102	2	30
75-15-0	Carbon disulfide	ND	0.250	2.50	2.92	117	68 - 133	2.70	108	8	30
56-23-5	Carbon tetrachloride	ND	0.250	2.50	2.75	110	71 - 133	2.58	103	6	30
75-00-3	Chloroethane	ND	0.250	2.50	2.88	115	57 - 144	2.76	110	4	30
136777-61-2	m,p-Xylene	ND	0.250	5.00	4.87	97	72 - 128	5.02	100	3	30
67-66-3	Chloroform	ND	0.250	2.50	2.67	107	74 - 124	2.58	103	3	30
74-87-3	Chloromethane	ND	0.250	2.50	2.64	106	61 - 130	2.64	106	0	30
124-48-1	Dibromochloromethane	ND	0.250	2.50	2.42	97	74 - 122	2.58	103	6	30
74-95-3	Dibromomethane	ND	0.250	2.50	2.66	106	72 - 125	2.63	105	1	30
75-71-8	Dichlorodifluoromethane	ND	0.250	2.50	2.72	109	59 - 138	2.59	104	5	30
75-34-3	1,1-Dichloroethane	ND	0.250	2.50	2.70	108	71 - 126	2.61	104	3	30
107-06-2	1,2-Dichloroethane	ND	0.250	2.50	2.75	110	68 - 126	2.56	102	7	30
156-59-2	cis-1,2-Dichloroethene	ND	0.250	2.50	2.69	108	72 - 130	2.61	104	3	30
156-60-5	trans-1,2-Dichloroethene	ND	0.250	2.50	2.80	112	67 - 134	2.72	109	3	30
75-09-2	Methylene chloride	ND	0.500	2.50	2.62	105	66 - 130	2.51	100	4	30
78-87-5	1,2-Dichloropropane	ND	0.250	2.50	2.53	101	72 - 129	2.68	107	6	30
10061-01-5	cis-1,3-Dichloropropene	ND	0.250	2.50	2.61	104	72 - 129	2.60	104	0	30
10061-02-6	trans-1,3-Dichloropropene	ND	0.250	2.50	2.41	96	72 - 126	2.54	102	5	30
100-41-4	Ethylbenzene	ND	0.250	2.50	2.68	107	74 - 130	2.48	99	8	30
591-78-6	2-Hexanone	ND	0.250	2.50	2.20	88	47 - 137	2.34	94	6	30
98-82-8	Isopropylbenzene (Cumene)	ND	0.250	2.50	2.50	100	74 - 125	2.48	99	1	30
78-93-3	2-Butanone	ND	0.250	2.50	2.45	98	47 - 142	2.40	96	2	30
74-88-4	Methyl iodide	ND	0.250	2.50	2.57	103	54 - 140	2.52	101	2	30
108-10-1	4-Methyl-2-pentanone	ND	0.250	2.50	2.38	95	52 - 136	2.44	98	2	30
103-65-1	n-Propylbenzene	ND	0.250	2.50	2.73	109	73 - 137	2.54	102	7	30
100-42-5	Styrene	ND	0.250	2.50	2.41	96	72 - 128	2.57	103	6	30
127-18-4	Tetrachloroethene	ND	0.250	2.50	2.51	100	70 - 127	2.52	101	0	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.250	2.50	2.48	99	77 - 122	2.62	105	5	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.250	2.50	2.42	97	66 - 129	2.52	101	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524601	**Client ID**	MB524601			LCS524601			LCSD524601		
Prep Batch	N/A	**GCAL ID**	1278525			1278526			1278527		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/31/2014 15:06			01/31/2014 12:48			01/31/2014 13:11		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	0.250		2.50	2.92	117	64 - 135	2.48	99	16	30
71-55-6	1,1,1-Trichloroethane	ND	0.250		2.50	2.67	107	70 - 130	2.51	100	6	30
79-00-5	1,1,2-Trichloroethane	ND	0.250		2.50	2.39	96	74 - 120	2.49	100	4	30
75-69-4	Trichlorofluoromethane	ND	0.250		2.50	2.81	112	64 - 141	2.55	102	10	30
96-18-4	1,2,3-Trichloropropane	ND	0.250		2.50	2.39	96	63 - 132	2.50	100	4	30
95-63-6	1,2,4-Trimethylbenzene	ND	0.250		2.50	2.62	105	75 - 130	2.53	101	3	30
108-67-8	1,3,5-Trimethylbenzene	ND	0.250		2.50	2.67	107	74 - 136	2.63	105	2	30
75-01-4	Vinyl chloride	ND	0.250		2.50	2.82	113	67 - 131	2.61	104	8	30
95-47-6	o-Xylene	ND	0.250		2.50	2.42	97	69 - 133	2.54	102	5	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.250		2.50	2.45	98	60 - 123	2.43	97	1	30
106-93-4	1,2-Dibromoethane	ND	0.250		2.50	2.32	93	74 - 122	2.52	101	8	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.250		2.50	2.54	102	69 - 126	2.49	100	2	30
540-59-0	1,2-Dichloroethene(Total)	ND	0.500		5.00	5.49	110	72 - 129	5.33	107	3	30
99-87-6	4-Isopropyltoluene	ND	0.250		2.50	2.78	111	71 - 136	2.47	99	12	30
1330-20-7	Xylene (total)	ND	0.500		7.50	7.29	97	71 - 129	7.56	101	4	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.250		2.50	2.45	98	44 - 146	2.46	98	0	30
594-20-7	2,2-Dichloropropane	ND	0.250		2.50	2.65	106	74 - 129	2.53	101	5	30
76-13-1	Trichlorotrifluoroethane	ND	0.250		2.50	2.94	118	66 - 139	2.77	111	6	30
563-58-6	1,1-Dichloropropene	ND	0.250		2.50	2.72	109	70 - 138	2.60	104	5	30
142-28-9	1,3-Dichloropropane	ND	0.250		2.50	2.46	98	77 - 121	2.51	100	2	30
108-86-1	Bromobenzene	ND	0.250		2.50	2.55	102	73 - 124	2.49	100	2	30
95-49-8	2-Chlorotoluene	ND	0.250		2.50	2.57	103	75 - 132	2.59	104	1	30
106-43-4	4-Chlorotoluene	ND	0.250		2.50	2.56	102	74 - 133	2.48	99	3	30
98-06-6	tert-Butylbenzene	ND	0.250		2.50	2.84	114	72 - 136	2.56	102	10	30
135-98-8	sec-Butylbenzene	ND	0.250		2.50	2.84	114	72 - 141	2.56	102	10	30
541-73-1	1,3-Dichlorobenzene	ND	0.250		2.50	2.65	106	77 - 127	2.57	103	3	30
106-46-7	1,4-Dichlorobenzene	ND	0.250		2.50	2.64	106	74 - 123	2.54	102	4	30
104-51-8	n-Butylbenzene	ND	0.250		2.50	2.88	115	68 - 144	2.47	99	15	30
95-50-1	1,2-Dichlorobenzene	ND	0.250		2.50	2.64	106	76 - 125	2.61	104	1	30
87-68-3	Hexachlorobutadiene	ND	0.250		2.50	3.20	128	71 - 140	2.38	95	29	30
91-20-3	Naphthalene	ND	0.250		2.50	2.51	100	54 - 132	2.27	91	10	35
75-35-4	1,1-Dichloroethene	ND	0.250		2.50	2.81	112	68 - 129	2.63	105	7	20
71-43-2	Benzene	ND	0.250		2.50	2.64	106	73 - 128	2.58	103	2	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524601	**Client ID**	MB524601			LCS524601			LCSD524601			
Prep Batch	N/A	**GCAL ID**	1278525			1278526			1278527			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	01/31/2014 15:06			01/31/2014 12:48			01/31/2014 13:11			
		Matrix	Solid			Solid			Solid			
EPA 8260B		**Units**	**Result**	mg/kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
79-01-6	Trichloroethene		ND	0.250	2.50	2.78	111	78 - 127	2.58	103	7	20
108-88-3	Toluene		ND	0.250	2.50	2.40	96	74 - 121	2.48	99	3	20
108-90-7	Chlorobenzene		ND	0.250	2.50	2.65	106	75 - 121	2.50	100	6	20
Surrogate												
460-00-4	4-Bromofluorobenzene		2510	100	2500	2330	93	62 - 127	2450	98		
1868-53-7	Dibromofluoromethane		2410	96	2500	2510	100	65 - 130	2500	100		
2037-26-5	Toluene d8		2530	101	2500	2260	90	71 - 132	2520	101		
17060-07-0	1,2-Dichloroethane-d4		2550	102	2500	2460	98	62 - 125	2500	100		

GCAL ANALYTICAL LABORATORIES, LLC

CHAIN OF CUSTODY RECORD

7979 Innovation Park Dr., Baton Rouge, LA 70820-7402
Phone: 225.769.4900 • Fax: 225.767.5717 • www.gcal.com

Client ID: 4642 - Sage Environmental
SDG: 214012427
Due Date: 01/30/14

Report to:
Client: Sage Environmental
Address: 600 Chastain Rd, Ste 320
Kennesaw, Ga 30144
Contact: Jack Wintle
Phone: 678-431-0130
E-mail:

Bill to:
Client: same
Address:
Contact:
Phone:
E-mail:

GCAL use only:
Custody Seal used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 2.6 B22

P.O. Number: 1221-1-3
Project Name/Number: Rayloc VRP
Sampled By:

☐ Dissolved Analysis Requested
☐ Field filtered
☐ Lab filtered

Analytical Requests & Method: VOCs

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	No Containers	VOCs	Preservative
S	1/20/14	11:00		✓	SA-20-A @ 25'	4	X	1
S	1/20/14	16:23		✓	SA-23-A @ 13'	4	X	2
S	1/20/14	13:24		✓	SA-18 @ 30'	4	X	3
S	1/20/14	11:00		✓	SA-20-A @ 30'	4	X	4
S	1/20/14	11:41		✓	SA-19 @ 30'	4	X	5
S	1/20/14	15:30		✓	SA-24 @ 12'	4	X	6
S	1/20/14	15:10		✓	SA-25A @ 4'	4	X	7
S	1/20/14	13:24		✓	SA-18 @ 15'	4	X	8
S	1/20/14	14:17		✓	SA-17 @ 20'	4	X	9
S	1/20/14	14:50		✓	SA-16-A @ 8'	4	X	10
S	1/20/14	11:41		✓	SA-19 @ 10'	4	X	11

Air Bill No:

Turn Around Time (Business Days): ☐ 24h* ☐ 48h* ☐ 3 days* ☐ 1 week* ☑ Standard (Per Contract/Quote) 7976-9401-2326

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) Fed Ex	Date: 1/23/14	Time: 0935	Received by: (Signature)	Date: 1/23/14	Time: 0935

Note: CoC created for extra samples per Jack Wintle by IXO.

By submitting these samples, you agree to GCAL's terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = solid, L = liquid, T = tissue

*Requires prior approval, rush charges may apply.

We cannot accept verbal changes. Please email written changes to your PM.

WHITE: CLIENT FINAL REPORT CANARY: CLIENT

GCAL ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIVING CHECKLIST

214012427

SAMPLE DELIVERY GROUP 214012427

Client 4642 - Sage Environmental	**Transport Method** FED EX
Profile Number 240745	**Received By** Brown, Aaron D.
Line Item(s) 2 - Soils	**Receive Date(s)** 01/23/14

CHECKLIST	YES	NO	NA
Were all samples received using proper thermal preservation?	☑	☐	☐
When used, were all custody seals intact?	☑	☐	☐
Were all samples received in proper containers?	☑	☐	☐
Were all samples received using proper chemical preservation?	☑	☐	☐
Was preservative added to any container at the lab?	☐	☑	☐
Were all containers received in good condition?	☑	☐	☐
Were all VOA vials received with no head space?	☐	☐	☑
Do all sample labels match the Chain of Custody?	☑	☐	☐
Did the Chain of Custody list the sampling technician?	☐	☐	☑
Was the COC maintained i.e. all signatures, dates and time of receipt included?	☑	☐	☐

COOLERS

Airbill	Thermometer ID: E22	Temp(°C)
797694012326		2.6

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

Revision 1.4

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER L13-190

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 Innovation Park Dr.

Baton Rouge, LA 70820

Report Date 02/03/2014

GCAL Report 214012350

Deliver To	Sage Environmental Services 600 Chastain Rd. Kennesaw, GA 30144 678-431-0130
Attn	Jack Wintle

Project Rayloc VRP

CASE NARRATIVE

Client: Sage Environmental **Report:** 214012350

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the EPA 8260B analysis, all samples had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilutions are reflected in elevated detection limits.

In the EPA 8260B analysis, analytes that exceeded the upper calibration range of the instrument in the 1X for samples 21401235005 (SA-26 AT 15) and 21401235006 (SA-26 AT 30) are reported at 50X (methanol extract). The concentration of these analytes in the methanol extracts is much lower indicating variations in the aliquots of the samples.

In the EPA 8260B analysis for analytical batch 524446, the LCS and/or LCSD recoveries are above the upper control limit for 2-Hexanone. This compound was not detected in the associated samples.

In the EPA 8260B analysis for analytical batch 524354, the LCS and/or LCSD recoveries are above the upper control limit for trans-1,4-Dichloro-2-butene, trans-1,3-Dichloropropene, 4-Methyl-2-pentanone and tert-Butyl methyl ether (MTBE). These compounds were not detected in the associated samples.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

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This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Authorized Signature
GCAL REPORT 214012350

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235001	SA-21 AT 15	Solid	01/21/2014 09:15	01/23/2014 09:45
21401235002	SA-21 AT 30	Solid	01/21/2014 09:15	01/23/2014 09:45
21401235003	SA-22 AT 10	Solid	01/21/2014 08:50	01/23/2014 09:45
21401235004	SA-22 AT 30	Solid	01/21/2014 08:50	01/23/2014 09:45
21401235005	SA-26 AT 15	Solid	01/21/2014 14:57	01/23/2014 09:45
21401235006	SA-26 AT 30	Solid	01/21/2014 14:57	01/23/2014 09:45
21401235007	SA-27 AT 20	Solid	01/21/2014 14:13	01/23/2014 09:45
21401235008	SA-27 AT 30	Solid	01/21/2014 14:13	01/23/2014 09:45
21401235009	SA-28 AT 10	Solid	01/21/2014 13:37	01/23/2014 09:45
21401235010	SA-28 AT 30	Solid	01/21/2014 13:37	01/23/2014 09:45
21401235011	SA-29 AT 20	Solid	01/21/2014 11:30	01/23/2014 09:45
21401235012	SA-29 AT 30	Solid	01/21/2014 11:30	01/23/2014 09:45
21401235013	SA-30 AT 15	Solid	01/21/2014 11:00	01/23/2014 09:45
21401235014	SA-30 AT 30	Solid	01/21/2014 11:00	01/23/2014 09:45
21401235018	SA-17 AT 30	Solid	01/20/2014 11:41	01/23/2014 09:45

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235001	**SA-21 AT 15**	Solid	01/21/2014 09:15	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5570000	916000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235002	**SA-21 AT 30**	Solid	01/21/2014 09:15	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
91-20-3	Naphthalene	4920	4770		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	2010000	95400		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235003	**SA-22 AT 10**	Solid	01/21/2014 08:50	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	256000	49200		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	4860000	492000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235004	**SA-22 AT 30**	Solid	01/21/2014 08:50	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	573000	58000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235005	**SA-26 AT 15**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	0.00521	0.00256		mg/kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235005	**SA-26 AT 15**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
156-59-2	cis-1,2-Dichloroethene	0.047	0.023		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235006	**SA-26 AT 30**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	0.069	0.039		mg/kg
156-59-2	cis-1,2-Dichloroethene	0.069	0.020		mg/kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	0.055	0.00247		mg/kg
79-01-6	Trichloroethene	0.00739	0.00247		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235007	**SA-27 AT 20**	Solid	01/21/2014 14:13	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	3210	3130		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	296000	62500		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235008	**SA-27 AT 30**	Solid	01/21/2014 14:13	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	82500	10400		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235009	**SA-28 AT 10**	Solid	01/21/2014 13:37	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	837000	73200		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	16800000	732000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235010	**SA-28 AT 30**	Solid	01/21/2014 13:37	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	736000	117000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235011	**SA-29 AT 20**	Solid	01/21/2014 11:30	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	884000	140000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235012	**SA-29 AT 30**	Solid	01/21/2014 11:30	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
78-93-3	2-Butanone	178	132		ug/Kg
67-64-1	Acetone	1500	659		ug/Kg
127-18-4	Tetrachloroethene	693	132		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235013	**SA-30 AT 15**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	Trichloroethene	63700	23100		ug/Kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235013	**SA-30 AT 15**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	7950000	231000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235014	**SA-30 AT 30**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-64-1	Acetone	2910	1300		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	9690	2600		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235018	**SA-17 AT 30**	Solid	01/20/2014 11:41	01/23/2014 09:45

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
95-50-1	1,2-Dichlorobenzene	18800	11900		ug/Kg
79-01-6	Trichloroethene	13600	11900		ug/Kg

EPA 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	834000	119000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235001	**SA-21 AT 15**	Solid	01/21/2014 09:15	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 12:57	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	91600		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	91600		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	91600		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	91600		ug/Kg
75-34-3	1,1-Dichloroethane	ND	91600		ug/Kg
75-35-4	1,1-Dichloroethene	ND	91600		ug/Kg
563-58-6	1,1-Dichloropropene	ND	91600		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	91600		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	91600		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	91600		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	91600		ug/Kg
106-93-4	1,2-Dibromoethane	ND	91600		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	91600		ug/Kg
107-06-2	1,2-Dichloroethane	ND	91600		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	183000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	91600		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	91600		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	91600		ug/Kg
142-28-9	1,3-Dichloropropane	ND	91600		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	91600		ug/Kg
594-20-7	2,2-Dichloropropane	ND	91600		ug/Kg
78-93-3	2-Butanone	ND	91600		ug/Kg
95-49-8	2-Chlorotoluene	ND	91600		ug/Kg
591-78-6	2-Hexanone	ND	91600		ug/Kg
106-43-4	4-Chlorotoluene	ND	91600		ug/Kg
99-87-6	4-Isopropyltoluene	ND	91600		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	91600		ug/Kg
67-64-1	Acetone	ND	458000		ug/Kg
71-43-2	Benzene	ND	91600		ug/Kg
108-86-1	Bromobenzene	ND	91600		ug/Kg
74-97-5	Bromochloromethane	ND	91600		ug/Kg
75-27-4	Bromodichloromethane	ND	91600		ug/Kg
75-25-2	Bromoform	ND	91600		ug/Kg
74-83-9	Bromomethane	ND	91600		ug/Kg
75-15-0	Carbon disulfide	ND	91600		ug/Kg
56-23-5	Carbon tetrachloride	ND	91600		ug/Kg
108-90-7	Chlorobenzene	ND	91600		ug/Kg
75-00-3	Chloroethane	ND	91600		ug/Kg
67-66-3	Chloroform	ND	91600		ug/Kg
74-87-3	Chloromethane	ND	91600		ug/Kg
124-48-1	Dibromochloromethane	ND	91600		ug/Kg
74-95-3	Dibromomethane	ND	91600		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	91600		ug/Kg
100-41-4	Ethylbenzene	ND	91600		ug/Kg
87-68-3	Hexachlorobutadiene	ND	91600		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	91600		ug/Kg
74-88-4	Methyl iodide	ND	91600		ug/Kg
75-09-2	Methylene chloride	ND	183000		ug/Kg
91-20-3	Naphthalene	ND	91600		ug/Kg
100-42-5	Styrene	ND	91600		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235001	**SA-21 AT 15**	Solid	01/21/2014 09:15	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 12:57	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	91600		ug/Kg
79-01-6	Trichloroethene	ND	91600		ug/Kg
75-69-4	Trichlorofluoromethane	ND	91600		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	91600		ug/Kg
75-01-4	Vinyl chloride	ND	91600		ug/Kg
1330-20-7	Xylene (total)	ND	183000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	91600		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	91600		ug/Kg
136777-61-2	m,p-Xylene	ND	91600		ug/Kg
104-51-8	n-Butylbenzene	ND	91600		ug/Kg
103-65-1	n-Propylbenzene	ND	91600		ug/Kg
95-47-6	o-Xylene	ND	91600		ug/Kg
135-98-8	sec-Butylbenzene	ND	91600		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	91600		ug/Kg
98-06-6	tert-Butylbenzene	ND	91600		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	91600		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	91600		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	91600		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	916000	976000	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	916000	927000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	916000	974000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	916000	922000	ug/Kg	101	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200000	01/28/2014 01:01	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**5570000**	**916000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	9160000	9540000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	9160000	9230000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	9160000	9560000	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	9160000	9230000	ug/Kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235002	**SA-21 AT 30**	Solid	01/21/2014 09:15	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/27/2014 17:06	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	4770		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	4770		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	4770		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	4770		ug/Kg
75-34-3	1,1-Dichloroethane	ND	4770		ug/Kg
75-35-4	1,1-Dichloroethene	ND	4770		ug/Kg
563-58-6	1,1-Dichloropropene	ND	4770		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	4770		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	4770		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	4770		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	4770		ug/Kg
106-93-4	1,2-Dibromoethane	ND	4770		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	4770		ug/Kg
107-06-2	1,2-Dichloroethane	ND	4770		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	9540		ug/Kg
78-87-5	1,2-Dichloropropane	ND	4770		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	4770		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	4770		ug/Kg
142-28-9	1,3-Dichloropropane	ND	4770		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	4770		ug/Kg
594-20-7	2,2-Dichloropropane	ND	4770		ug/Kg
78-93-3	2-Butanone	ND	4770		ug/Kg
95-49-8	2-Chlorotoluene	ND	4770		ug/Kg
591-78-6	2-Hexanone	ND	4770		ug/Kg
106-43-4	4-Chlorotoluene	ND	4770		ug/Kg
99-87-6	4-Isopropyltoluene	ND	4770		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	4770		ug/Kg
67-64-1	Acetone	ND	23900		ug/Kg
71-43-2	Benzene	ND	4770		ug/Kg
108-86-1	Bromobenzene	ND	4770		ug/Kg
74-97-5	Bromochloromethane	ND	4770		ug/Kg
75-27-4	Bromodichloromethane	ND	4770		ug/Kg
75-25-2	Bromoform	ND	4770		ug/Kg
74-83-9	Bromomethane	ND	4770		ug/Kg
75-15-0	Carbon disulfide	ND	4770		ug/Kg
56-23-5	Carbon tetrachloride	ND	4770		ug/Kg
108-90-7	Chlorobenzene	ND	4770		ug/Kg
75-00-3	Chloroethane	ND	4770		ug/Kg
67-66-3	Chloroform	ND	4770		ug/Kg
74-87-3	Chloromethane	ND	4770		ug/Kg
124-48-1	Dibromochloromethane	ND	4770		ug/Kg
74-95-3	Dibromomethane	ND	4770		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	4770		ug/Kg
100-41-4	Ethylbenzene	ND	4770		ug/Kg
87-68-3	Hexachlorobutadiene	ND	4770		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	4770		ug/Kg
74-88-4	Methyl iodide	ND	4770		ug/Kg
75-09-2	Methylene chloride	ND	9540		ug/Kg
91-20-3	**Naphthalene**	**4920**	**4770**		**ug/Kg**
100-42-5	Styrene	ND	4770		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235002	**SA-21 AT 30**	Solid	01/21/2014 09:15	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/27/2014 17:06	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	4770		ug/Kg
79-01-6	Trichloroethene	ND	4770		ug/Kg
75-69-4	Trichlorofluoromethane	ND	4770		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	4770		ug/Kg
75-01-4	Vinyl chloride	ND	4770		ug/Kg
1330-20-7	Xylene (total)	ND	9540		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	4770		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	4770		ug/Kg
136777-61-2	m,p-Xylene	ND	4770		ug/Kg
104-51-8	n-Butylbenzene	ND	4770		ug/Kg
103-65-1	n-Propylbenzene	ND	4770		ug/Kg
95-47-6	o-Xylene	ND	4770		ug/Kg
135-98-8	sec-Butylbenzene	ND	4770		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	4770		ug/Kg
98-06-6	tert-Butylbenzene	ND	4770		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	4770		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	4770		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	4770		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	47700	51300	ug/Kg	108	62 - 127
1868-53-7	Dibromofluoromethane	47700	48000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	47700	48400	ug/Kg	101	71 - 132
17060-07-0	1,2-Dichloroethane-d4	47700	46900	ug/Kg	98	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/28/2014 01:24	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**2010000**	**95400**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	954000	1010000	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	954000	966000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	954000	1030000	ug/Kg	108	71 - 132
17060-07-0	1,2-Dichloroethane-d4	954000	960000	ug/Kg	101	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235003	**SA-22 AT 10**	Solid	01/21/2014 08:50	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/27/2014 13:43	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	49200		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	49200		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	49200		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	49200		ug/Kg
75-34-3	1,1-Dichloroethane	ND	49200		ug/Kg
75-35-4	1,1-Dichloroethene	ND	49200		ug/Kg
563-58-6	1,1-Dichloropropene	ND	49200		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	49200		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	49200		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	49200		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	49200		ug/Kg
106-93-4	1,2-Dibromoethane	ND	49200		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	49200		ug/Kg
107-06-2	1,2-Dichloroethane	ND	49200		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	98400		ug/Kg
78-87-5	1,2-Dichloropropane	ND	49200		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	49200		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	49200		ug/Kg
142-28-9	1,3-Dichloropropane	ND	49200		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	49200		ug/Kg
594-20-7	2,2-Dichloropropane	ND	49200		ug/Kg
78-93-3	2-Butanone	ND	49200		ug/Kg
95-49-8	2-Chlorotoluene	ND	49200		ug/Kg
591-78-6	2-Hexanone	ND	49200		ug/Kg
106-43-4	4-Chlorotoluene	ND	49200		ug/Kg
99-87-6	4-Isopropyltoluene	ND	49200		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	49200		ug/Kg
67-64-1	Acetone	ND	246000		ug/Kg
71-43-2	Benzene	ND	49200		ug/Kg
108-86-1	Bromobenzene	ND	49200		ug/Kg
74-97-5	Bromochloromethane	ND	49200		ug/Kg
75-27-4	Bromodichloromethane	ND	49200		ug/Kg
75-25-2	Bromoform	ND	49200		ug/Kg
74-83-9	Bromomethane	ND	49200		ug/Kg
75-15-0	Carbon disulfide	ND	49200		ug/Kg
56-23-5	Carbon tetrachloride	ND	49200		ug/Kg
108-90-7	Chlorobenzene	ND	49200		ug/Kg
75-00-3	Chloroethane	ND	49200		ug/Kg
67-66-3	Chloroform	ND	49200		ug/Kg
74-87-3	Chloromethane	ND	49200		ug/Kg
124-48-1	Dibromochloromethane	ND	49200		ug/Kg
74-95-3	Dibromomethane	ND	49200		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	49200		ug/Kg
100-41-4	Ethylbenzene	ND	49200		ug/Kg
87-68-3	Hexachlorobutadiene	ND	49200		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	49200		ug/Kg
74-88-4	Methyl iodide	ND	49200		ug/Kg
75-09-2	Methylene chloride	ND	98400		ug/Kg
91-20-3	Naphthalene	ND	49200		ug/Kg
100-42-5	Styrene	ND	49200		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235003	**SA-22 AT 10**	Solid	01/21/2014 08:50	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/27/2014 13:43	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	49200		ug/Kg
79-01-6	**Trichloroethene**	**256000**	**49200**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	49200		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	49200		ug/Kg
75-01-4	Vinyl chloride	ND	49200		ug/Kg
1330-20-7	Xylene (total)	ND	98400		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	49200		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	49200		ug/Kg
136777-61-2	m,p-Xylene	ND	49200		ug/Kg
104-51-8	n-Butylbenzene	ND	49200		ug/Kg
103-65-1	n-Propylbenzene	ND	49200		ug/Kg
95-47-6	o-Xylene	ND	49200		ug/Kg
135-98-8	sec-Butylbenzene	ND	49200		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	49200		ug/Kg
98-06-6	tert-Butylbenzene	ND	49200		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	49200		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	49200		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	49200		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	492000	521000	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	492000	494000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	492000	514000	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	492000	487000	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100000	01/28/2014 01:47	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**4860000**	**492000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	4920000	5200000	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	4920000	5020000	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	4920000	5190000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	4920000	4940000	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235004	**SA-22 AT 30**	Solid	01/21/2014 08:50	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/27/2014 17:28	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	5800		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	5800		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	5800		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	5800		ug/Kg
75-34-3	1,1-Dichloroethane	ND	5800		ug/Kg
75-35-4	1,1-Dichloroethene	ND	5800		ug/Kg
563-58-6	1,1-Dichloropropene	ND	5800		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	5800		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	5800		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	5800		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	5800		ug/Kg
106-93-4	1,2-Dibromoethane	ND	5800		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	5800		ug/Kg
107-06-2	1,2-Dichloroethane	ND	5800		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	11600		ug/Kg
78-87-5	1,2-Dichloropropane	ND	5800		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	5800		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	5800		ug/Kg
142-28-9	1,3-Dichloropropane	ND	5800		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	5800		ug/Kg
594-20-7	2,2-Dichloropropane	ND	5800		ug/Kg
78-93-3	2-Butanone	ND	5800		ug/Kg
95-49-8	2-Chlorotoluene	ND	5800		ug/Kg
591-78-6	2-Hexanone	ND	5800		ug/Kg
106-43-4	4-Chlorotoluene	ND	5800		ug/Kg
99-87-6	4-Isopropyltoluene	ND	5800		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	5800		ug/Kg
67-64-1	Acetone	ND	29000		ug/Kg
71-43-2	Benzene	ND	5800		ug/Kg
108-86-1	Bromobenzene	ND	5800		ug/Kg
74-97-5	Bromochloromethane	ND	5800		ug/Kg
75-27-4	Bromodichloromethane	ND	5800		ug/Kg
75-25-2	Bromoform	ND	5800		ug/Kg
74-83-9	Bromomethane	ND	5800		ug/Kg
75-15-0	Carbon disulfide	ND	5800		ug/Kg
56-23-5	Carbon tetrachloride	ND	5800		ug/Kg
108-90-7	Chlorobenzene	ND	5800		ug/Kg
75-00-3	Chloroethane	ND	5800		ug/Kg
67-66-3	Chloroform	ND	5800		ug/Kg
74-87-3	Chloromethane	ND	5800		ug/Kg
124-48-1	Dibromochloromethane	ND	5800		ug/Kg
74-95-3	Dibromomethane	ND	5800		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	5800		ug/Kg
100-41-4	Ethylbenzene	ND	5800		ug/Kg
87-68-3	Hexachlorobutadiene	ND	5800		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	5800		ug/Kg
74-88-4	Methyl iodide	ND	5800		ug/Kg
75-09-2	Methylene chloride	ND	11600		ug/Kg
91-20-3	Naphthalene	ND	5800		ug/Kg
100-42-5	Styrene	ND	5800		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235004	**SA-22 AT 30**	Solid	01/21/2014 08:50	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	01/27/2014 17:28	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	5800		ug/Kg
79-01-6	Trichloroethene	ND	5800		ug/Kg
75-69-4	Trichlorofluoromethane	ND	5800		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	5800		ug/Kg
75-01-4	Vinyl chloride	ND	5800		ug/Kg
1330-20-7	Xylene (total)	ND	11600		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	5800		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	5800		ug/Kg
136777-61-2	m,p-Xylene	ND	5800		ug/Kg
104-51-8	n-Butylbenzene	ND	5800		ug/Kg
103-65-1	n-Propylbenzene	ND	5800		ug/Kg
95-47-6	o-Xylene	ND	5800		ug/Kg
135-98-8	sec-Butylbenzene	ND	5800		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	5800		ug/Kg
98-06-6	tert-Butylbenzene	ND	5800		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	5800		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	5800		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	5800		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	58000	62000	ug/Kg	107	62 - 127
1868-53-7	Dibromofluoromethane	58000	57700	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	58000	60200	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	58000	57200	ug/Kg	99	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/28/2014 02:10	CEK	524371

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**573000**	**58000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	580000	601000	ug/Kg	104	62 - 127
1868-53-7	Dibromofluoromethane	580000	591000	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	580000	609000	ug/Kg	105	71 - 132
17060-07-0	1,2-Dichloroethane-d4	580000	576000	ug/Kg	99	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235005	**SA-26 AT 15**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/29/2014 03:16	JCK	524446

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.00256		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	0.00256		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.00256		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	0.00256		mg/kg
75-34-3	1,1-Dichloroethane	ND	0.00256		mg/kg
75-35-4	1,1-Dichloroethene	ND	0.00256		mg/kg
563-58-6	1,1-Dichloropropene	ND	0.00256		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	0.00256		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	0.00256		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	0.00256		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.00256		mg/kg
106-93-4	1,2-Dibromoethane	ND	0.00256		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	0.00256		mg/kg
107-06-2	1,2-Dichloroethane	ND	0.00256		mg/kg
78-87-5	1,2-Dichloropropane	ND	0.00256		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	0.00256		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	0.00256		mg/kg
142-28-9	1,3-Dichloropropane	ND	0.00256		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	0.00256		mg/kg
594-20-7	2,2-Dichloropropane	ND	0.00256		mg/kg
78-93-3	2-Butanone	ND	0.00256		mg/kg
95-49-8	2-Chlorotoluene	ND	0.00256		mg/kg
591-78-6	2-Hexanone	ND	0.00256		mg/kg
106-43-4	4-Chlorotoluene	ND	0.00256		mg/kg
99-87-6	4-Isopropyltoluene	ND	0.00256		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	0.00256		mg/kg
67-64-1	Acetone	ND	0.013		mg/kg
71-43-2	Benzene	ND	0.00256		mg/kg
108-86-1	Bromobenzene	ND	0.00256		mg/kg
74-97-5	Bromochloromethane	ND	0.00256		mg/kg
75-27-4	Bromodichloromethane	ND	0.00256		mg/kg
75-25-2	Bromoform	ND	0.00256		mg/kg
74-83-9	Bromomethane	ND	0.00256		mg/kg
75-15-0	Carbon disulfide	ND	0.00256		mg/kg
56-23-5	Carbon tetrachloride	ND	0.00256		mg/kg
108-90-7	Chlorobenzene	ND	0.00256		mg/kg
75-00-3	Chloroethane	ND	0.00256		mg/kg
67-66-3	Chloroform	ND	0.00256		mg/kg
74-87-3	Chloromethane	ND	0.00256		mg/kg
124-48-1	Dibromochloromethane	ND	0.00256		mg/kg
74-95-3	Dibromomethane	ND	0.00256		mg/kg
75-71-8	Dichlorodifluoromethane	ND	0.00256		mg/kg
100-41-4	Ethylbenzene	ND	0.00256		mg/kg
87-68-3	Hexachlorobutadiene	ND	0.00256		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	0.00256		mg/kg
74-88-4	Methyl iodide	ND	0.00256		mg/kg
75-09-2	Methylene chloride	ND	0.00513		mg/kg
91-20-3	Naphthalene	ND	0.00256		mg/kg
100-42-5	Styrene	ND	0.00256		mg/kg
108-88-3	Toluene	ND	0.00256		mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235005	**SA-26 AT 15**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/29/2014 03:16	JCK	524446

CAS#	Parameter	Result	RDL	REG LIMIT	Units
79-01-6	**Trichloroethene**	**0.00521**	**0.00256**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	0.00256		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	0.00256		mg/kg
75-01-4	Vinyl chloride	ND	0.00256		mg/kg
1330-20-7	Xylene (total)	ND	0.00513		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	0.00256		mg/kg
136777-61-2	m,p-Xylene	ND	0.00256		mg/kg
104-51-8	n-Butylbenzene	ND	0.00256		mg/kg
103-65-1	n-Propylbenzene	ND	0.00256		mg/kg
95-47-6	o-Xylene	ND	0.00256		mg/kg
135-98-8	sec-Butylbenzene	ND	0.00256		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.00256		mg/kg
98-06-6	tert-Butylbenzene	ND	0.00256		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	0.00256		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	0.00256		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.00256		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.026	.027	mg/kg	105	62 - 127
1868-53-7	Dibromofluoromethane	.026	.027	mg/kg	103	65 - 130
2037-26-5	Toluene d8	.026	.027	mg/kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	.026	.027	mg/kg	104	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/30/2014 11:29	AMD	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	1,2-Dichloroethene(Total)	ND	0.047		mg/kg
127-18-4	Tetrachloroethene	ND	0.023		mg/kg
156-59-2	**cis-1,2-Dichloroethene**	**0.047**	**0.023**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1.17	1.12	mg/kg	96	62 - 127
1868-53-7	Dibromofluoromethane	1.17	1.16	mg/kg	99	65 - 130
2037-26-5	Toluene d8	1.17	1.13	mg/kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1.17	1.22	mg/kg	104	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235006	**SA-26 AT 30**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/29/2014 03:38	JCK	524446

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.00247		mg/kg
71-55-6	1,1,1-Trichloroethane	ND	0.00247		mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.00247		mg/kg
79-00-5	1,1,2-Trichloroethane	ND	0.00247		mg/kg
75-34-3	1,1-Dichloroethane	ND	0.00247		mg/kg
75-35-4	1,1-Dichloroethene	ND	0.00247		mg/kg
563-58-6	1,1-Dichloropropene	ND	0.00247		mg/kg
96-18-4	1,2,3-Trichloropropane	ND	0.00247		mg/kg
120-82-1	1,2,4-Trichlorobenzene	ND	0.00247		mg/kg
95-63-6	1,2,4-Trimethylbenzene	ND	0.00247		mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.00247		mg/kg
106-93-4	1,2-Dibromoethane	ND	0.00247		mg/kg
95-50-1	1,2-Dichlorobenzene	ND	0.00247		mg/kg
107-06-2	1,2-Dichloroethane	ND	0.00247		mg/kg
78-87-5	1,2-Dichloropropane	ND	0.00247		mg/kg
108-67-8	1,3,5-Trimethylbenzene	ND	0.00247		mg/kg
541-73-1	1,3-Dichlorobenzene	ND	0.00247		mg/kg
142-28-9	1,3-Dichloropropane	ND	0.00247		mg/kg
106-46-7	1,4-Dichlorobenzene	ND	0.00247		mg/kg
594-20-7	2,2-Dichloropropane	ND	0.00247		mg/kg
78-93-3	2-Butanone	ND	0.00247		mg/kg
95-49-8	2-Chlorotoluene	ND	0.00247		mg/kg
591-78-6	2-Hexanone	ND	0.00247		mg/kg
106-43-4	4-Chlorotoluene	ND	0.00247		mg/kg
99-87-6	4-Isopropyltoluene	ND	0.00247		mg/kg
108-10-1	4-Methyl-2-pentanone	ND	0.00247		mg/kg
67-64-1	Acetone	ND	0.012		mg/kg
71-43-2	Benzene	ND	0.00247		mg/kg
108-86-1	Bromobenzene	ND	0.00247		mg/kg
74-97-5	Bromochloromethane	ND	0.00247		mg/kg
75-27-4	Bromodichloromethane	ND	0.00247		mg/kg
75-25-2	Bromoform	ND	0.00247		mg/kg
74-83-9	Bromomethane	ND	0.00247		mg/kg
75-15-0	Carbon disulfide	ND	0.00247		mg/kg
56-23-5	Carbon tetrachloride	ND	0.00247		mg/kg
108-90-7	Chlorobenzene	ND	0.00247		mg/kg
75-00-3	Chloroethane	ND	0.00247		mg/kg
67-66-3	Chloroform	ND	0.00247		mg/kg
74-87-3	Chloromethane	ND	0.00247		mg/kg
124-48-1	Dibromochloromethane	ND	0.00247		mg/kg
74-95-3	Dibromomethane	ND	0.00247		mg/kg
75-71-8	Dichlorodifluoromethane	ND	0.00247		mg/kg
100-41-4	Ethylbenzene	ND	0.00247		mg/kg
87-68-3	Hexachlorobutadiene	ND	0.00247		mg/kg
98-82-8	Isopropylbenzene (Cumene)	ND	0.00247		mg/kg
74-88-4	Methyl iodide	ND	0.00247		mg/kg
75-09-2	Methylene chloride	ND	0.00495		mg/kg
91-20-3	Naphthalene	ND	0.00247		mg/kg
100-42-5	Styrene	ND	0.00247		mg/kg
127-18-4	**Tetrachloroethene**	**0.055**	**0.00247**		**mg/kg**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235006	**SA-26 AT 30**	Solid	01/21/2014 14:57	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	01/29/2014 03:38	JCK	524446

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	ND	0.00247		mg/kg
79-01-6	**Trichloroethene**	**0.00739**	**0.00247**		**mg/kg**
75-69-4	Trichlorofluoromethane	ND	0.00247		mg/kg
76-13-1	Trichlorotrifluoroethane	ND	0.00247		mg/kg
75-01-4	Vinyl chloride	ND	0.00247		mg/kg
1330-20-7	Xylene (total)	ND	0.00495		mg/kg
10061-01-5	cis-1,3-Dichloropropene	ND	0.00247		mg/kg
136777-61-2	m,p-Xylene	ND	0.00247		mg/kg
104-51-8	n-Butylbenzene	ND	0.00247		mg/kg
103-65-1	n-Propylbenzene	ND	0.00247		mg/kg
95-47-6	o-Xylene	ND	0.00247		mg/kg
135-98-8	sec-Butylbenzene	ND	0.00247		mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.00247		mg/kg
98-06-6	tert-Butylbenzene	ND	0.00247		mg/kg
156-60-5	trans-1,2-Dichloroethene	ND	0.00247		mg/kg
10061-02-6	trans-1,3-Dichloropropene	ND	0.00247		mg/kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.00247		mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.025	.027	mg/kg	109	62 - 127
1868-53-7	Dibromofluoromethane	.025	.025	mg/kg	102	65 - 130
2037-26-5	Toluene d8	.025	.026	mg/kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	.025	.026	mg/kg	105	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/30/2014 11:48	AMD	524504

CAS#	Parameter	Result	RDL	REG LIMIT	Units
540-59-0	**1,2-Dichloroethene(Total)**	**0.069**	**0.039**		**mg/kg**
156-59-2	**cis-1,2-Dichloroethene**	**0.069**	**0.020**		**mg/kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.981	.909	mg/kg	93	62 - 127
1868-53-7	Dibromofluoromethane	.981	.988	mg/kg	101	65 - 130
2037-26-5	Toluene d8	.981	.916	mg/kg	93	71 - 132
17060-07-0	1,2-Dichloroethane-d4	.981	1.06	mg/kg	108	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235007	**SA-27 AT 20**	Solid	01/21/2014 14:13	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10000	01/27/2014 15:14	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**296000**	**62500**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	625000	655000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	625000	634000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	625000	668000	ug/Kg	107	71 - 132
17060-07-0	1,2-Dichloroethane-d4	625000	626000	ug/Kg	100	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/27/2014 17:51	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	3130		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	3130		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	3130		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	3130		ug/Kg
75-34-3	1,1-Dichloroethane	ND	3130		ug/Kg
75-35-4	1,1-Dichloroethene	ND	3130		ug/Kg
563-58-6	1,1-Dichloropropene	ND	3130		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	3130		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	3130		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	3130		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	3130		ug/Kg
106-93-4	1,2-Dibromoethane	ND	3130		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	3130		ug/Kg
107-06-2	1,2-Dichloroethane	ND	3130		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	6250		ug/Kg
78-87-5	1,2-Dichloropropane	ND	3130		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	3130		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	3130		ug/Kg
142-28-9	1,3-Dichloropropane	ND	3130		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	3130		ug/Kg
594-20-7	2,2-Dichloropropane	ND	3130		ug/Kg
78-93-3	2-Butanone	ND	3130		ug/Kg
95-49-8	2-Chlorotoluene	ND	3130		ug/Kg
591-78-6	2-Hexanone	ND	3130		ug/Kg
106-43-4	4-Chlorotoluene	ND	3130		ug/Kg
99-87-6	4-Isopropyltoluene	ND	3130		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	3130		ug/Kg
67-64-1	Acetone	ND	15600		ug/Kg
71-43-2	Benzene	ND	3130		ug/Kg
108-86-1	Bromobenzene	ND	3130		ug/Kg
74-97-5	Bromochloromethane	ND	3130		ug/Kg
75-27-4	Bromodichloromethane	ND	3130		ug/Kg
75-25-2	Bromoform	ND	3130		ug/Kg
74-83-9	Bromomethane	ND	3130		ug/Kg
75-15-0	Carbon disulfide	ND	3130		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235007	**SA-27 AT 20**	Solid	01/21/2014 14:13	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/27/2014 17:51	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	3130		ug/Kg
108-90-7	Chlorobenzene	ND	3130		ug/Kg
75-00-3	Chloroethane	ND	3130		ug/Kg
67-66-3	Chloroform	ND	3130		ug/Kg
74-87-3	Chloromethane	ND	3130		ug/Kg
124-48-1	Dibromochloromethane	ND	3130		ug/Kg
74-95-3	Dibromomethane	ND	3130		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	3130		ug/Kg
100-41-4	Ethylbenzene	ND	3130		ug/Kg
87-68-3	Hexachlorobutadiene	ND	3130		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	3130		ug/Kg
74-88-4	Methyl iodide	ND	3130		ug/Kg
75-09-2	Methylene chloride	ND	6250		ug/Kg
91-20-3	Naphthalene	ND	3130		ug/Kg
100-42-5	Styrene	ND	3130		ug/Kg
108-88-3	Toluene	ND	3130		ug/Kg
79-01-6	**Trichloroethene**	**3210**	**3130**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	3130		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	3130		ug/Kg
75-01-4	Vinyl chloride	ND	3130		ug/Kg
1330-20-7	Xylene (total)	ND	6250		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	3130		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	3130		ug/Kg
136777-61-2	m,p-Xylene	ND	3130		ug/Kg
104-51-8	n-Butylbenzene	ND	3130		ug/Kg
103-65-1	n-Propylbenzene	ND	3130		ug/Kg
95-47-6	o-Xylene	ND	3130		ug/Kg
135-98-8	sec-Butylbenzene	ND	3130		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	3130		ug/Kg
98-06-6	tert-Butylbenzene	ND	3130		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	3130		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	3130		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	3130		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	31300	33100	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	31300	31500	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	31300	32500	ug/Kg	104	71 - 132
17060-07-0	1,2-Dichloroethane-d4	31300	31200	ug/Kg	100	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235008	**SA-27 AT 30**	Solid	01/21/2014 14:13	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2000	01/27/2014 15:36	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**82500**	**10400**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	104000	110000	ug/Kg	105	62 - 127
1868-53-7	Dibromofluoromethane	104000	107000	ug/Kg	103	65 - 130
2037-26-5	Toluene d8	104000	111000	ug/Kg	106	71 - 132
17060-07-0	1,2-Dichloroethane-d4	104000	105000	ug/Kg	101	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/27/2014 18:13	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	1040		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	1040		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	1040		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	1040		ug/Kg
75-34-3	1,1-Dichloroethane	ND	1040		ug/Kg
75-35-4	1,1-Dichloroethene	ND	1040		ug/Kg
563-58-6	1,1-Dichloropropene	ND	1040		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	1040		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	1040		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	1040		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	1040		ug/Kg
106-93-4	1,2-Dibromoethane	ND	1040		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	1040		ug/Kg
107-06-2	1,2-Dichloroethane	ND	1040		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	2090		ug/Kg
78-87-5	1,2-Dichloropropane	ND	1040		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	1040		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	1040		ug/Kg
142-28-9	1,3-Dichloropropane	ND	1040		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	1040		ug/Kg
594-20-7	2,2-Dichloropropane	ND	1040		ug/Kg
78-93-3	2-Butanone	ND	1040		ug/Kg
95-49-8	2-Chlorotoluene	ND	1040		ug/Kg
591-78-6	2-Hexanone	ND	1040		ug/Kg
106-43-4	4-Chlorotoluene	ND	1040		ug/Kg
99-87-6	4-Isopropyltoluene	ND	1040		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	1040		ug/Kg
67-64-1	Acetone	ND	5220		ug/Kg
71-43-2	Benzene	ND	1040		ug/Kg
108-86-1	Bromobenzene	ND	1040		ug/Kg
74-97-5	Bromochloromethane	ND	1040		ug/Kg
75-27-4	Bromodichloromethane	ND	1040		ug/Kg
75-25-2	Bromoform	ND	1040		ug/Kg
74-83-9	Bromomethane	ND	1040		ug/Kg
75-15-0	Carbon disulfide	ND	1040		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235008	**SA-27 AT 30**	Solid	01/21/2014 14:13	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	01/27/2014 18:13	CEK	524291

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	1040		ug/Kg
108-90-7	Chlorobenzene	ND	1040		ug/Kg
75-00-3	Chloroethane	ND	1040		ug/Kg
67-66-3	Chloroform	ND	1040		ug/Kg
74-87-3	Chloromethane	ND	1040		ug/Kg
124-48-1	Dibromochloromethane	ND	1040		ug/Kg
74-95-3	Dibromomethane	ND	1040		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	1040		ug/Kg
100-41-4	Ethylbenzene	ND	1040		ug/Kg
87-68-3	Hexachlorobutadiene	ND	1040		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	1040		ug/Kg
74-88-4	Methyl iodide	ND	1040		ug/Kg
75-09-2	Methylene chloride	ND	2090		ug/Kg
91-20-3	Naphthalene	ND	1040		ug/Kg
100-42-5	Styrene	ND	1040		ug/Kg
108-88-3	Toluene	ND	1040		ug/Kg
79-01-6	Trichloroethene	ND	1040		ug/Kg
75-69-4	Trichlorofluoromethane	ND	1040		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	1040		ug/Kg
75-01-4	Vinyl chloride	ND	1040		ug/Kg
1330-20-7	Xylene (total)	ND	2090		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	1040		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	1040		ug/Kg
136777-61-2	m,p-Xylene	ND	1040		ug/Kg
104-51-8	n-Butylbenzene	ND	1040		ug/Kg
103-65-1	n-Propylbenzene	ND	1040		ug/Kg
95-47-6	o-Xylene	ND	1040		ug/Kg
135-98-8	sec-Butylbenzene	ND	1040		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	1040		ug/Kg
98-06-6	tert-Butylbenzene	ND	1040		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	1040		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	1040		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	1040		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	10400	11100	ug/Kg	106	62 - 127
1868-53-7	Dibromofluoromethane	10400	10600	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	10400	10600	ug/Kg	102	71 - 132
17060-07-0	1,2-Dichloroethane-d4	10400	10600	ug/Kg	102	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235009	**SA-28 AT 10**	Solid	01/21/2014 13:37	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200000	01/27/2014 17:18	LBH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**16800000**	**732000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	7320000	6590000	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	7320000	7290000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	7320000	7150000	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	7320000	7770000	ug/Kg	106	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 17:37	LBH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	73200		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	73200		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	73200		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	73200		ug/Kg
75-34-3	1,1-Dichloroethane	ND	73200		ug/Kg
75-35-4	1,1-Dichloroethene	ND	73200		ug/Kg
563-58-6	1,1-Dichloropropene	ND	73200		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	73200		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	73200		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	73200		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	73200		ug/Kg
106-93-4	1,2-Dibromoethane	ND	73200		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	73200		ug/Kg
107-06-2	1,2-Dichloroethane	ND	73200		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	146000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	73200		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	73200		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	73200		ug/Kg
142-28-9	1,3-Dichloropropane	ND	73200		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	73200		ug/Kg
594-20-7	2,2-Dichloropropane	ND	73200		ug/Kg
78-93-3	2-Butanone	ND	73200		ug/Kg
95-49-8	2-Chlorotoluene	ND	73200		ug/Kg
591-78-6	2-Hexanone	ND	73200		ug/Kg
106-43-4	4-Chlorotoluene	ND	73200		ug/Kg
99-87-6	4-Isopropyltoluene	ND	73200		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	73200		ug/Kg
67-64-1	Acetone	ND	366000		ug/Kg
71-43-2	Benzene	ND	73200		ug/Kg
108-86-1	Bromobenzene	ND	73200		ug/Kg
74-97-5	Bromochloromethane	ND	73200		ug/Kg
75-27-4	Bromodichloromethane	ND	73200		ug/Kg
75-25-2	Bromoform	ND	73200		ug/Kg
74-83-9	Bromomethane	ND	73200		ug/Kg
75-15-0	Carbon disulfide	ND	73200		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235009	**SA-28 AT 10**	Solid	01/21/2014 13:37	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20000	01/27/2014 17:37	LBH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	73200		ug/Kg
108-90-7	Chlorobenzene	ND	73200		ug/Kg
75-00-3	Chloroethane	ND	73200		ug/Kg
67-66-3	Chloroform	ND	73200		ug/Kg
74-87-3	Chloromethane	ND	73200		ug/Kg
124-48-1	Dibromochloromethane	ND	73200		ug/Kg
74-95-3	Dibromomethane	ND	73200		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	73200		ug/Kg
100-41-4	Ethylbenzene	ND	73200		ug/Kg
87-68-3	Hexachlorobutadiene	ND	73200		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	73200		ug/Kg
74-88-4	Methyl iodide	ND	73200		ug/Kg
75-09-2	Methylene chloride	ND	146000		ug/Kg
91-20-3	Naphthalene	ND	73200		ug/Kg
100-42-5	Styrene	ND	73200		ug/Kg
108-88-3	Toluene	ND	73200		ug/Kg
79-01-6	**Trichloroethene**	**837000**	**73200**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	73200		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	73200		ug/Kg
75-01-4	Vinyl chloride	ND	73200		ug/Kg
1330-20-7	Xylene (total)	ND	146000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	73200		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	73200		ug/Kg
136777-61-2	m,p-Xylene	ND	73200		ug/Kg
104-51-8	n-Butylbenzene	ND	73200		ug/Kg
103-65-1	n-Propylbenzene	ND	73200		ug/Kg
95-47-6	o-Xylene	ND	73200		ug/Kg
135-98-8	sec-Butylbenzene	ND	73200		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	73200		ug/Kg
98-06-6	tert-Butylbenzene	ND	73200		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	73200		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	73200		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	73200		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	732000	651000	ug/Kg	89	62 - 127
1868-53-7	Dibromofluoromethane	732000	723000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	732000	707000	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	732000	775000	ug/Kg	106	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235010	**SA-28 AT 30**	Solid	01/21/2014 13:37	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/27/2014 18:17	LBH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**736000**	**117000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1170000	1050000	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	1170000	1190000	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	1170000	1140000	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1170000	1270000	ug/Kg	109	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 18:37	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	11700		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	11700		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	11700		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	11700		ug/Kg
75-34-3	1,1-Dichloroethane	ND	11700		ug/Kg
75-35-4	1,1-Dichloroethene	ND	11700		ug/Kg
563-58-6	1,1-Dichloropropene	ND	11700		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	11700		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	11700		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	11700		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	11700		ug/Kg
106-93-4	1,2-Dibromoethane	ND	11700		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	11700		ug/Kg
107-06-2	1,2-Dichloroethane	ND	11700		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	23300		ug/Kg
78-87-5	1,2-Dichloropropane	ND	11700		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	11700		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	11700		ug/Kg
142-28-9	1,3-Dichloropropane	ND	11700		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	11700		ug/Kg
594-20-7	2,2-Dichloropropane	ND	11700		ug/Kg
78-93-3	2-Butanone	ND	11700		ug/Kg
95-49-8	2-Chlorotoluene	ND	11700		ug/Kg
591-78-6	2-Hexanone	ND	11700		ug/Kg
106-43-4	4-Chlorotoluene	ND	11700		ug/Kg
99-87-6	4-Isopropyltoluene	ND	11700		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	11700		ug/Kg
67-64-1	Acetone	ND	58300		ug/Kg
71-43-2	Benzene	ND	11700		ug/Kg
108-86-1	Bromobenzene	ND	11700		ug/Kg
74-97-5	Bromochloromethane	ND	11700		ug/Kg
75-27-4	Bromodichloromethane	ND	11700		ug/Kg
75-25-2	Bromoform	ND	11700		ug/Kg
74-83-9	Bromomethane	ND	11700		ug/Kg
75-15-0	Carbon disulfide	ND	11700		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235010	**SA-28 AT 30**	Solid	01/21/2014 13:37	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 18:37	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	11700		ug/Kg
108-90-7	Chlorobenzene	ND	11700		ug/Kg
75-00-3	Chloroethane	ND	11700		ug/Kg
67-66-3	Chloroform	ND	11700		ug/Kg
74-87-3	Chloromethane	ND	11700		ug/Kg
124-48-1	Dibromochloromethane	ND	11700		ug/Kg
74-95-3	Dibromomethane	ND	11700		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	11700		ug/Kg
100-41-4	Ethylbenzene	ND	11700		ug/Kg
87-68-3	Hexachlorobutadiene	ND	11700		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	11700		ug/Kg
74-88-4	Methyl iodide	ND	11700		ug/Kg
75-09-2	Methylene chloride	ND	23300		ug/Kg
91-20-3	Naphthalene	ND	11700		ug/Kg
100-42-5	Styrene	ND	11700		ug/Kg
108-88-3	Toluene	ND	11700		ug/Kg
79-01-6	Trichloroethene	ND	11700		ug/Kg
75-69-4	Trichlorofluoromethane	ND	11700		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	11700		ug/Kg
75-01-4	Vinyl chloride	ND	11700		ug/Kg
1330-20-7	Xylene (total)	ND	23300		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	11700		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	11700		ug/Kg
136777-61-2	m,p-Xylene	ND	11700		ug/Kg
104-51-8	n-Butylbenzene	ND	11700		ug/Kg
103-65-1	n-Propylbenzene	ND	11700		ug/Kg
95-47-6	o-Xylene	ND	11700		ug/Kg
135-98-8	sec-Butylbenzene	ND	11700		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	11700		ug/Kg
98-06-6	tert-Butylbenzene	ND	11700		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	11700		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	11700		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	11700		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	117000	106000	ug/Kg	91	62 - 127
1868-53-7	Dibromofluoromethane	117000	119000	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	117000	112000	ug/Kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	117000	124000	ug/Kg	106	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235011	**SA-29 AT 20**	Solid	01/21/2014 11:30	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/27/2014 19:16	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**884000**	**140000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1400000	1260000	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	1400000	1420000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	1400000	1350000	ug/Kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1400000	1510000	ug/Kg	108	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 19:36	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	14000		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	14000		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	14000		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	14000		ug/Kg
75-34-3	1,1-Dichloroethane	ND	14000		ug/Kg
75-35-4	1,1-Dichloroethene	ND	14000		ug/Kg
563-58-6	1,1-Dichloropropene	ND	14000		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	14000		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	14000		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	14000		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	14000		ug/Kg
106-93-4	1,2-Dibromoethane	ND	14000		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	14000		ug/Kg
107-06-2	1,2-Dichloroethane	ND	14000		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	28000		ug/Kg
78-87-5	1,2-Dichloropropane	ND	14000		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	14000		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	14000		ug/Kg
142-28-9	1,3-Dichloropropane	ND	14000		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	14000		ug/Kg
594-20-7	2,2-Dichloropropane	ND	14000		ug/Kg
78-93-3	2-Butanone	ND	14000		ug/Kg
95-49-8	2-Chlorotoluene	ND	14000		ug/Kg
591-78-6	2-Hexanone	ND	14000		ug/Kg
106-43-4	4-Chlorotoluene	ND	14000		ug/Kg
99-87-6	4-Isopropyltoluene	ND	14000		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	14000		ug/Kg
67-64-1	Acetone	ND	70000		ug/Kg
71-43-2	Benzene	ND	14000		ug/Kg
108-86-1	Bromobenzene	ND	14000		ug/Kg
74-97-5	Bromochloromethane	ND	14000		ug/Kg
75-27-4	Bromodichloromethane	ND	14000		ug/Kg
75-25-2	Bromoform	ND	14000		ug/Kg
74-83-9	Bromomethane	ND	14000		ug/Kg
75-15-0	Carbon disulfide	ND	14000		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235011	**SA-29 AT 20**	Solid	01/21/2014 11:30	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 19:36	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	14000		ug/Kg
108-90-7	Chlorobenzene	ND	14000		ug/Kg
75-00-3	Chloroethane	ND	14000		ug/Kg
67-66-3	Chloroform	ND	14000		ug/Kg
74-87-3	Chloromethane	ND	14000		ug/Kg
124-48-1	Dibromochloromethane	ND	14000		ug/Kg
74-95-3	Dibromomethane	ND	14000		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	14000		ug/Kg
100-41-4	Ethylbenzene	ND	14000		ug/Kg
87-68-3	Hexachlorobutadiene	ND	14000		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	14000		ug/Kg
74-88-4	Methyl iodide	ND	14000		ug/Kg
75-09-2	Methylene chloride	ND	28000		ug/Kg
91-20-3	Naphthalene	ND	14000		ug/Kg
100-42-5	Styrene	ND	14000		ug/Kg
108-88-3	Toluene	ND	14000		ug/Kg
79-01-6	Trichloroethene	ND	14000		ug/Kg
75-69-4	Trichlorofluoromethane	ND	14000		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	14000		ug/Kg
75-01-4	Vinyl chloride	ND	14000		ug/Kg
1330-20-7	Xylene (total)	ND	28000		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	14000		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	14000		ug/Kg
136777-61-2	m,p-Xylene	ND	14000		ug/Kg
104-51-8	n-Butylbenzene	ND	14000		ug/Kg
103-65-1	n-Propylbenzene	ND	14000		ug/Kg
95-47-6	o-Xylene	ND	14000		ug/Kg
135-98-8	sec-Butylbenzene	ND	14000		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	14000		ug/Kg
98-06-6	tert-Butylbenzene	ND	14000		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	14000		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	14000		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	14000		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	140000	127000	ug/Kg	91	62 - 127
1868-53-7	Dibromofluoromethane	140000	143000	ug/Kg	102	65 - 130
2037-26-5	Toluene d8	140000	136000	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	140000	153000	ug/Kg	109	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235012	**SA-29 AT 30**	Solid	01/21/2014 11:30	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/27/2014 20:35	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	132		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	132		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	132		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	132		ug/Kg
75-34-3	1,1-Dichloroethane	ND	132		ug/Kg
75-35-4	1,1-Dichloroethene	ND	132		ug/Kg
563-58-6	1,1-Dichloropropene	ND	132		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	132		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	132		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	132		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	132		ug/Kg
106-93-4	1,2-Dibromoethane	ND	132		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	132		ug/Kg
107-06-2	1,2-Dichloroethane	ND	132		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	263		ug/Kg
78-87-5	1,2-Dichloropropane	ND	132		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	132		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	132		ug/Kg
142-28-9	1,3-Dichloropropane	ND	132		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	132		ug/Kg
594-20-7	2,2-Dichloropropane	ND	132		ug/Kg
78-93-3	**2-Butanone**	**178**	**132**		**ug/Kg**
95-49-8	2-Chlorotoluene	ND	132		ug/Kg
591-78-6	2-Hexanone	ND	132		ug/Kg
106-43-4	4-Chlorotoluene	ND	132		ug/Kg
99-87-6	4-Isopropyltoluene	ND	132		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	132		ug/Kg
67-64-1	**Acetone**	**1500**	**659**		**ug/Kg**
71-43-2	Benzene	ND	132		ug/Kg
108-86-1	Bromobenzene	ND	132		ug/Kg
74-97-5	Bromochloromethane	ND	132		ug/Kg
75-27-4	Bromodichloromethane	ND	132		ug/Kg
75-25-2	Bromoform	ND	132		ug/Kg
74-83-9	Bromomethane	ND	132		ug/Kg
75-15-0	Carbon disulfide	ND	132		ug/Kg
56-23-5	Carbon tetrachloride	ND	132		ug/Kg
108-90-7	Chlorobenzene	ND	132		ug/Kg
75-00-3	Chloroethane	ND	132		ug/Kg
67-66-3	Chloroform	ND	132		ug/Kg
74-87-3	Chloromethane	ND	132		ug/Kg
124-48-1	Dibromochloromethane	ND	132		ug/Kg
74-95-3	Dibromomethane	ND	132		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	132		ug/Kg
100-41-4	Ethylbenzene	ND	132		ug/Kg
87-68-3	Hexachlorobutadiene	ND	132		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	132		ug/Kg
74-88-4	Methyl iodide	ND	132		ug/Kg
75-09-2	Methylene chloride	ND	263		ug/Kg
91-20-3	Naphthalene	ND	132		ug/Kg
100-42-5	Styrene	ND	132		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235012	**SA-29 AT 30**	Solid	01/21/2014 11:30	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/27/2014 20:35	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**693**	**132**		**ug/Kg**
108-88-3	Toluene	ND	132		ug/Kg
79-01-6	Trichloroethene	ND	132		ug/Kg
75-69-4	Trichlorofluoromethane	ND	132		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	132		ug/Kg
75-01-4	Vinyl chloride	ND	132		ug/Kg
1330-20-7	Xylene (total)	ND	263		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	132		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	132		ug/Kg
136777-61-2	m,p-Xylene	ND	132		ug/Kg
104-51-8	n-Butylbenzene	ND	132		ug/Kg
103-65-1	n-Propylbenzene	ND	132		ug/Kg
95-47-6	o-Xylene	ND	132		ug/Kg
135-98-8	sec-Butylbenzene	ND	132		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	132		ug/Kg
98-06-6	tert-Butylbenzene	ND	132		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	132		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	132		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	132		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1320	1220	ug/Kg	93	62 - 127
1868-53-7	Dibromofluoromethane	1320	1310	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	1320	1280	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1320	1420	ug/Kg	108	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235013	**SA-30 AT 15**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/27/2014 21:15	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**7950000**	**231000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2310000	2080000	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	2310000	2300000	ug/Kg	99	65 - 130
2037-26-5	Toluene d8	2310000	2260000	ug/Kg	98	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2310000	2540000	ug/Kg	110	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 21:35	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	23100		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	23100		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	23100		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	23100		ug/Kg
75-34-3	1,1-Dichloroethane	ND	23100		ug/Kg
75-35-4	1,1-Dichloroethene	ND	23100		ug/Kg
563-58-6	1,1-Dichloropropene	ND	23100		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	23100		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	23100		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	23100		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	23100		ug/Kg
106-93-4	1,2-Dibromoethane	ND	23100		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	23100		ug/Kg
107-06-2	1,2-Dichloroethane	ND	23100		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	46300		ug/Kg
78-87-5	1,2-Dichloropropane	ND	23100		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	23100		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	23100		ug/Kg
142-28-9	1,3-Dichloropropane	ND	23100		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	23100		ug/Kg
594-20-7	2,2-Dichloropropane	ND	23100		ug/Kg
78-93-3	2-Butanone	ND	23100		ug/Kg
95-49-8	2-Chlorotoluene	ND	23100		ug/Kg
591-78-6	2-Hexanone	ND	23100		ug/Kg
106-43-4	4-Chlorotoluene	ND	23100		ug/Kg
99-87-6	4-Isopropyltoluene	ND	23100		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	23100		ug/Kg
67-64-1	Acetone	ND	116000		ug/Kg
71-43-2	Benzene	ND	23100		ug/Kg
108-86-1	Bromobenzene	ND	23100		ug/Kg
74-97-5	Bromochloromethane	ND	23100		ug/Kg
75-27-4	Bromodichloromethane	ND	23100		ug/Kg
75-25-2	Bromoform	ND	23100		ug/Kg
74-83-9	Bromomethane	ND	23100		ug/Kg
75-15-0	Carbon disulfide	ND	23100		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235013	**SA-30 AT 15**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 21:35	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	23100		ug/Kg
108-90-7	Chlorobenzene	ND	23100		ug/Kg
75-00-3	Chloroethane	ND	23100		ug/Kg
67-66-3	Chloroform	ND	23100		ug/Kg
74-87-3	Chloromethane	ND	23100		ug/Kg
124-48-1	Dibromochloromethane	ND	23100		ug/Kg
74-95-3	Dibromomethane	ND	23100		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	23100		ug/Kg
100-41-4	Ethylbenzene	ND	23100		ug/Kg
87-68-3	Hexachlorobutadiene	ND	23100		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	23100		ug/Kg
74-88-4	Methyl iodide	ND	23100		ug/Kg
75-09-2	Methylene chloride	ND	46300		ug/Kg
91-20-3	Naphthalene	ND	23100		ug/Kg
100-42-5	Styrene	ND	23100		ug/Kg
108-88-3	Toluene	ND	23100		ug/Kg
79-01-6	**Trichloroethene**	**63700**	**23100**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	23100		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	23100		ug/Kg
75-01-4	Vinyl chloride	ND	23100		ug/Kg
1330-20-7	Xylene (total)	ND	46300		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	23100		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	23100		ug/Kg
136777-61-2	m,p-Xylene	ND	23100		ug/Kg
104-51-8	n-Butylbenzene	ND	23100		ug/Kg
103-65-1	n-Propylbenzene	ND	23100		ug/Kg
95-47-6	o-Xylene	ND	23100		ug/Kg
135-98-8	sec-Butylbenzene	ND	23100		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	23100		ug/Kg
98-06-6	tert-Butylbenzene	ND	23100		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	23100		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	23100		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	23100		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	231000	208000	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	231000	232000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	231000	220000	ug/Kg	95	71 - 132
17060-07-0	1,2-Dichloroethane-d4	231000	256000	ug/Kg	111	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235014	**SA-30 AT 30**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	01/29/2014 00:53	JCK	524388

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**9690**	**2600**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	26000	23700	ug/Kg	91	62 - 127
1868-53-7	Dibromofluoromethane	26000	26100	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	26000	24900	ug/Kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	26000	27700	ug/Kg	107	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/29/2014 01:15	JCK	524388

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	260		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	260		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	260		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	260		ug/Kg
75-34-3	1,1-Dichloroethane	ND	260		ug/Kg
75-35-4	1,1-Dichloroethene	ND	260		ug/Kg
563-58-6	1,1-Dichloropropene	ND	260		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	260		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	260		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	260		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	260		ug/Kg
106-93-4	1,2-Dibromoethane	ND	260		ug/Kg
95-50-1	1,2-Dichlorobenzene	ND	260		ug/Kg
107-06-2	1,2-Dichloroethane	ND	260		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	520		ug/Kg
78-87-5	1,2-Dichloropropane	ND	260		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	260		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	260		ug/Kg
142-28-9	1,3-Dichloropropane	ND	260		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	260		ug/Kg
594-20-7	2,2-Dichloropropane	ND	260		ug/Kg
78-93-3	2-Butanone	ND	260		ug/Kg
95-49-8	2-Chlorotoluene	ND	260		ug/Kg
591-78-6	2-Hexanone	ND	260		ug/Kg
106-43-4	4-Chlorotoluene	ND	260		ug/Kg
99-87-6	4-Isopropyltoluene	ND	260		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	260		ug/Kg
67-64-1	**Acetone**	**2910**	**1300**		**ug/Kg**
71-43-2	Benzene	ND	260		ug/Kg
108-86-1	Bromobenzene	ND	260		ug/Kg
74-97-5	Bromochloromethane	ND	260		ug/Kg
75-27-4	Bromodichloromethane	ND	260		ug/Kg
75-25-2	Bromoform	ND	260		ug/Kg
74-83-9	Bromomethane	ND	260		ug/Kg
75-15-0	Carbon disulfide	ND	260		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235014	**SA-30 AT 30**	Solid	01/21/2014 11:00	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	01/29/2014 01:15	JCK	524388

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	260		ug/Kg
108-90-7	Chlorobenzene	ND	260		ug/Kg
75-00-3	Chloroethane	ND	260		ug/Kg
67-66-3	Chloroform	ND	260		ug/Kg
74-87-3	Chloromethane	ND	260		ug/Kg
124-48-1	Dibromochloromethane	ND	260		ug/Kg
74-95-3	Dibromomethane	ND	260		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	260		ug/Kg
100-41-4	Ethylbenzene	ND	260		ug/Kg
87-68-3	Hexachlorobutadiene	ND	260		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	260		ug/Kg
74-88-4	Methyl iodide	ND	260		ug/Kg
75-09-2	Methylene chloride	ND	520		ug/Kg
91-20-3	Naphthalene	ND	260		ug/Kg
100-42-5	Styrene	ND	260		ug/Kg
108-88-3	Toluene	ND	260		ug/Kg
79-01-6	Trichloroethene	ND	260		ug/Kg
75-69-4	Trichlorofluoromethane	ND	260		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	260		ug/Kg
75-01-4	Vinyl chloride	ND	260		ug/Kg
1330-20-7	Xylene (total)	ND	520		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	260		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	260		ug/Kg
136777-61-2	m,p-Xylene	ND	260		ug/Kg
104-51-8	n-Butylbenzene	ND	260		ug/Kg
103-65-1	n-Propylbenzene	ND	260		ug/Kg
95-47-6	o-Xylene	ND	260		ug/Kg
135-98-8	sec-Butylbenzene	ND	260		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	260		ug/Kg
98-06-6	tert-Butylbenzene	ND	260		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	260		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	260		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	260		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2600	2480	ug/Kg	95	62 - 127
1868-53-7	Dibromofluoromethane	2600	2530	ug/Kg	97	65 - 130
2037-26-5	Toluene d8	2600	2510	ug/Kg	97	71 - 132
17060-07-0	1,2-Dichloroethane-d4	2600	2720	ug/Kg	105	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235018	**SA-17 AT 30**	Solid	01/20/2014 11:41	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50000	01/27/2014 23:15	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	**Tetrachloroethene**	**834000**	**119000**		**ug/Kg**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	1190000	1090000	ug/Kg	91	62 - 127
1868-53-7	Dibromofluoromethane	1190000	1210000	ug/Kg	101	65 - 130
2037-26-5	Toluene d8	1190000	1140000	ug/Kg	96	71 - 132
17060-07-0	1,2-Dichloroethane-d4	1190000	1290000	ug/Kg	108	62 - 125

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 23:35	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	ND	11900		ug/Kg
71-55-6	1,1,1-Trichloroethane	ND	11900		ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	ND	11900		ug/Kg
79-00-5	1,1,2-Trichloroethane	ND	11900		ug/Kg
75-34-3	1,1-Dichloroethane	ND	11900		ug/Kg
75-35-4	1,1-Dichloroethene	ND	11900		ug/Kg
563-58-6	1,1-Dichloropropene	ND	11900		ug/Kg
96-18-4	1,2,3-Trichloropropane	ND	11900		ug/Kg
120-82-1	1,2,4-Trichlorobenzene	ND	11900		ug/Kg
95-63-6	1,2,4-Trimethylbenzene	ND	11900		ug/Kg
96-12-8	1,2-Dibromo-3-chloropropane	ND	11900		ug/Kg
106-93-4	1,2-Dibromoethane	ND	11900		ug/Kg
95-50-1	**1,2-Dichlorobenzene**	**18800**	**11900**		**ug/Kg**
107-06-2	1,2-Dichloroethane	ND	11900		ug/Kg
540-59-0	1,2-Dichloroethene(Total)	ND	23900		ug/Kg
78-87-5	1,2-Dichloropropane	ND	11900		ug/Kg
108-67-8	1,3,5-Trimethylbenzene	ND	11900		ug/Kg
541-73-1	1,3-Dichlorobenzene	ND	11900		ug/Kg
142-28-9	1,3-Dichloropropane	ND	11900		ug/Kg
106-46-7	1,4-Dichlorobenzene	ND	11900		ug/Kg
594-20-7	2,2-Dichloropropane	ND	11900		ug/Kg
78-93-3	2-Butanone	ND	11900		ug/Kg
95-49-8	2-Chlorotoluene	ND	11900		ug/Kg
591-78-6	2-Hexanone	ND	11900		ug/Kg
106-43-4	4-Chlorotoluene	ND	11900		ug/Kg
99-87-6	4-Isopropyltoluene	ND	11900		ug/Kg
108-10-1	4-Methyl-2-pentanone	ND	11900		ug/Kg
67-64-1	Acetone	ND	59600		ug/Kg
71-43-2	Benzene	ND	11900		ug/Kg
108-86-1	Bromobenzene	ND	11900		ug/Kg
74-97-5	Bromochloromethane	ND	11900		ug/Kg
75-27-4	Bromodichloromethane	ND	11900		ug/Kg
75-25-2	Bromoform	ND	11900		ug/Kg
74-83-9	Bromomethane	ND	11900		ug/Kg
75-15-0	Carbon disulfide	ND	11900		ug/Kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21401235018	**SA-17 AT 30**	Solid	01/20/2014 11:41	01/23/2014 09:45

EPA 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5000	01/27/2014 23:35	CLH	524354

CAS#	Parameter	Result	RDL	REG LIMIT	Units
56-23-5	Carbon tetrachloride	ND	11900		ug/Kg
108-90-7	Chlorobenzene	ND	11900		ug/Kg
75-00-3	Chloroethane	ND	11900		ug/Kg
67-66-3	Chloroform	ND	11900		ug/Kg
74-87-3	Chloromethane	ND	11900		ug/Kg
124-48-1	Dibromochloromethane	ND	11900		ug/Kg
74-95-3	Dibromomethane	ND	11900		ug/Kg
75-71-8	Dichlorodifluoromethane	ND	11900		ug/Kg
100-41-4	Ethylbenzene	ND	11900		ug/Kg
87-68-3	Hexachlorobutadiene	ND	11900		ug/Kg
98-82-8	Isopropylbenzene (Cumene)	ND	11900		ug/Kg
74-88-4	Methyl iodide	ND	11900		ug/Kg
75-09-2	Methylene chloride	ND	23900		ug/Kg
91-20-3	Naphthalene	ND	11900		ug/Kg
100-42-5	Styrene	ND	11900		ug/Kg
108-88-3	Toluene	ND	11900		ug/Kg
79-01-6	**Trichloroethene**	**13600**	**11900**		**ug/Kg**
75-69-4	Trichlorofluoromethane	ND	11900		ug/Kg
76-13-1	Trichlorotrifluoroethane	ND	11900		ug/Kg
75-01-4	Vinyl chloride	ND	11900		ug/Kg
1330-20-7	Xylene (total)	ND	23900		ug/Kg
156-59-2	cis-1,2-Dichloroethene	ND	11900		ug/Kg
10061-01-5	cis-1,3-Dichloropropene	ND	11900		ug/Kg
136777-61-2	m,p-Xylene	ND	11900		ug/Kg
104-51-8	n-Butylbenzene	ND	11900		ug/Kg
103-65-1	n-Propylbenzene	ND	11900		ug/Kg
95-47-6	o-Xylene	ND	11900		ug/Kg
135-98-8	sec-Butylbenzene	ND	11900		ug/Kg
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	11900		ug/Kg
98-06-6	tert-Butylbenzene	ND	11900		ug/Kg
156-60-5	trans-1,2-Dichloroethene	ND	11900		ug/Kg
10061-02-6	trans-1,3-Dichloropropene	ND	11900		ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	ND	11900		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	119000	107000	ug/Kg	90	62 - 127
1868-53-7	Dibromofluoromethane	119000	119000	ug/Kg	100	65 - 130
2037-26-5	Toluene d8	119000	112000	ug/Kg	94	71 - 132
17060-07-0	1,2-Dichloroethane-d4	119000	134000	ug/Kg	112	62 - 125

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	524291	**Client ID**	MB524291			LCS524291			LCSD524291		
Prep Batch	N/A	**GCAL ID**	1277172			1277173			1277174		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 08:26			01/27/2014 06:56			01/27/2014 07:19		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	ND	1250	2500	2110	84	38 - 152	2300	92	9	30
74-97-5	Bromochloromethane	ND	250	2500	2520	101	73 - 127	2460	98	2	30
75-27-4	Bromodichloromethane	ND	250	2500	2300	92	74 - 126	2290	92	0	30
75-25-2	Bromoform	ND	250	2500	2650	106	67 - 122	2680	107	1	30
74-83-9	Bromomethane	ND	250	2500	2020	81	48 - 139	2250	90	11	30
75-15-0	Carbon disulfide	ND	250	2500	2390	96	68 - 133	2170	87	10	30
56-23-5	Carbon tetrachloride	ND	250	2500	2330	93	71 - 133	2250	90	3	30
75-00-3	Chloroethane	ND	250	2500	2160	86	57 - 144	2100	84	3	30
136777-61-2	m,p-Xylene	ND	250	5000	5430	109	72 - 128	5140	103	5	30
67-66-3	Chloroform	ND	250	2500	2230	89	74 - 124	2170	87	3	30
74-87-3	Chloromethane	ND	250	2500	1880	75	61 - 130	1890	76	1	30
124-48-1	Dibromochloromethane	ND	250	2500	2570	103	74 - 122	2550	102	1	30
74-95-3	Dibromomethane	ND	250	2500	2360	94	72 - 125	2380	95	1	30
75-71-8	Dichlorodifluoromethane	ND	250	2500	2110	84	59 - 138	1980	79	6	30
75-34-3	1,1-Dichloroethane	ND	250	2500	2230	89	71 - 126	2170	87	3	30
107-06-2	1,2-Dichloroethane	ND	250	2500	2130	85	68 - 126	2120	85	1	30
156-59-2	cis-1,2-Dichloroethene	ND	250	2500	2380	95	72 - 130	2270	91	5	30
156-60-5	trans-1,2-Dichloroethene	ND	250	2500	2310	92	67 - 134	2210	88	4	30
75-09-2	Methylene chloride	ND	500	2500	2150	86	66 - 130	2100	84	2	30
78-87-5	1,2-Dichloropropane	ND	250	2500	2350	94	72 - 129	2310	92	2	30
10061-01-5	cis-1,3-Dichloropropene	ND	250	2500	2490	100	72 - 129	2450	98	2	30
10061-02-6	trans-1,3-Dichloropropene	ND	250	2500	2370	95	72 - 126	2360	94	0	30
100-41-4	Ethylbenzene	ND	250	2500	2590	104	74 - 130	2470	99	5	30
591-78-6	2-Hexanone	ND	250	2500	2490	100	47 - 137	2640	106	6	30
98-82-8	Isopropylbenzene (Cumene)	ND	250	2500	2850	114	74 - 125	2650	106	7	30
78-93-3	2-Butanone	ND	250	2500	2120	85	47 - 142	2250	90	6	30
74-88-4	Methyl iodide	ND	250	2500	2430	97	54 - 140	2310	92	5	30
108-10-1	4-Methyl-2-pentanone	ND	250	2500	2400	96	52 - 136	2510	100	4	30
103-65-1	n-Propylbenzene	ND	250	2500	2530	101	73 - 137	2350	94	7	30
100-42-5	Styrene	ND	250	2500	2800	112	72 - 128	2720	109	3	30
127-18-4	Tetrachloroethene	ND	250	2500	2680	107	70 - 127	2510	100	7	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	2500	2570	103	77 - 122	2490	100	3	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	2500	2570	103	66 - 129	2640	106	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524291	**Client ID**	MB524291			LCS524291			LCSD524291		
Prep Batch	N/A	**GCAL ID**	1277172			1277173			1277174		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 08:26			01/27/2014 06:56			01/27/2014 07:19		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	ND	250	2500	2460	98	64 - 135	2300	92	7	30
71-55-6	1,1,1-Trichloroethane	ND	250	2500	2230	89	70 - 130	2150	86	4	30
79-00-5	1,1,2-Trichloroethane	ND	250	2500	2740	110	74 - 120	2730	109	0	30
75-69-4	Trichlorofluoromethane	ND	250	2500	2210	88	64 - 141	2110	84	5	30
96-18-4	1,2,3-Trichloropropane	ND	250	2500	2370	95	63 - 132	2470	99	4	30
95-63-6	1,2,4-Trimethylbenzene	ND	250	2500	2720	109	75 - 130	2540	102	7	30
108-67-8	1,3,5-Trimethylbenzene	ND	250	2500	2640	106	74 - 136	2440	98	8	30
75-01-4	Vinyl chloride	ND	250	2500	2030	81	67 - 131	1910	76	6	30
95-47-6	o-Xylene	ND	250	2500	2850	114	69 - 133	2730	109	4	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	2500	2400	96	60 - 123	2550	102	6	30
106-93-4	1,2-Dibromoethane	ND	250	2500	2510	100	74 - 122	2580	103	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	250	2500	2560	102	69 - 126	2580	103	1	30
540-59-0	1,2-Dichloroethene(Total)	ND	500	5000	4690	94	72 - 129	4470	89	5	30
99-87-6	4-Isopropyltoluene	ND	250	2500	2390	96	71 - 136	2200	88	8	30
1330-20-7	Xylene (total)	ND	500	7500	8280	110	71 - 129	7870	105	5	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	2500	2200	88	44 - 146	2320	93	5	30
594-20-7	2,2-Dichloropropane	ND	250	2500	2490	100	74 - 129	2380	95	5	30
76-13-1	Trichlorotrifluoroethane	ND	250	2500	2310	92	66 - 139	2200	88	5	30
563-58-6	1,1-Dichloropropene	ND	250	2500	2530	101	70 - 138	2400	96	5	30
142-28-9	1,3-Dichloropropane	ND	250	2500	2550	102	77 - 121	2560	102	0	30
108-86-1	Bromobenzene	ND	250	2500	2410	96	73 - 124	2340	94	3	30
95-49-8	2-Chlorotoluene	ND	250	2500	2570	103	75 - 132	2440	98	5	30
106-43-4	4-Chlorotoluene	ND	250	2500	2560	102	74 - 133	2460	98	4	30
98-06-6	tert-Butylbenzene	ND	250	2500	2610	104	72 - 136	2450	98	6	30
135-98-8	sec-Butylbenzene	ND	250	2500	2710	108	72 - 141	2470	99	9	30
541-73-1	1,3-Dichlorobenzene	ND	250	2500	2610	104	77 - 127	2470	99	6	30
106-46-7	1,4-Dichlorobenzene	ND	250	2500	2510	100	74 - 123	2400	96	4	30
104-51-8	n-Butylbenzene	ND	250	2500	2350	94	68 - 144	2160	86	8	30
95-50-1	1,2-Dichlorobenzene	ND	250	2500	2600	104	76 - 125	2500	100	4	30
87-68-3	Hexachlorobutadiene	ND	250	2500	2580	103	71 - 140	2260	90	13	30
91-20-3	Naphthalene	ND	250	2500	2360	94	54 - 132	2400	96	2	35
75-35-4	1,1-Dichloroethene	ND	250	2500	2530	101	68 - 129	2370	95	7	20
71-43-2	Benzene	ND	250	2500	2450	98	73 - 128	2340	94	5	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524291	**Client ID**	MB524291			LCS524291			LCSD524291		
Prep Batch	N/A	**GCAL ID**	1277172			1277173			1277174		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 08:26			01/27/2014 06:56			01/27/2014 07:19		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
79-01-6	Trichloroethene		ND	250	2500	2390	96	78 - 127	2300	92	4	20
108-88-3	Toluene		ND	250	2500	2500	100	74 - 121	2410	96	4	20
108-90-7	Chlorobenzene		ND	250	2500	2610	104	75 - 121	2490	100	5	20
Surrogate												
460-00-4	4-Bromofluorobenzene		2830	113	2500	2650	106	62 - 127	2650	106		
1868-53-7	Dibromofluoromethane		2440	98	2500	2420	97	65 - 130	2420	97		
2037-26-5	Toluene d8		2660	106	2500	2590	104	71 - 132	2590	104		
17060-07-0	1,2-Dichloroethane-d4		2260	90	2500	2210	88	62 - 125	2230	89		

Analytical Batch	524354	**Client ID**	MB524354			LCS524354			LCSD524354		
Prep Batch	N/A	**GCAL ID**	1277542			1277543			1277544		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 16:58			01/27/2014 15:35			01/27/2014 15:58		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	1250	2500	3090	124	38 - 152	3210	128	4	30
74-97-5	Bromochloromethane		ND	250	2500	2700	108	73 - 127	2750	110	2	30
75-27-4	Bromodichloromethane		ND	250	2500	2900	116	74 - 126	2990	120	3	30
75-25-2	Bromoform		ND	250	2500	2350	94	67 - 122	2450	98	4	30
74-83-9	Bromomethane		ND	250	2500	1810	72	48 - 139	2010	80	10	30
75-15-0	Carbon disulfide		ND	250	2500	2690	108	68 - 133	2640	106	2	30
56-23-5	Carbon tetrachloride		ND	250	2500	2810	112	71 - 133	2830	113	1	30
75-00-3	Chloroethane		ND	250	2500	2710	108	57 - 144	2780	111	3	30
136777-61-2	m,p-Xylene		ND	250	5000	5420	108	72 - 128	5310	106	2	30
67-66-3	Chloroform		ND	250	2500	2820	113	74 - 124	2830	113	0	30
74-87-3	Chloromethane		ND	250	2500	2470	99	61 - 130	2530	101	2	30
124-48-1	Dibromochloromethane		ND	250	2500	2700	108	74 - 122	2800	112	4	30
74-95-3	Dibromomethane		ND	250	2500	3040	122	72 - 125	3130	125	3	30
75-71-8	Dichlorodifluoromethane		ND	250	2500	2530	101	59 - 138	2550	102	1	30
75-34-3	1,1-Dichloroethane		ND	250	2500	2850	114	71 - 126	2900	116	2	30
107-06-2	1,2-Dichloroethane		ND	250	2500	2870	115	68 - 126	3030	121	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 524354	**Client ID**	MB524354	LCS524354	LCSD524354
Prep Batch N/A	**GCAL ID**	1277542	1277543	1277544
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	01/27/2014 16:58	01/27/2014 15:35	01/27/2014 15:58
	Matrix	Solid	Solid	Solid

EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-59-2	cis-1,2-Dichloroethene	ND	250	2500	2980	119	72 - 130	2960	118	1	30
156-60-5	trans-1,2-Dichloroethene	ND	250	2500	2910	116	67 - 134	2900	116	0	30
75-09-2	Methylene chloride	ND	500	2500	2740	110	66 - 130	2770	111	1	30
78-87-5	1,2-Dichloropropane	ND	250	2500	2920	117	72 - 129	2980	119	2	30
10061-01-5	cis-1,3-Dichloropropene	ND	250	2500	2970	119	72 - 129	3050	122	3	30
10061-02-6	trans-1,3-Dichloropropene	ND	250	2500	3130	125	72 - 126	3210	**128***	3	30
100-41-4	Ethylbenzene	ND	250	2500	2710	108	74 - 130	2660	106	2	30
591-78-6	2-Hexanone	ND	250	2500	3000	120	47 - 137	3200	128	6	30
98-82-8	Isopropylbenzene (Cumene)	ND	250	2500	2800	112	74 - 125	2690	108	4	30
78-93-3	2-Butanone	ND	250	2500	3090	124	47 - 142	3270	131	6	30
74-88-4	Methyl iodide	ND	250	2500	2220	89	54 - 140	2450	98	10	30
108-10-1	4-Methyl-2-pentanone	ND	250	2500	3200	128	52 - 136	3480	**139***	8	30
103-65-1	n-Propylbenzene	ND	250	2500	2990	120	73 - 137	2880	115	4	30
100-42-5	Styrene	ND	250	2500	2780	111	72 - 128	2790	112	0	30
127-18-4	Tetrachloroethene	ND	250	2500	2570	103	70 - 127	2550	102	1	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	2500	2600	104	77 - 122	2650	106	2	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	2500	2920	117	66 - 129	3040	122	4	30
120-82-1	1,2,4-Trichlorobenzene	ND	250	2500	2910	116	64 - 135	2780	111	5	30
71-55-6	1,1,1-Trichloroethane	ND	250	2500	2830	113	70 - 130	2920	117	3	30
79-00-5	1,1,2-Trichloroethane	ND	250	2500	2740	110	74 - 120	2830	113	3	30
75-69-4	Trichlorofluoromethane	ND	250	2500	2660	106	64 - 141	2650	106	0	30
96-18-4	1,2,3-Trichloropropane	ND	250	2500	2890	116	63 - 132	2960	118	2	30
95-63-6	1,2,4-Trimethylbenzene	ND	250	2500	3040	122	75 - 130	2980	119	2	30
108-67-8	1,3,5-Trimethylbenzene	ND	250	2500	3040	122	74 - 136	2960	118	3	30
75-01-4	Vinyl chloride	ND	250	2500	2690	108	67 - 131	2680	107	0	30
95-47-6	o-Xylene	ND	250	2500	2750	110	69 - 133	2740	110	0	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	2500	2770	111	60 - 123	2840	114	2	30
106-93-4	1,2-Dibromoethane	ND	250	2500	2740	110	74 - 122	2830	113	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	250	2500	3100	124	69 - 126	3250	**130***	5	30
540-59-0	1,2-Dichloroethene(Total)	ND	500	5000	5890	118	72 - 129	5860	117	1	30
99-87-6	4-Isopropyltoluene	ND	250	2500	3070	123	71 - 136	2920	117	5	30
1330-20-7	Xylene (total)	ND	500	7500	8170	109	71 - 129	8050	107	1	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	250	2500	3810	**152***	44 - 146	3930	**157***	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524354	**Client ID**	MB524354			LCS524354			LCSD524354		
Prep Batch	N/A	**GCAL ID**	1277542			1277543			1277544		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 16:58			01/27/2014 15:35			01/27/2014 15:58		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	ug/Kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
594-20-7	2,2-Dichloropropane	ND	250	2500	3170	127	74 - 129	3210	128	1	30
76-13-1	Trichlorotrifluoroethane	ND	250	2500	2670	107	66 - 139	2600	104	3	30
563-58-6	1,1-Dichloropropene	ND	250	2500	2910	116	70 - 138	2880	115	1	30
142-28-9	1,3-Dichloropropane	ND	250	2500	2690	108	77 - 121	2770	111	3	30
108-86-1	Bromobenzene	ND	250	2500	2840	114	73 - 124	2900	116	2	30
95-49-8	2-Chlorotoluene	ND	250	2500	2880	115	75 - 132	2880	115	0	30
106-43-4	4-Chlorotoluene	ND	250	2500	2910	116	74 - 133	2870	115	1	30
98-06-6	tert-Butylbenzene	ND	250	2500	3080	123	72 - 136	2960	118	4	30
135-98-8	sec-Butylbenzene	ND	250	2500	3040	122	72 - 141	2870	115	6	30
541-73-1	1,3-Dichlorobenzene	ND	250	2500	2720	109	77 - 127	2680	107	1	30
106-46-7	1,4-Dichlorobenzene	ND	250	2500	2710	108	74 - 123	2740	110	1	30
104-51-8	n-Butylbenzene	ND	250	2500	3190	128	68 - 144	3010	120	6	30
95-50-1	1,2-Dichlorobenzene	ND	250	2500	2760	110	76 - 125	2720	109	1	30
87-68-3	Hexachlorobutadiene	ND	250	2500	3060	122	71 - 140	2840	114	7	30
91-20-3	Naphthalene	ND	250	2500	3070	123	54 - 132	3160	126	3	35
75-35-4	1,1-Dichloroethene	ND	250	2500	2590	104	68 - 129	2600	104	0	20
71-43-2	Benzene	ND	250	2500	2850	114	73 - 128	2880	115	1	20
79-01-6	Trichloroethene	ND	250	2500	2650	106	78 - 127	2650	106	0	20
108-88-3	Toluene	ND	250	2500	2570	103	74 - 121	2590	104	1	20
108-90-7	Chlorobenzene	ND	250	2500	2540	102	75 - 121	2530	101	0	20
Surrogate											
460-00-4	4-Bromofluorobenzene	2250	90	2500	2330	93	62 - 127	2260	90		
1868-53-7	Dibromofluoromethane	2400	96	2500	2530	101	65 - 130	2570	103		
2037-26-5	Toluene d8	2410	96	2500	2390	96	71 - 132	2360	94		
17060-07-0	1,2-Dichloroethane-d4	2620	105	2500	2680	107	62 - 125	2720	109		

GC/MS Volatiles Quality Control Summary

Analytical Batch	524371	**Client ID**	MB524371			LCS524371			LCSD524371		
Prep Batch	N/A	**GCAL ID**	1277720			1277721			1277722		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/27/2014 22:46			01/27/2014 20:54			01/27/2014 21:16		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
127-18-4	Tetrachloroethene		ND	250	2500	2400	96	70 - 127	2460	98	2	30
Surrogate												
460-00-4	4-Bromofluorobenzene		2730	109	2500	2580	103	62 - 127	2560	102		
1868-53-7	Dibromofluoromethane		2520	101	2500	2530	101	65 - 130	2520	101		
2037-26-5	Toluene d8		2620	105	2500	2460	98	71 - 132	2510	100		
17060-07-0	1,2-Dichloroethane-d4		2480	99	2500	2450	98	62 - 125	2460	98		

Analytical Batch	524388	**Client ID**	MB524388			LCS524388			LCSD524388		
Prep Batch	N/A	**GCAL ID**	1277777			1277778			1277779		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/28/2014 19:52			01/28/2014 18:11			01/28/2014 18:32		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	1250	2500	2580	103	38 - 152	2640	106	2	30
74-97-5	Bromochloromethane		ND	250	2500	2600	104	73 - 127	2650	106	2	30
75-27-4	Bromodichloromethane		ND	250	2500	2830	113	74 - 126	2860	114	1	30
75-25-2	Bromoform		ND	250	2500	2210	88	67 - 122	2270	91	3	30
74-83-9	Bromomethane		ND	250	2500	1860	74	48 - 139	2170	87	15	30
75-15-0	Carbon disulfide		ND	250	2500	2660	106	68 - 133	2530	101	5	30
56-23-5	Carbon tetrachloride		ND	250	2500	2820	113	71 - 133	2700	108	4	30
75-00-3	Chloroethane		ND	250	2500	2680	107	57 - 144	2650	106	1	30
136777-61-2	m,p-Xylene		ND	250	5000	5240	105	72 - 128	5160	103	2	30
67-66-3	Chloroform		ND	250	2500	2720	109	74 - 124	2730	109	0	30
74-87-3	Chloromethane		ND	250	2500	2370	95	61 - 130	2510	100	6	30
124-48-1	Dibromochloromethane		ND	250	2500	2650	106	74 - 122	2680	107	1	30
74-95-3	Dibromomethane		ND	250	2500	2910	116	72 - 125	2970	119	2	30
75-71-8	Dichlorodifluoromethane		ND	250	2500	2490	100	59 - 138	2420	97	3	30
75-34-3	1,1-Dichloroethane		ND	250	2500	2700	108	71 - 126	2750	110	2	30
107-06-2	1,2-Dichloroethane		ND	250	2500	2770	111	68 - 126	2830	113	2	30
156-59-2	cis-1,2-Dichloroethene		ND	250	2500	2800	112	72 - 130	2860	114	2	30
156-60-5	trans-1,2-Dichloroethene		ND	250	2500	2790	112	67 - 134	2770	111	1	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524388	**Client ID**	MB524388			LCS524388			LCSD524388		
Prep Batch	N/A	**GCAL ID**	1277777			1277778			1277779		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/28/2014 19:52			01/28/2014 18:11			01/28/2014 18:32		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
75-09-2	Methylene chloride		ND	500	2500	2560	102	66 - 130	2600	104	2	30
78-87-5	1,2-Dichloropropane		ND	250	2500	2760	110	72 - 129	2830	113	3	30
10061-01-5	cis-1,3-Dichloropropene		ND	250	2500	2780	111	72 - 129	2840	114	2	30
10061-02-6	trans-1,3-Dichloropropene		ND	250	2500	2900	116	72 - 126	3020	121	4	30
100-41-4	Ethylbenzene		ND	250	2500	2600	104	74 - 130	2540	102	2	30
591-78-6	2-Hexanone		ND	250	2500	2520	101	47 - 137	2660	106	5	30
98-82-8	Isopropylbenzene (Cumene)		ND	250	2500	2740	110	74 - 125	2600	104	5	30
78-93-3	2-Butanone		ND	250	2500	2530	101	47 - 142	2670	107	5	30
74-88-4	Methyl iodide		ND	250	2500	2130	85	54 - 140	2270	91	6	30
108-10-1	4-Methyl-2-pentanone		ND	250	2500	2780	111	52 - 136	2930	117	5	30
103-65-1	n-Propylbenzene		ND	250	2500	2820	113	73 - 137	2720	109	4	30
100-42-5	Styrene		ND	250	2500	2680	107	72 - 128	2700	108	1	30
127-18-4	Tetrachloroethene		ND	250	2500	2530	101	70 - 127	2480	99	2	30
630-20-6	1,1,1,2-Tetrachloroethane		ND	250	2500	2550	102	77 - 122	2570	103	1	30
79-34-5	1,1,2,2-Tetrachloroethane		ND	250	2500	2510	100	66 - 129	2700	108	7	30
120-82-1	1,2,4-Trichlorobenzene		ND	250	2500	2690	108	64 - 135	2640	106	2	30
71-55-6	1,1,1-Trichloroethane		ND	250	2500	2810	112	70 - 130	2810	112	0	30
79-00-5	1,1,2-Trichloroethane		ND	250	2500	2570	103	74 - 120	2630	105	2	30
75-69-4	Trichlorofluoromethane		ND	250	2500	2680	107	64 - 141	2610	104	3	30
96-18-4	1,2,3-Trichloropropane		ND	250	2500	2590	104	63 - 132	2720	109	5	30
95-63-6	1,2,4-Trimethylbenzene		ND	250	2500	2850	114	75 - 130	2820	113	1	30
108-67-8	1,3,5-Trimethylbenzene		ND	250	2500	2900	116	74 - 136	2820	113	3	30
75-01-4	Vinyl chloride		ND	250	2500	2560	102	67 - 131	2560	102	0	30
95-47-6	o-Xylene		ND	250	2500	2660	106	69 - 133	2650	106	0	30
96-12-8	1,2-Dibromo-3-chloropropane		ND	250	2500	2390	96	60 - 123	2470	99	3	30
106-93-4	1,2-Dibromoethane		ND	250	2500	2550	102	74 - 122	2610	104	2	30
1634-04-4	tert-Butyl methyl ether (MTBE)		ND	250	2500	2950	118	69 - 126	3030	121	3	30
540-59-0	1,2-Dichloroethene(Total)		ND	500	5000	5600	112	72 - 129	5630	113	1	30
99-87-6	4-Isopropyltoluene		ND	250	2500	2940	118	71 - 136	2770	111	6	30
1330-20-7	Xylene (total)		ND	500	7500	7900	105	71 - 129	7810	104	1	30
110-57-6	trans-1,4-Dichloro-2-butene		ND	250	2500	3500	140	44 - 146	3460	138	1	30
594-20-7	2,2-Dichloropropane		ND	250	2500	3160	126	74 - 129	3080	123	3	30
76-13-1	Trichlorotrifluoroethane		ND	250	2500	2660	106	66 - 139	2620	105	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524388	**Client ID**	MB524388			LCS524388			LCSD524388		
Prep Batch	N/A	**GCAL ID**	1277777			1277778			1277779		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/28/2014 19:52			01/28/2014 18:11			01/28/2014 18:32		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	ug/Kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
563-58-6	1,1-Dichloropropene		ND	250	2500	2830	113	70 - 138	2760	110	3	30
142-28-9	1,3-Dichloropropane		ND	250	2500	2480	99	77 - 121	2570	103	4	30
108-86-1	Bromobenzene		ND	250	2500	2640	106	73 - 124	2700	108	2	30
95-49-8	2-Chlorotoluene		ND	250	2500	2740	110	75 - 132	2710	108	1	30
106-43-4	4-Chlorotoluene		ND	250	2500	2730	109	74 - 133	2730	109	0	30
98-06-6	tert-Butylbenzene		ND	250	2500	2960	118	72 - 136	2800	112	6	30
135-98-8	sec-Butylbenzene		ND	250	2500	2910	116	72 - 141	2740	110	6	30
541-73-1	1,3-Dichlorobenzene		ND	250	2500	2580	103	77 - 127	2550	102	1	30
106-46-7	1,4-Dichlorobenzene		ND	250	2500	2620	105	74 - 123	2620	105	0	30
104-51-8	n-Butylbenzene		ND	250	2500	3050	122	68 - 144	2820	113	8	30
95-50-1	1,2-Dichlorobenzene		ND	250	2500	2580	103	76 - 125	2600	104	1	30
87-68-3	Hexachlorobutadiene		ND	250	2500	3010	120	71 - 140	2750	110	9	30
91-20-3	Naphthalene		ND	250	2500	2690	108	54 - 132	2760	110	3	35
75-35-4	1,1-Dichloroethene		ND	250	2500	2620	105	68 - 129	2540	102	3	20
71-43-2	Benzene		ND	250	2500	2650	106	73 - 128	2660	106	0	20
79-01-6	Trichloroethene		ND	250	2500	2650	106	78 - 127	2660	106	0	20
108-88-3	Toluene		ND	250	2500	2460	98	74 - 121	2460	98	0	20
108-90-7	Chlorobenzene		ND	250	2500	2470	99	75 - 121	2460	98	0	20
Surrogate												
460-00-4	4-Bromofluorobenzene		2320	93	2500	2390	96	62 - 127	2360	94		
1868-53-7	Dibromofluoromethane		2400	96	2500	2570	103	65 - 130	2590	104		
2037-26-5	Toluene d8		2440	98	2500	2370	95	71 - 132	2390	96		
17060-07-0	1,2-Dichloroethane-d4		2610	104	2500	2640	106	62 - 125	2650	106		

Analytical Batch	524446	**Client ID**	MB524446			LCS524446			LCSD524446		
Prep Batch	N/A	**GCAL ID**	1277923			1277924			1277925		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/29/2014 01:02			01/28/2014 23:53			01/29/2014 00:18		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	mg/kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		ND	0.025	0.050	0.056	112	38 - 152	0.054	108	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524446	**Client ID**	MB524446			LCS524446			LCSD524446		
Prep Batch	N/A	**GCAL ID**	1277923			1277924			1277925		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/29/2014 01:02			01/28/2014 23:53			01/29/2014 00:18		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
74-97-5	Bromochloromethane	ND	0.00500	0.050	0.053	106	73 - 127	0.050	99	6	30
75-27-4	Bromodichloromethane	ND	0.00500	0.050	0.055	110	74 - 126	0.052	105	6	30
75-25-2	Bromoform	ND	0.00500	0.050	0.056	112	67 - 122	0.055	109	2	30
74-83-9	Bromomethane	ND	0.00500	0.050	0.039	78	48 - 139	0.038	76	3	30
75-15-0	Carbon disulfide	ND	0.00500	0.050	0.042	84	68 - 133	0.038	76	10	30
56-23-5	Carbon tetrachloride	ND	0.00500	0.050	0.045	89	71 - 133	0.041	81	9	30
75-00-3	Chloroethane	ND	0.00500	0.050	0.045	90	57 - 144	0.042	84	7	30
136777-61-2	m,p-Xylene	ND	0.00500	0.100	0.113	113	72 - 128	0.107	107	5	30
67-66-3	Chloroform	ND	0.00500	0.050	0.050	100	74 - 124	0.047	95	6	30
74-87-3	Chloromethane	ND	0.00500	0.050	0.039	78	61 - 130	0.038	76	3	30
124-48-1	Dibromochloromethane	ND	0.00500	0.050	0.058	116	74 - 122	0.056	111	4	30
74-95-3	Dibromomethane	ND	0.00500	0.050	0.054	108	72 - 125	0.053	105	2	30
75-71-8	Dichlorodifluoromethane	ND	0.00500	0.050	0.036	73	59 - 138	0.032	63	12	30
75-34-3	1,1-Dichloroethane	ND	0.00500	0.050	0.050	99	71 - 126	0.047	93	6	30
107-06-2	1,2-Dichloroethane	ND	0.00500	0.050	0.054	108	68 - 126	0.051	102	6	30
156-59-2	cis-1,2-Dichloroethene	ND	0.00500	0.050	0.054	108	72 - 130	0.052	103	4	30
156-60-5	trans-1,2-Dichloroethene	ND	0.00500	0.050	0.048	95	67 - 134	0.045	90	6	30
75-09-2	Methylene chloride	ND	0.010	0.050	0.044	87	66 - 130	0.041	82	7	30
78-87-5	1,2-Dichloropropane	ND	0.00500	0.050	0.054	109	72 - 129	0.052	103	4	30
10061-01-5	cis-1,3-Dichloropropene	ND	0.00500	0.050	0.059	119	72 - 129	0.057	114	3	30
10061-02-6	trans-1,3-Dichloropropene	ND	0.00500	0.050	0.059	118	72 - 126	0.057	114	3	30
100-41-4	Ethylbenzene	ND	0.00500	0.050	0.054	107	74 - 130	0.051	102	6	30
591-78-6	2-Hexanone	ND	0.00500	0.050	0.069	**138***	47 - 137	0.068	137	1	30
98-82-8	Isopropylbenzene (Cumene)	ND	0.00500	0.050	0.055	109	74 - 125	0.052	104	6	30
78-93-3	2-Butanone	ND	0.00500	0.050	0.066	131	47 - 142	0.064	129	3	30
74-88-4	Methyl iodide	ND	0.00500	0.050	0.035	70	54 - 140	0.035	70	0	30
108-10-1	4-Methyl-2-pentanone	ND	0.00500	0.050	0.052	104	52 - 136	0.051	102	2	30
103-65-1	n-Propylbenzene	ND	0.00500	0.050	0.054	109	73 - 137	0.050	101	8	30
100-42-5	Styrene	ND	0.00500	0.050	0.059	118	72 - 128	0.057	114	3	30
127-18-4	Tetrachloroethene	ND	0.00500	0.050	0.047	95	70 - 127	0.045	90	4	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.00500	0.050	0.056	112	77 - 122	0.055	110	2	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.00500	0.050	0.057	113	66 - 129	0.055	109	4	30
120-82-1	1,2,4-Trichlorobenzene	ND	0.00500	0.050	0.064	127	64 - 135	0.059	119	8	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	524446	**Client ID**	MB524446			LCS524446			LCSD524446		
Prep Batch	N/A	**GCAL ID**	1277923			1277924			1277925		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/29/2014 01:02			01/28/2014 23:53			01/29/2014 00:18		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	mg/kg	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
71-55-6	1,1,1-Trichloroethane	ND	0.00500	0.050	0.046	93	70 - 130	0.043	85	7	30
79-00-5	1,1,2-Trichloroethane	ND	0.00500	0.050	0.056	112	74 - 120	0.056	112	0	30
75-69-4	Trichlorofluoromethane	ND	0.00500	0.050	0.041	82	64 - 141	0.036	71	13	30
96-18-4	1,2,3-Trichloropropane	ND	0.00500	0.050	0.056	111	63 - 132	0.054	108	4	30
95-63-6	1,2,4-Trimethylbenzene	ND	0.00500	0.050	0.059	119	75 - 130	0.055	109	7	30
108-67-8	1,3,5-Trimethylbenzene	ND	0.00500	0.050	0.058	115	74 - 136	0.054	109	7	30
75-01-4	Vinyl chloride	ND	0.00500	0.050	0.042	83	67 - 131	0.037	73	13	30
95-47-6	o-Xylene	ND	0.00500	0.050	0.061	122	69 - 133	0.058	115	5	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.00500	0.050	0.057	114	60 - 123	0.057	114	0	30
106-93-4	1,2-Dibromoethane	ND	0.00500	0.050	0.057	113	74 - 122	0.056	112	2	30
1634-04-4	tert-Butyl methyl ether (MTBE)	ND	0.00500	0.050	0.057	114	69 - 126	0.055	109	4	30
540-59-0	1,2-Dichloroethene(Total)	ND	0.010	0.100	0.101	101	72 - 129	0.097	97	4	30
99-87-6	4-Isopropyltoluene	ND	0.00500	0.050	0.055	109	71 - 136	0.050	101	10	30
1330-20-7	Xylene (total)	ND	0.010	0.150	0.174	116	71 - 129	0.164	109	6	30
110-57-6	trans-1,4-Dichloro-2-butene	ND	0.00500	0.050	0.058	116	44 - 146	0.058	115	0	30
594-20-7	2,2-Dichloropropane	ND	0.00500	0.050	0.048	96	74 - 129	0.045	89	6	30
76-13-1	Trichlorotrifluoroethane	ND	0.00500	0.050	0.041	81	66 - 139	0.035	70	16	30
563-58-6	1,1-Dichloropropene	ND	0.00500	0.050	0.049	98	70 - 138	0.044	89	11	30
142-28-9	1,3-Dichloropropane	ND	0.00500	0.050	0.058	117	77 - 121	0.057	114	2	30
108-86-1	Bromobenzene	ND	0.00500	0.050	0.055	110	73 - 124	0.053	107	4	30
95-49-8	2-Chlorotoluene	ND	0.00500	0.050	0.058	115	75 - 132	0.055	109	5	30
106-43-4	4-Chlorotoluene	ND	0.00500	0.050	0.058	117	74 - 133	0.055	110	5	30
98-06-6	tert-Butylbenzene	ND	0.00500	0.050	0.055	110	72 - 136	0.051	103	8	30
135-98-8	sec-Butylbenzene	ND	0.00500	0.050	0.054	109	72 - 141	0.050	100	8	30
541-73-1	1,3-Dichlorobenzene	ND	0.00500	0.050	0.057	115	77 - 127	0.055	109	4	30
106-46-7	1,4-Dichlorobenzene	ND	0.00500	0.050	0.057	113	74 - 123	0.054	108	5	30
104-51-8	n-Butylbenzene	ND	0.00500	0.050	0.053	107	68 - 144	0.050	99	6	30
95-50-1	1,2-Dichlorobenzene	ND	0.00500	0.050	0.059	117	76 - 125	0.056	112	5	30
87-68-3	Hexachlorobutadiene	ND	0.00500	0.050	0.053	105	71 - 140	0.048	97	10	30
91-20-3	Naphthalene	ND	0.00500	0.050	0.058	115	54 - 132	0.055	110	5	35
75-35-4	1,1-Dichloroethene	ND	0.00500	0.050	0.043	86	68 - 129	0.038	77	12	20
71-43-2	Benzene	ND	0.00500	0.050	0.053	106	73 - 128	0.050	100	6	20
79-01-6	Trichloroethene	ND	0.00500	0.050	0.050	100	78 - 127	0.047	93	6	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	524446	**Client ID**	MB524446			LCS524446			LCSD524446		
Prep Batch	N/A	**GCAL ID**	1277923			1277924			1277925		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/29/2014 01:02			01/28/2014 23:53			01/29/2014 00:18		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	mg/kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
108-88-3	Toluene		ND	0.00500	0.050	0.052	104	74 - 121	0.050	100	4	20
108-90-7	Chlorobenzene		ND	0.00500	0.050	0.054	108	75 - 121	0.053	106	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		50.9	102	50	49.9	100	62 - 127	50.2	100		
1868-53-7	Dibromofluoromethane		50	100	50	49.6	99	65 - 130	48.6	97		
2037-26-5	Toluene d8		54.4	109	50	50.8	102	71 - 132	51	102		
17060-07-0	1,2-Dichloroethane-d4		48.8	98	50	48.7	97	62 - 125	47.7	95		

Analytical Batch	524446	**Client ID**	DCP-SF04-02			DCP-SF04-02 MS			DCP-SF04-02 MSD		
Prep Batch	N/A	**GCAL ID**	21401235607			21401235608			21401235609		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	01/29/2014 01:24			01/29/2014 01:46			01/29/2014 02:07		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	mg/kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
100-41-4	Ethylbenzene		0.00	0.00423	0.042	0.034	79	74 - 130	0.033	94	3	30
1330-20-7	Xylene (total)		0.00	0.00846	0.127	0.105	83	71 - 129	0.107	100	2	30
71-43-2	Benzene		0.00	0.00423	0.042	0.034	79	73 - 128	0.033	93	3	20
108-88-3	Toluene		0.00	0.00423	0.042	0.033	77	74 - 121	0.033	92	0	20
Surrogate												
460-00-4	4-Bromofluorobenzene				42.3	43	102	62 - 127	36.4	102		
1868-53-7	Dibromofluoromethane				42.3	42.9	101	65 - 130	35.5	100		
2037-26-5	Toluene d8				42.3	41.6	98	71 - 132	35.7	100		
17060-07-0	1,2-Dichloroethane-d4				42.3	42.3	100	62 - 125	35.1	98		

GC/MS Volatiles Quality Control Summary

Analytical Batch	524504	**Client ID**	MB524504			LCS524504			LCSD524504		
Prep Batch	N/A	**GCAL ID**	1278064			1278065			1278066		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	01/30/2014 11:09			01/30/2014 09:26			01/30/2014 09:46		
		Matrix	Solid			Solid			Solid		
EPA 8260B		**Units**	**Result**	mg/kg **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
156-59-2	cis-1,2-Dichloroethene		ND	0.050	2.50	2.58	103	72 - 130	2.72	109	5	30
127-18-4	Tetrachloroethene		ND	0.050	2.50	2.37	95	70 - 127	2.32	93	2	30
540-59-0	1,2-Dichloroethene(Total)		ND	0.100	5.00	5.21	104	72 - 129	5.42	108	4	30
Surrogate												
460-00-4	4-Bromofluorobenzene		2350	94	2500	2400	96	62 - 127	2430	97		
1868-53-7	Dibromofluoromethane		2580	103	2500	2580	103	65 - 130	2590	104		
2037-26-5	Toluene d8		2410	96	2500	2340	94	71 - 132	2360	94		
17060-07-0	1,2-Dichloroethane-d4		2750	110	2500	2530	101	62 - 125	2590	104		

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name

Client ID: 4642 - Sage Environmental

SDG: 214012350

Due Date: 01/30/14

Report to:
Client: Sage Environmental
Address: 680 Chastain Rd, Ste 320
Kennesaw, GA 30144
Contact: Jack White
Phone: 678 431-0130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

Custody Seal
used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 26 E22

P.O. Number: 1221-1-3
Project Name/Number: Raylac VRP
Sampled By:

Analytical Re: VOCs

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	VOCs	Remarks:	Lab ID
S	1/21	9:15		X	SA-21@15'		4	X		1
		9:15			SA-21@30'					2
		8:50			SA-22@10'					3
		8:50			SA-22@30'					4
		2:57			SA-26@15'					5
		2:57			SA-26@30'					6
		2:13			SA-27@20'					7
		2:13			SA-27@30'					8
		1:37			SA-28@10'					9
		1:37			SA-28@30'					10
		11:30			SA-29@20'					11
		11:30			SA-29@30'					12
		11:00			SA-30@15'					13
		11:00			SA-30@30'					14

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Jack White	Hugo Anez	1/22/14	10:34
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx		1/23/14	0943

Note: 7976-9401-2326

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL

7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402
Phone 225.769.4900 • Fax 225.767.5717

CHAIN OF CUSTODY RECORD

Lab use only

Client Name

Client ID: 4642 - Sage Environmental
SDG: 214012350
Due Date: 01/30/14

Report to:
Client: SAGE Environmental
Address: 600 Chastain Road
Ste. 320, Kennesaw, GA 30144
Contact: Jack Wintle
Phone: 678-431-0130
Fax:

Bill to:
Client: SAME
Address:
Contact:
Phone:
Fax:

P.O. Number: 1221-1-3
Project Name/Number: Rayloc VRP
Sampled By: Matthew Howe

Analytical: VOCs

used ☑ yes ☐ no
intact ☑ yes ☐ no
Temperature °C 2.6 EZZ

Matrix[1]	Date	Time (2400)	Comp	Grab	Sample Description	Preservatives	No Containers	Remarks:	Lab ID
S	1/20	11:00		X	SA-16A @ 25' Not sent		4		15
↓	↓	11:00		X	SA-16A @ 30' Not sent		↓		16
		11:41		X	SA-17 @ 10' Not sent				17
		11:41		X	SA-17 @ 30'				18
	~~1/21~~	~~8:50~~		~~X~~					

Turn Around Time: ☐ 24-48 hrs. ☐ 3 days ☐ 1 week ☒ Standard ☐ Other

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Hugo Anez	1/22/14	10.34
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
FedEx	[signature]	1/23/14	0935

Note: Many of these samples had very high PID hits.

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

Matrix[1]: W = water, S = soil, SD = solid, L = liquid, SL = sludge, o = oil, CT = charcoal tube, A = air bag

We cannot accept verbal changes. Please fax written changes to (225) 767-5717

WHITE: CLIENT FINAL REPORT — CANARY: LABORATORY — PINK: CLIENT

GCAL-06 11/98

GCAL ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIVING CHECKLIST

214012350

SAMPLE DELIVERY GROUP 214012350

Client 4642 - Sage Environmental	**Transport Method** FEDEX
Profile Number 240745	**Received By** Saucier, Charlotte
Line Item(s) 2 - Soils	**Receive Date(s)** 01/23/14

CHECKLIST	YES	NO	NA
Were all samples received using proper thermal preservation?	☑	☐	☐
When used, were all custody seals intact?	☑	☐	☐
Were all samples received in proper containers?	☑	☐	☐
Were all samples received using proper chemical preservation?	☑	☐	☐
Was preservative added to any container at the lab?	☐	☑	☐
Were all containers received in good condition?	☑	☐	☐
Were all VOA vials received with no head space?	☑	☐	☐
Do all sample labels match the Chain of Custody?	☑	☐	☐
Did the Chain of Custody list the sampling technician?	☐	☑	☐
Was the COC maintained i.e. all signatures, dates and time of receipt included?	☑	☐	☐

COOLERS

Airbill	Thermometer ID: E22	Temp(°C)
7976 9401 2326		2.6

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

APPENDIX E
INJECTION WELL CONSTRUCTION SCHEMATICS

MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I1B
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/14-15/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/15/2012

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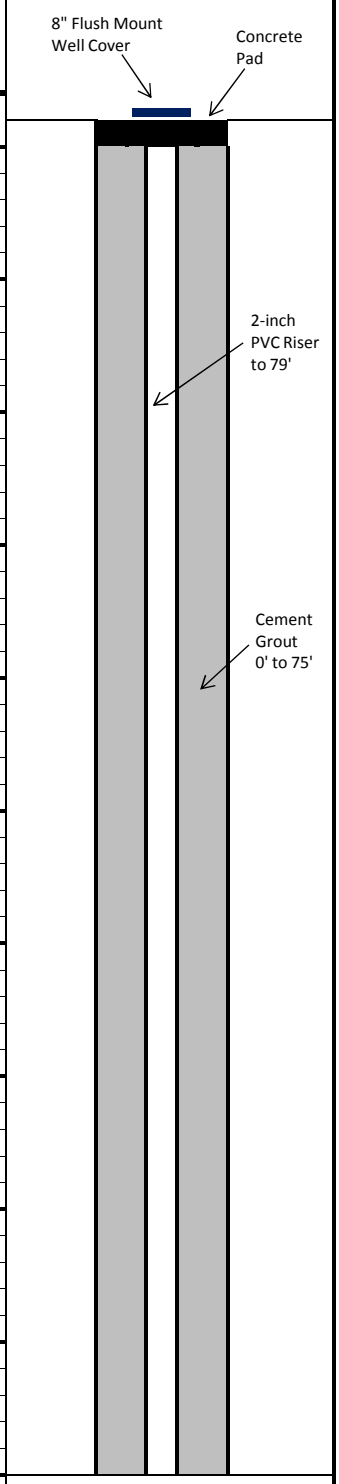
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION
0					Ground Surface
		0 - 4			No soil samples collected
5	100	4 - 6	761.1	SM	Brown medium to fine SAND, moist
		6 - 9			
10	15	9 - 11	1,232.0		Limited recovery due to restricted layer at 10' (split spoon refused) - Assumed SAND
		11 - 14			
15	100	14 - 16	2,766.0	SM	Red white clayey medium to fine SAND, black mottling
		16 - 19			
20	100	19 - 21	4,083.0	SM	Gray pink clayey silty medium to fine SAND, black mottling, saprolitic
		21 - 24			
25	100	24 - 26	7,011.0	SM	Gray pink clayey silty medium to fine SAND, saprolitic
		26 - 29			
30	100	29 - 31	3,170.0		
		31 - 34			
35	100	34 - 36	4,140.0		
		36 - 39			
40	100	39 - 41	10,237.0		
		41 - 44			
45	100	44 - 46	652.0	SM	Brown silty medium to fine SAND, saprolitic
					No samples collected after 46 feet due to groundwater
50					

Material Settings

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	**A1-I1B**
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	2 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/14-15/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/15/2012

Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
50					No samples collected after 46 feet due to groundwater	
55						
60						
65						
70					Auger refusal at 71 feet below ground surface (bgs) due to bedrock. Use air rotary drilling techniques from 71 to 81 feet bgs.	
75						
80					Air rotary drilling terminated at 81 feet bgs.	

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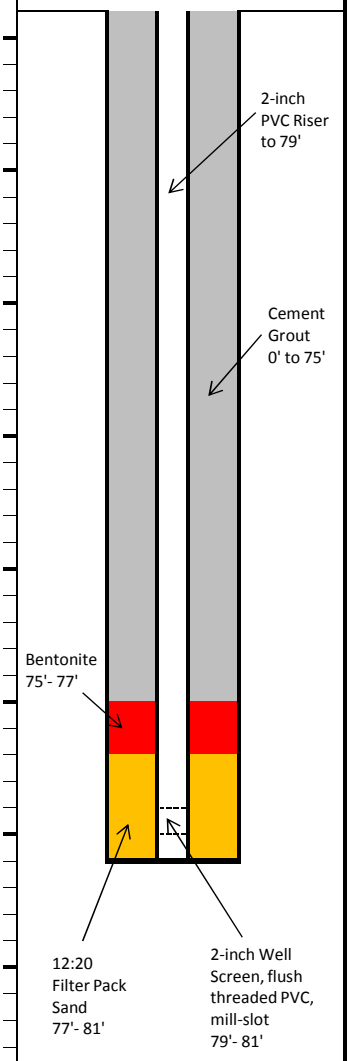
COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I2B
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/15-16/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/16/2012

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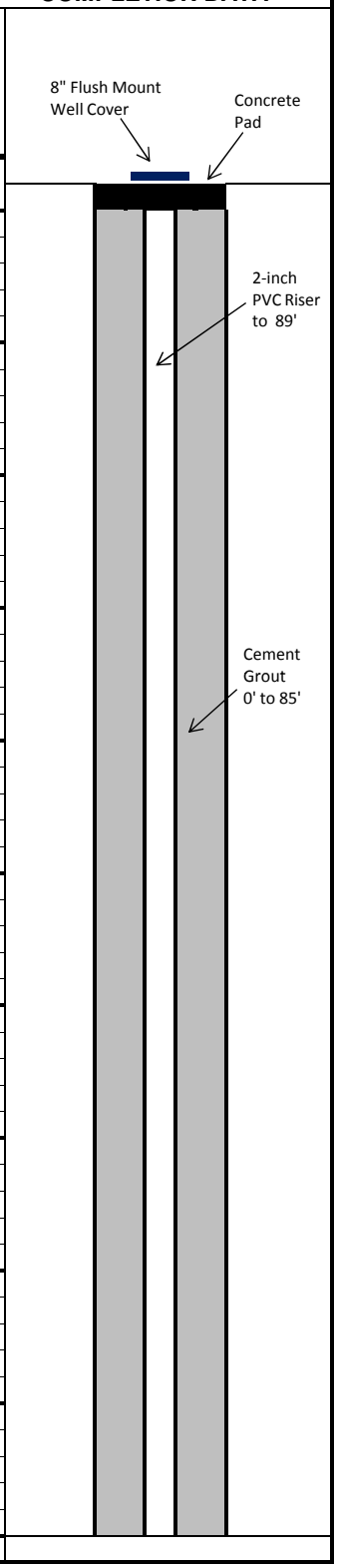
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION
					Ground Surface
0		0 - 4			No soil samples collected
5	100	4 - 6	322.2	SM	Red clayey silty medium to fine SAND, moist
		6 - 9			
10	100	9 - 11	226.0		
		11 - 14			
15	100	14 - 16	15,000.0	SM	Red clayey silty medium to fine SAND, saprolitic, odor
		16 - 19			
20	100	19 - 21	15,000.0	SM	Red white silty medium to fine SAND, odor
		21 - 24			
25	100	24 - 26	15,000.0	SM	Gray pink silty medium to fine SAND, odor, moist from 39' to 46'
		26 - 29			
30	50	29 - 31	15,000.0		
		31 - 34			
35	100	34 - 36	15,000.0		*DYE TEST (~34 - 36 feet)
		36 - 39			
40	100	39 - 41	15,000.0		
		41 - 44			
45	100	44 - 46	6,090.0		
					No samples collected after 46 feet due to groundwater
50					

Material Settings

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I2B
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	2 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/15-16/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/16/2012

Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
50					No samples collected after 46 feet due to groundwater	
55						
60						
65						
70						
75						
80					Auger refusal at 81 feet below ground surface (bgs) due to bedrock. Use air rotary drilling techniques from 81 to 91 feet bgs.	
85						
90					Air rotary drilling terminated at 91 feet bgs.	
95						

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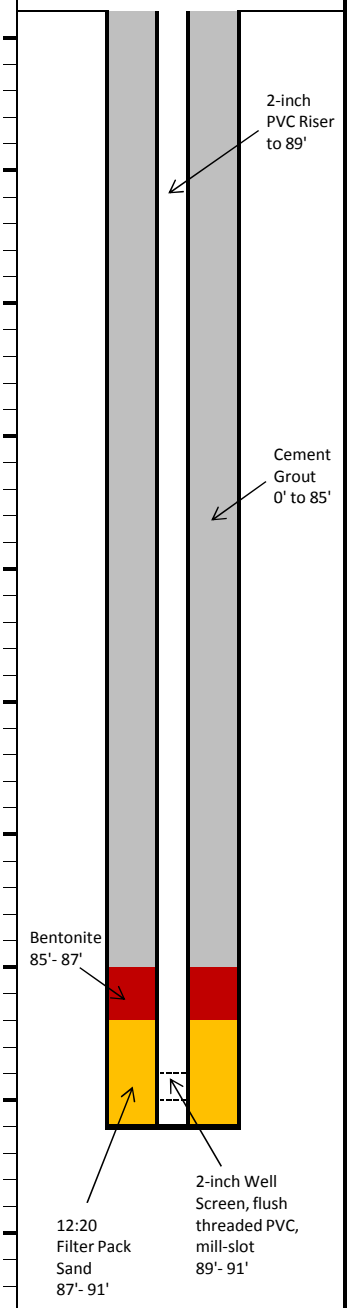
COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I3B
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/19/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/19/2012

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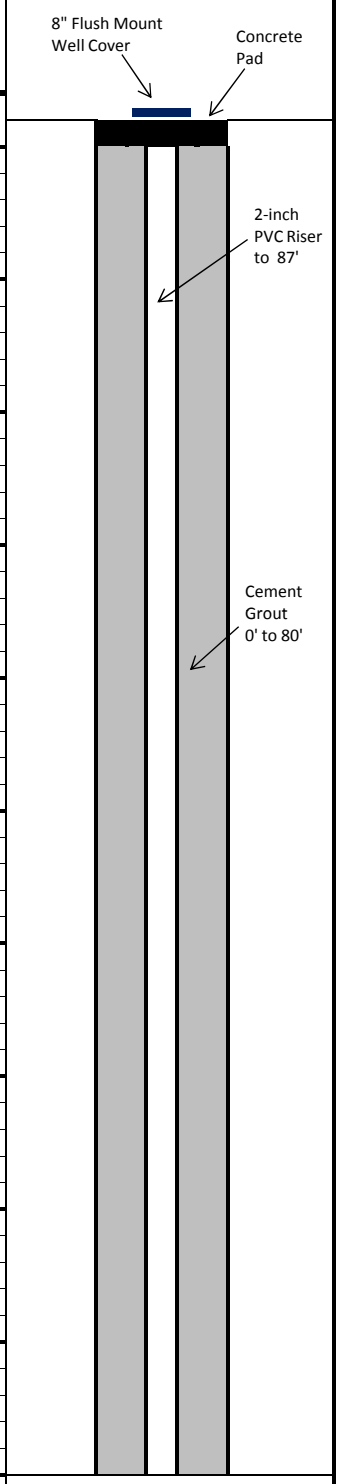
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION
0					Ground Surface
		0 - 4			No soil samples collected
5	100	4 - 6	3.8	SM	Red clayey medium to fine SAND, moist
		6 - 9			
10	100	9 - 11	13.7	SM	Brown silty medium to fine SAND, moist
		11 - 14			
15	100	14 - 16	29.8		
		16 - 19			
20	100	19 - 21	56.3	SM	Red white silty medium to fine SAND
		21 - 24			
25	100	24 - 26	32.2	SM	Gray pink silty medium to fine SAND, saprolitic
		26 - 29			
30	100	29 - 31	16.6		
		31 - 34			
35	100	34 - 36	11.8		
		36 - 39			
40	100	39 - 41	116.3		
		41 - 44			
45	100	44 - 46	30.8		
					No samples collected after 46 feet due to groundwater
50					

Material Settings

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I3B
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	2 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/19/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/19/2012

Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
50					No samples collected after 46 feet due to groundwater	
55						
60						
65						
70						
75						
80					Auger refusal at 79 feet below ground surface (bgs) due to bedrock. Use air rotary drilling techniques from 79 to 89 feet bgs.	
85						
90					Air rotary drilling terminated at 89 feet bgs.	
95						

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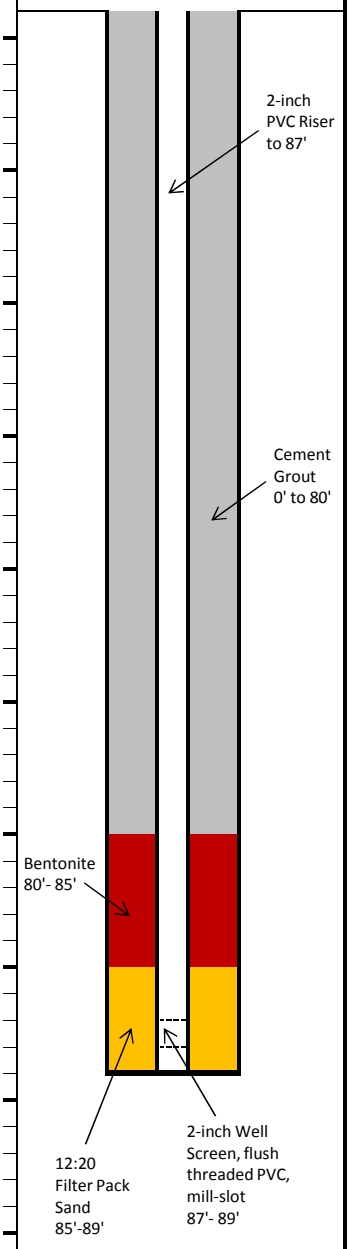
COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	**A1-I4**
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 1
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/19-20/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/20/2012

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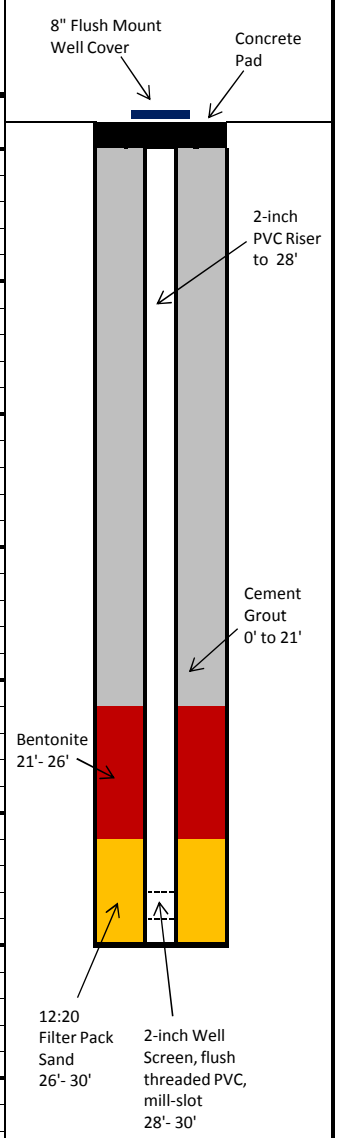
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION
					Ground Surface
		0 - 4		SM	No soil samples collected
5	20	4 - 6	131.5	SM	Dark brown silty medium to fine SAND, black staining 10' to 15'
		6 - 9			
10	100	9 - 11	1,665.0		
		11 - 14			
15	5	14 - 16	11,260.0		
		16 - 19			
20	40	19 - 21	1,589.0	SM	Light brown silty medium to fine SAND
		21 - 24			
25	40	24 - 26	217.5		
		26 - 29			
30	15	29 - 31	209.8	SM	White black silty medium to fine SAND, odor
					Boring terminated at 31 feet bgs. Well set at 30 feet bgs.
35					
40					
45					
50					

Material Settings

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I5
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 1
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/26/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/26/2012

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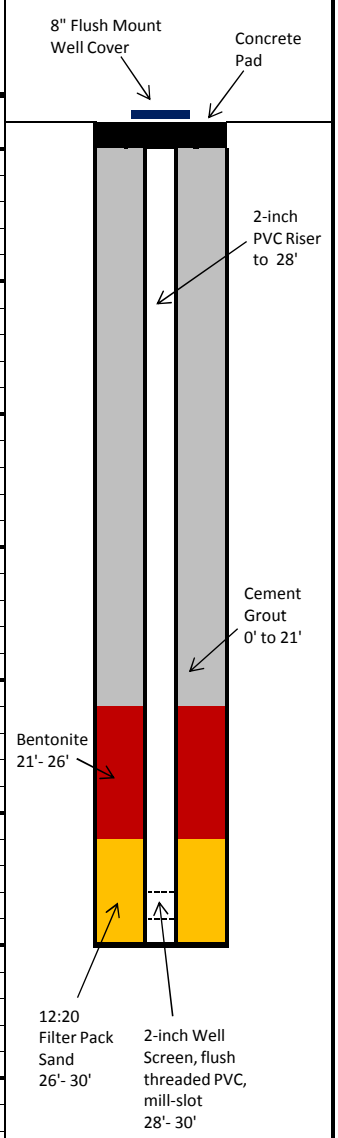
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
					Ground Surface	
0		0 - 4		SM	No soil samples collected	
5	100	4 - 6	4,463.0	SM	Dark brown silty medium to fine SAND, black staining	
		6 - 9				
10	100	9 - 11	15,000.0			
		11 - 14				
15	20	14 - 16	15,000.0	SM	Red silty medium to fine SAND	
		16 - 19				
20	60	19 - 21	15,000.0	SM	Gray pink silty medium to fine SAND *DYE TEST @ 20'	
		21 - 24				
25	100	24 - 26	5,281.0			
		26 - 29				
30	100	29 - 31	2,465.0			
					Boring terminated at 31 feet bgs. Well set at 30 feet bgs.	
35						
40						
45						
50						

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	**A1-I6**
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 1
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/26/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/26/2012

SAGE ENVIRONMENTAL CONSULTING

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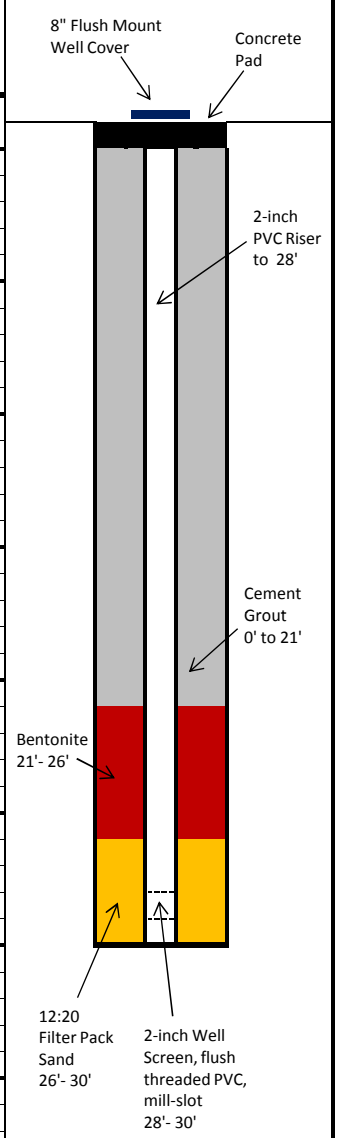
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
0					Ground Surface	
		0 - 4		SM	No soil samples collected	
5	100	4 - 6	4,440.0	SM	Dark brown silty medium to fine SAND, black staining	
		6 - 9				
10	100	9 - 11	10,215.0		Black red silty medium to fine SAND, moist	
		11 - 14				
15	100	14 - 16	15,000.0	SM	Black silty medium to fine SAND, debris (plastic and rubber fragments), black stained soils no longer visible after 20 feet (bottom of waste pit)	
		16 - 19				
20	100	19 - 21	14,307.0	SM	Gray pink silty medium to fine SAND, saprolitic	
		21 - 24				
25	100	24 - 26	7,516.0			
		26 - 29				
30	100	29 - 31	9,857.0			
					Boring terminated at 31 feet bgs. Well set at 30 feet bgs.	
35						
40						
45						
50						

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I7
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/27/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/27/2012

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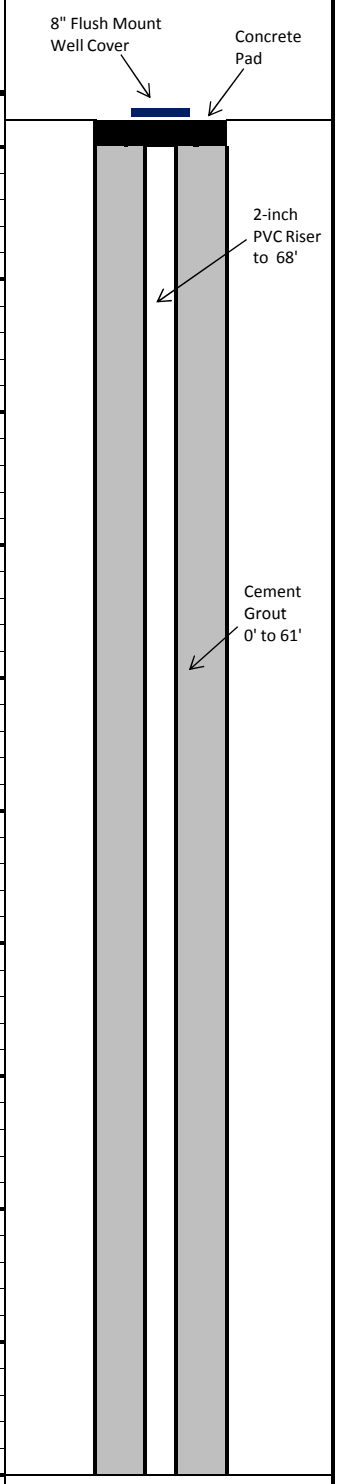
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION
					Ground Surface
0		0 - 4			No soil samples collected
5	100	4 - 6	1,666.0	SM	Dark brown silty medium to fine SAND
		6 - 9			
10	100	9 - 11	1,092.0		
		11 - 14			
15	60	14 - 16	62.7	SM	Red silty medium to fine SAND, saprolitic at 20'
		16 - 19			
20	100	19 - 21	45.0		
		21 - 24			
25	100	24 - 26	42.4	SM	Gray pink silty medium to fine SAND, saprolitic
		26 - 29			
30	100	29 - 31	20.8		
		31 - 34			
35	100	34 - 36	19.1		
		36 - 39			
40	100	39 - 41	36.5		
		41 - 44			
45	100	44 - 46	27.5		
					No samples collected after 46 feet due to groundwater
50					

Material Settings

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I7
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	2 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/27/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/27/2012

Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
50					No samples collected after 46 feet due to groundwater	
55						
60						
65						
70					Boring terminated at 70 feet. Set well at 70 feet bgs.	
75						
80						
85						
90						
95						

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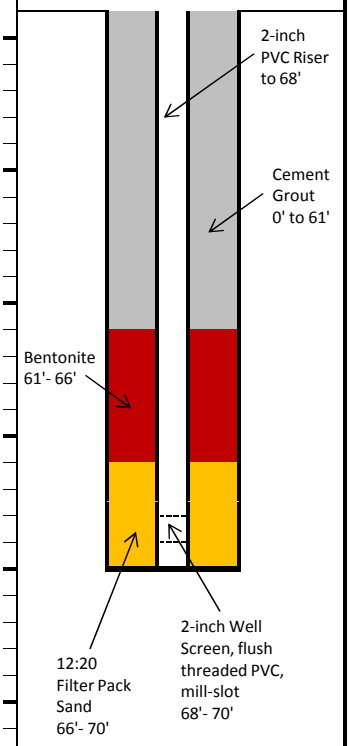
COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I9
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	1 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/27-28/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/28/2012

SAGE ENVIRONMENTAL CONSULTING
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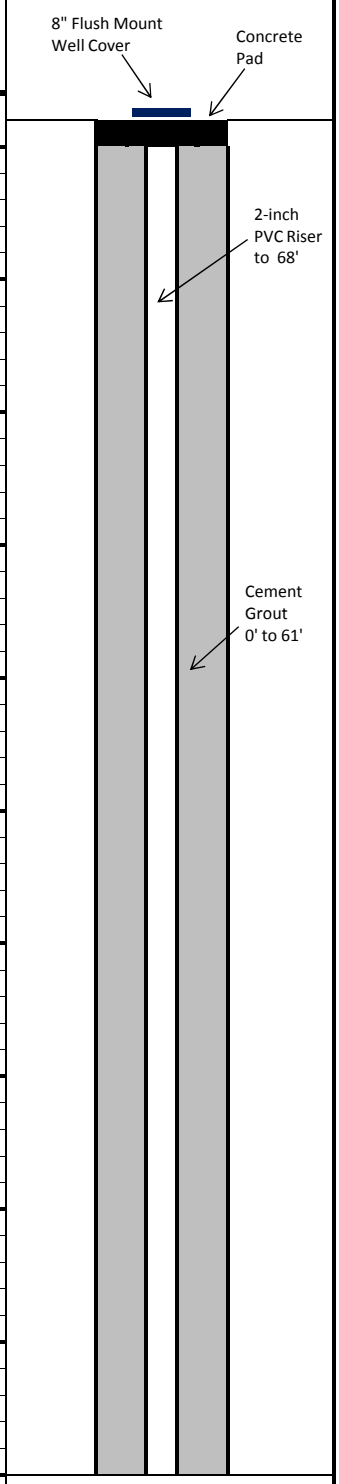
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION
0					Ground Surface
		0 - 4			No soil samples collected
5	100	4 - 6	24.0	SM	Dark red silty medium to fine SAND
		6 - 9			
10	100	9 - 11	25.8		
		11 - 14			
15	100	14 - 16	162.5		
		16 - 19			
20	100	19 - 21	75.2	SM	Red silty medium to fine SAND, saprolitic
		21 - 24			
25	100	24 - 26	1,428.0		
		26 - 29			
30	100	29 - 31	3,401.0	SM	Gray pink silty medium to fine SAND, saprolitic
		31 - 34			
35	100	34 - 36	5,750.0		
		36 - 39			
40	100	39 - 41	4,071.0		
		41 - 44			
45	100	44 - 46	15,000.0		
					No samples collected after 46 feet due to groundwater
50					

Material Settings

COMPLETION DATA



MONITOR WELL CONSTRUCTION LOG

Client	Genuine Parts Company	Top Well Casing (El)		GW Level ATB		Well No.	A1-I9
Job No.	1221-1-4	Ground Surface (El)		Static GW Level		Page	2 of 2
Logged By:	DA	Sampling Method	Split Spoon	Drilling Company	EEI	Date Drilled	11/27-28/2012
Project Name	eGEO Systems	Drilling Method	HSA & Air Hammer	Well Type	Flush Mount	Date Well Set	11/28/2012

SAGE ENVIRONMENTAL CONSULTING

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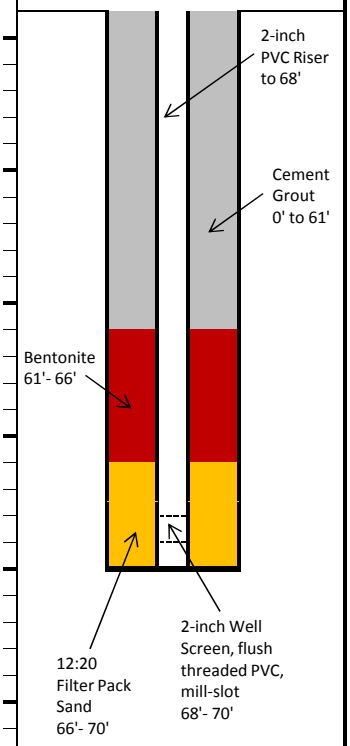
Depth (feet)	Sample Recovery %	Sample Depth (FEET)	PID Reading (PPM)	USCS Symbol	LITHOLOGIC DESCRIPTION	Material Settings
50					No samples collected after 46 feet due to groundwater	
55						
60						
65						
70					Boring terminated at 70 feet. Set well at 70 feet bgs.	
75						
80						
85						
90						
95						

COMPLETION DATA