

May 21, 2014

Mr. Charles Williams
Georgia Department of Natural Resources
Georgia Environmental Protection Division
Hazardous Sites Response Program
2 Martin Luther King Jr. Drive; Suite 1054
Atlanta, GA 30334

**Re: Response to EPD Comments
Voluntary Remediation Plan Application
Former Carolina Commercial Heat Treat
Georgia Hazardous Site Inventory No. 10341**

Dear Mr. Williams:

On behalf of our client, Rexmet Corporation (Rexmet), ENVIRON is pleased to submit this response to your comments regarding the application for enrollment of the referenced site into the Voluntary Remediation Program (VRP). The comments were received in a letter dated November 22, 2013. The comments are reproduced below with the response to each comment following in italics. Revised VRP text and figures are presented as an attachment to this letter.

1. Groundwater contamination exceeding risk reduction standards is known to exist on several downgradient properties, including, but not necessarily limited to, tax parcels 0700010001, 0710010003, and 071001002D. In accordance with our VIRP approval letter, Rexmet Corporation must apply to EPD by May 22, 2014 to include all known impacted properties as qualifying properties under the Act or notify EPD by said date that the known impacted properties will not be included in the program. In the event that no other properties are entered into the program, the Point of Exposure (POE) must be located at the downgradient property line of the CCHT property on the basis that impacted non-qualifying properties will be addressed within the HSRA regulatory framework, whereby all groundwater is considered potential drinking water (i.e., a theoretical POE). Assuming the properties are included in the program and UECs are filed, the UECs must restrict groundwater usage, and further development or residential use of the properties without vapor intrusion analysis.

Response: Rexmet has contacted the owners of the three properties downgradient from its facility that have been affected by the release. Rexmet is negotiating with one owner to purchase a portion of its property so that that property can be enrolled in the VRP. The owner of a second property has informed Rexmet that it will not decide whether it will agree to enroll its property while it is negotiating with another party concerning the potential sale of its property. The third property owner was initially willing to enroll its property in the VRP, but more recently has indicated that they are not receptive to the idea. Given how important it is for the success of Rexmet's VRP application to enroll these properties, we request a six-month extension on the deadline either to enroll these properties or inform EPD that some or all of them will not be included in the VRP site.

2. Although the VIRP proposes two years of monitoring to demonstrate compliance with the Act, further monitoring and/or fate and transport modeling may be necessary based on the groundwater and surface water sampling results.

Response: It is understood that, if groundwater or surface water concentrations increase over time, then additional groundwater monitoring and/or groundwater modeling may be necessary. However, based on recent sampling results it does not appear that this will be necessary. Surface water samples collected in April of this year were below the reporting limits, and groundwater sample results continue to remain stable or decrease.

3. Figure 5 shows air sparge (AS) and soil vapor extraction (SVE) points on the cross section. The cross section location map does not show the location of any of the points used. Please provide the location of the former AS/SVE system points on a figure in plan view.

Response: The requested AS/SVE well points are shown on the revised Figure 1, which is attached to this letter.

4. The discussion on the conceptual site model is not described very clearly and should be further substantiated with details on the distribution of PCE in the saprolite relative to depth and potential rebound effects with the AS/SVE system off.

Response: The text of the VRP (Section 4.2) has been revised to discuss the dissolved PCE distribution, as requested, and is provided in the attached revised VRP text which is contained in the Attachment.

5. An additional cross section perpendicular to A-A', from MW-14 to MW-29D, would be helpful in confirming the CSM. Revised cross sections should be submitted as part of an updated CSM in each future VRP progress report.

Response: The requested additional cross section B-B' is provided as Figure 5A, which is attached to this letter.

6. Please provide a map that summarizes the water well survey conducted and shows the location of the Accurate Transmission Shop well.

Response: The requested water well survey map is provided as Figure 1A, which is attached to this letter. As noted in the VRP Application, this well is upgradient/sidegradient of the former CCHT property.

7. Since PCE surface water screening criteria are higher than the current Georgia In Stream Water Quality Standards (GIWQS) as provided in Section 391-3-6-.03(5) of the Georgia Water Quality Control Act, the remedial criteria for surface water impacts is the GIWQS (3.3 µg/L). Consequently, surface water samples should be collected in conjunction with the semi-annual groundwater monitoring events to determine if additional action is warranted. Please relocate SW-02 to be more representative of the water quality in the retention pond at the intersection with the plume axis.

Response: Surface water samples were collected from the requested locations and are presented in the recently submitted semi-annual monitoring report. Analytical results show that PCE was not detected in the surface water samples greater than the 2 µg/L reporting limit.

8. Surface Water Clean Up Criteria - Using the intake rates provided on Tables F1a and F1b, EPD could not replicate the risk-based concentrations provided on Tables F6a and F6b. Additionally, Table F5 provides toxicity values for trichloroethene and not PCE. These criteria may need to be resubmitted for approval in the future depending on results from the surface water sampling.

Response: The following changes have been made to the Tables in Appendix F (Surface Water Risk Based Criteria) of the VRP, and are provided as an attachment to this letter:

- Table F5 has been revised with the updated toxicity values for PCE.*
- Tables F1a (Summary of Hazardous Risk – Trespasser Wading Exposure Calculations) has been revised with the updated toxicity value for PCE.*
- Tables F1b (Summary of Hazardous Risk – Trespasser Swimming Exposure Calculations) has been revised with the updated toxicity value for PCE.*
- Table F7 (Exposure Calculations) has been added to Appendix F showing the equations used to develop the risk based values.*

The recalculated risk-based values increased slightly from the previously-reported values. The risk-based value for PCE protective of a trespasser wading in the drainage swale increased from 0.0078 mg/L to 0.012 mg/L. The risk-based value for PCE protective of a trespasser swimming in the pond increased from 0.0025 mg/L to 0.0037 mg/L. Table 4 (Summary of Cleanup Goals) will be revised to reflect these changes, as will the text in Section 6.2. Based on this there continues to be no risk associated with the drainage swale and retention pond.

9. No field logs were provided with the report to show that samples from MW-27D, MW-28D, and MW-29D were collected as described in the section titled "Groundwater Sampling Methodology" of the May 2012 O&M Report. This data is needed to confirm the wells were sampled according to EPA guidance documents. In all future reports, please provide field sampling logs for each well where a sample is collected.

Response: Future reports that describe groundwater sampling will include field sampling logs for each well sampled.

10. Please provide laboratory reports and additional detail on the methods used for sampling temporary wells TW12-1 through 12-4, TW13-1, TW13-2, and MW-29D.

Response: The requested laboratory analytical reports are attached to this letter. The temporary wells (TW) were installed as 1-inch PVC wells. The sampling method was purging three well volumes with a disposable bailer and collecting the sample with the bailer used to purge the well. Deep well MW-29D was sampled using low flow techniques consistent with the technique used to sample the other wells in the monitoring network.

11. MW-28D was sampled using a bailer. Please note that the use of bailers for purging and sampling monitoring wells is discouraged by the Region 4 EPA Science and Ecosystem Support Division Operating Procedures. For future groundwater sampling at the site, please use a low-flow method described in SESDPROC-301-R3 (effective March 6, 2013).

Response: The groundwater sample was collected from MW-28D using a bailer after the well was pumped dry during the May 2, 2013, sampling event due to lack of recharge. This is consistent with the procedures described in SESDPROC-301-R3.

12. The laboratory detection limit for vinyl chloride was reported in recent laboratory reports at 5 µg/L. This should be 2 µg/L for all future analyses for vinyl chloride.

Response: The analytical laboratory has been notified of the proper detection limit for future groundwater sampling events. The 2 µg/L detection limit was used for analysis of the samples collected in April 2014 and reported in the recently submitted Semi-annual Groundwater Sampling Report. Vinyl chloride was not detected in the groundwater samples greater than the 2 µg/L detection limit.

13. A table summarizing well construction details is not provided in the reports for the monitoring wells on the site. Please provide a table summarizing well construction details (total depth, screen length, etc.) for all wells on-site.

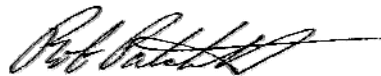
Response: A table summarizing well construction details has been prepared and is presented as Table 5 in the attachments at the end of this letter.

14. The last two data points in the trend chart for MW-25D in Appendix B are incorrect and should be corrected in future reporting.

Response: The trend chart for MW-25D has been updated with the correct data points and is included in the recently submitted semi-annual groundwater monitoring report.

If you have any questions about the attached report, or any other project matter, please feel free to contact me at any time.

Sincerely,



Robert Patchett, PG

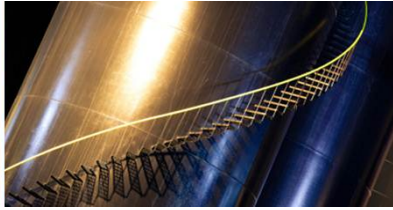
Manager

678.388.1664

rpatchett@environcorp.com

Enclosures

cc: John Rex, Rexmet Corporation
John Spinrad, Arnall Golden Gregory LLP.
Keith Cole, ENVIRON



Voluntary Remediation Plan and Application Carolina Commercial Heat Treat

Prepared for:
Carolina Commercial Heat Treat Site
1690 Highway 138
Conyers, Georgia
HSI No. 10341

On behalf of:
Rexmet Corporation
Lansdale, PA

Prepared by:
ENVIRON International Corporation

July 2013

Project Number:
0721924K



Contents

	Page
1 Introduction	1
2 Site Background	1
2.1 Site Description	2
2.2 Site History	2
Summary of Corrective Actions – Soil	4
Summary of Corrective Actions – Groundwater	4
3 Site Setting	4
3.1 Site Geology	4
3.2 Site Hydrogeology	4
3.2.1 Groundwater Flow Direction	5
4 Nature and Extent of Contamination	5
4.1 Soil	5
4.2 Groundwater	5
4.3 Surface Water	6
4.4 Summary	6
5 Exposure Assessment	6
5.1 Contaminant Sources and Release Mechanisms	7
5.2 Potential Receptors and Exposure Routes	7
5.2.1 Groundwater	7
5.2.2 Surface Water	7
5.3 Summary of Potentially Complete Exposure Pathways and CSM	8
6 Cleanup Goals	8
6.1 Commercial/Industrial Worker – Vapor Intrusion	8
6.2 Trespasser	9
6.2.1 Ecological Receptors	9
7 Proposed Corrective Action	9
8 Project Schedule	10
9 References	10

List of Tables

Table 1	Groundwater Levels and Elevations
Table 2	Summary of Groundwater Analytical Data
Table 3	Summary of Surface Water Analytical Data
Table 4	Summary of Cleanup Criteria

List of Figures

Figure 1	Site Layout
Figure 2	Shallow Bedrock Location Map
Figure 3	Potentiometric Surface Map, May 2013
Figure 4	Shallow Groundwater PCE isoconcentration Map, May 2013
Figure 5	Cross-Section A – A', May 2013
Figure 6	Conceptual Site Model (3D)
Figure 7	Conceptual Site Model (chart)

List of Attachments

Attachment A	VRP Application Form
--------------	----------------------

List of Appendices

Appendix A	Legal Description and Warranty Deed
Appendix B	PCE/Groundwater Trend Charts
Appendix C	Groundwater Analytical Data
Appendix D	Ecological Assessment
Appendix E	Calculation of Risk-Based Vapor Intrusion Criteria
Appendix F	Surface Water Risk-Based Criteria
Appendix G	Project Schedule and Milestones

Acronyms and Abbreviations

11DCE	1,1-Dichloroethene
12DCE	1,2-Dichloroethene
BTP	Bodycoat Thermal Processing
cm/sec	Centimeters per Second
CAP	Corrective Action Plan
cDCE	cis-1,2-Dichloroethene
CSM	Conceptual Site Model
CSR	Compliance Status Report
EDR	Environmental Data Resources
ft bgs	Feet Below Ground Surface
ft/day	Feet per Day
GA EPD	Georgia Environmental Protection Division
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
kg	Kilograms
m ³ /day	Cubic Meters per Day
mg/day	Milligrams per Day
mg/kg	Milligrams per kilogram
PCE	Perchloroethylene
RRS	Risk Reduction Standards
SVE	Solid Vapor Extraction
TCE	Trichloroethylene
USEPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VOC	Volatile Organic Compound
VRP	Voluntary Remediation Program

1 Introduction

This application to the Georgia Voluntary Remediation Program (VRP) has been prepared for Rexmet Corporation (Rexmet). Rexmet currently leases the property located at 1690 Highway 138 NE in Conyers Georgia to Bodycote Thermal Processing (BTP), formerly known as Carolina Commercial Heat Treat (CCHT), which operates a metals heat treating business on the property. The Georgia Environmental Protection Division (GA EPD) listed the property on the Georgia Hazardous Site Inventory (HSI) on July 1, 1995, as Number 10341, due to a historic release of perchloroethylene (PCE) in soil. In addition to PCE in the soil, PCE and its breakdown products trichloroethylene (TCE); cis1,2-dichloroethene (cDCE); and, 1,1-dichloroethene (11DCE) have been detected in the groundwater associated with the site. The groundwater impacts extend southeast from the former CCHT property across Highway 138. GA EPD determined that clean up levels have been met for the source materials and soil as stated in a March 2001 letter, subsequent investigation and corrective actions have focused on groundwater impacts across Highway 138.

The site has undergone a series of environmental assessments to characterize the nature and extent of impacts, including assessments based on GA EPD comments on multiple Compliance Status Reports (CSRs) and associated addenda. Characterization and delineation of the groundwater impacts have been ongoing since the site was listed on the HSI in 1995. During these assessment activities, a total of 29 groundwater monitoring wells have been installed upgradient, downgradient, and cross gradient of the property. ENVIRON has prepared this report on behalf of Rexmet in support of Rexmet's application to enroll the site in the VRP. The Voluntary Investigation and Remediation Plan Application Form is provided in **Attachment A**.

The remainder of this report is organized as follows:

- Section 2: Site Background
- Section 3: Site Setting
- Section 4: Nature and Extent of Contamination
- Section 5: Exposure Assessment
- Section 6: Cleanup Goals
- Section 7: Proposed Corrective Action
- Section 8: Project Schedule
- Section 9: References
- Attachment A: VRP Application Form
- Supporting Appendices

2 Site Background

This section of the report includes a description of the site and a site history, including the investigations and associated reports submitted to the GA EPD and a summary of soil and groundwater corrective actions associated with the site.

2.1 Site Description

The Former CCHT property is located at 1690 Highway 138 NE in Conyers, Rockdale County, Georgia, approximately 1.3 miles north of Interstate 20 (I-20). According to the Rockdale County Board of Assessors, the 1.7 acre property is currently owned and maintained by John Rex, and consists of Tax Parcel ID 069001003L. A warranty deed with a legal description of the property and a tax plat map are included in **Appendix A**. An asphalt parking lot exists on the south and southwest portions of the property. Residential properties are located north and west (upgradient) of the site and commercial/industrial properties are located south and east of the property. The topography southeast of Highway 138 consists of a steep grass slope and wooded area that leads to a surface water drainage swale. The intermittent storm water drainage swale also flows on the southern portion of the site to a retention pond. This drainage swale conveys precipitation run-off from along Highway 138 to the pond. The site layout presented in **Figure 1** includes the subject property as well as surrounding properties.

2.2 Site History

The initial investigative activities associated with the site culminated with the submittal of a Corrective Action Plan (CAP) in January 2001, which was approved by the GA EPD in March 2001. Based on the approved CAP, an air sparge/soil vapor extraction (SVE) remediation system was installed in 2001 to treat groundwater south of Highway 138. Additionally, an aggressive groundwater remedial action was conducted in early 2005 in the source area located at the front of the former CCHT building beneath the parking lot. A series of six multi-phase extraction (MPE) events were performed to remediate the groundwater at the source area.

Active remediation via the air sparge system was suspended in June 2009 while the SVE portion of the system remained in operation. It remained off to further evaluate the rebounding effect and the aquifer response in the remediation area. In September 2010, a mechanical failure of the SVE system caused a complete shutdown of the system. The remediation system has remained shut down as natural attenuation of the groundwater impacts are monitored.

In order to monitor the natural attenuation of the groundwater impacts following remediation, groundwater monitoring events have been performed semi-annually since 2009. Additionally, to evaluate possible groundwater impact on the intermittent drainage swale and retention pond, two surface water samples were collected from the confluence of the drainage swale and pond. During the monitoring period after the groundwater remediation system shut down groundwater concentrations have decreased by an order of magnitude. These activities are discussed in Section 4.4 of this report.

To assess the bedrock groundwater conditions and vertically delineate the groundwater impacts, deep groundwater monitoring wells were installed in 2012 and 2013. The well installation and groundwater characterization is discussed in Section 3 of this report. Attempted installation of additional shallow groundwater monitoring wells northeast and southeast of the former Carpenter Insulation building is also discussed in Section 3.1.

A summary listing of the investigative and remedial activities that have occurred since 1997 is presented below, followed by expanded information regarding the corrective actions performed at the site.

- April 1997: Evaluated the former degreasing pit area
- June 1997: Conducted source area SVE pilot test and designed SVE system
- January 1998: Installed and began operation of source area SVE system
- December 1998: Submitted Compliance Status Report
- January 1999: Sampled soil in source area following SVE operation
- March 1999: Submitted Compliance Status Report Addendum #1
- June 1999: Installed and sampled a deep monitoring well to define the vertical extent of impact (MW-10). Advanced five additional DPT borings (B-6 thru B-10) to address horizontal and vertical extent of soil impacts
- August 1999: Submitted Compliance Status Report Addendum #2
- December 1999: Offsite assessment using DPT screening. Installed and sampled two monitoring wells (MW-11 and MW-12) to assess groundwater impacts
- January 2000: Discontinued SVE remediation of former source area, performed supplemental groundwater sampling of selected monitoring wells
- February 2000: Conducted air sparge pilot test to design a system to address offsite groundwater impacts
- July 2000: Supplemental offsite assessment including DPT screening and surface water sampling.
- January 2001: Submitted Corrective Action Plan
- September 2001: Installed remediation wells
- January 2002: Baseline groundwater sampling event for all wells
- March 2002: Installed and start up air sparge/SVE remediation system
- July 2003: Submitted OM&M Report to EPD; air sparge system re-design and retrofit performed and system started up
- March 2005: Commenced onsite source removal via six MPE episodic events
- 2005 – 2012: Performed semi-annual groundwater sampling in March and September each year, culminating with submittal of annual Operation, Maintenance, & Monitoring (OM&M) Reports in June
- February 2012: Groundwater remediation system shut down

Summary of Corrective Actions – Soil

The soil was characterized during assessment activities performed in 1994 through 1997. The source of contamination was identified as a former degreasing pit and septic system that were used in the mid-1980s. An SVE system operated on site from 1998 to 2000 to remediate the source area soil contamination. The GA EPD determined that clean up levels have been met for the source materials and soil as stated in a March 2001 letter.

Summary of Corrective Actions – Groundwater

An air sparge/SVE remediation system has been the primary method for remediating groundwater at the site. A description of the system operation and performance is presented below.

As described in the CAP, the remediation system was designed to function as a sparge treatment and barrier wall (“curtain”) for the chlorinated constituents that have migrated from the former CCHT property in the groundwater. The system performance and uptime percentage is an indicator of the effectiveness of treating the contaminants in groundwater as it passed through the curtain. Prior to the actual blower malfunction in September 2010, the SVE system was operating at greater than 95 percent run-time. The SVE system has remained off while evaluating the groundwater concentrations, and is currently off as groundwater attenuation is being monitored. The remedial activities have substantially reduced the groundwater concentrations on site creating a detached plume downgradient of the site that is naturally attenuating. Groundwater quality is discussed in Section 4.3 of this report.

3 Site Setting

3.1 Site Geology

The geology at the site and surrounding properties is variable, and this variability has controlled the migration of the groundwater contaminants. Specifically, a localized bedrock high area has been identified immediately northwest (upgradient) of the site, while a steep drop and localized bedrock low area has been identified to the southeast (downgradient). This is followed by a second localized bedrock high area further to the southeast. The bedrock low area situated between the two localized bedrock high areas essentially creates a depressed area of bedrock situated underneath and/or immediately downgradient of the suspected release area.

Shallow bedrock observed north of the drainage swale (adjacent to the east side of the former Carpenter Insulation building) is likely limiting groundwater migration to the east, as groundwater is not present in the overburden in this area. Numerous attempts to install shallow overburden wells northeast and southeast of the building were performed in 2006 and 2011. In all cases, bedrock was encountered above the water table; therefore, shallow monitoring wells could not be installed. Additionally, bedrock is at the ground surface on the northeast side of the building confirming the shallow rock presence along the east side of the groundwater plume. These locations are identified on **Figure 2**.

3.2 Site Hydrogeology

Well yield tests performed during investigations activities in January 1998 indicated monitoring wells would produce an estimated 0.5 to 1.5 gallons per minute. A sodium bromide injection study performed in 2000 yielded an estimated groundwater flow velocity range of 0.1 to 12 feet

per day. Some of the shallow groundwater beneath the site appears to flow into the underlying bedrock as it moves downgradient, after which it ultimately discharges to the retention pond.

3.2.1 Groundwater Flow Direction

Based on current and historic groundwater sampling events, the groundwater flows generally to the southeast, consistent with the surface topography. The groundwater gradient for these events was approximately 0.025 ft/ft as measured between wells MW-4 and MW-19, which is consistent with the historic data.

Groundwater elevations have shown little fluctuation since the submittal of the 2005 OM&M Report. Graphical representations of groundwater elevation changes for monitoring wells are included in the PCE concentration trend charts located in **Appendix B**. Depth to groundwater measurements and corresponding groundwater elevations are presented for the May 2013, and previous groundwater sampling events in **Table 1**.

Monitoring well locations and general site features are shown on **Figures 1 and 2**. The potentiometric surface map based on the May 2013 gauging data is presented as **Figure 3**. The groundwater elevation data for all these monitoring events are presented in **Table 1**.

4 Nature and Extent of Contamination

The source area was identified as a former degreasing pit located in the central portion of the facility which was filled with concrete in the mid-1980s, and a former septic system located in the southern portion of the property. Based on data presented in historic CSRs and the CAP, as well as recent OM&M reports, the soil has been characterized and remediated and the groundwater impacts have been delineated. This information is discussed further in the following subsections.

4.1 Soil

Based on assessment activities performed from 1994 through 1997 soil impacts were limited to the central portion of the former CCHT property. Following the SVE remedial activities the GA EPD determined that clean up levels have been met for the soil as stated in a March 2001 letter.

4.2 Groundwater

Volatile organic compounds (VOCs) have been detected in groundwater at the site. A summary of historic and recent VOC concentrations in groundwater are presented in **Table 2**.

During the most recent sampling event (May 2013), PCE concentrations were detected greater than the 5 µg/L detection limit in 12 of the 29 monitoring wells. Concentrations of PCE ranged from 5.7 µg/L in MW-12 to 318 µg/L in MW-25D. Several breakdown products of PCE (including TCE, 11DCE, and cDCE) have been historically detected in the downgradient monitoring wells at the site. The laboratory analytical data is presented in **Appendix C**.

Contaminant concentrations were plotted against time to show the trending of the chemical constituent to allow an analysis of the fate and transport mechanisms and natural attenuation conditions that are occurring in the subsurface. Additionally, water table elevations were plotted with the concentration trends to depict the water table fluctuations that were occurring during the sampling period. This was done to evaluate whether a correlation exists between water table conditions and changing contaminant concentrations. Graphical trend analyses of historic PCE concentrations were prepared for select wells and are presented in **Appendix B**.

Concentrations of PCE have generally trended downward and have been relatively stable from December 2009 through May 2013. The most dramatic downward trend in groundwater concentrations has been observed in the bedrock wells. During the monitoring period after the groundwater remediation system shut down groundwater concentrations have decreased by an order of magnitude. The extent of impacted groundwater has been delineated to the GA EPD Type 1 Risk Reduction Standard for PCE of 5 µg/L. The extent of the impacts have been defined in the upgradient direction (MW-3, MW-4, and MW-5), downgradient direction (MW-16 and MW-17), and vertically (MW-28D). In addition the groundwater impacts have been delineated laterally to the southwest in permanent wells (MW-11 and MW-29D) and temporary monitoring wells (TW13-1 and TW13-2), and to the northeast by wells (MW-9R and MW-22) and shallow bedrock.

Dissolved PCE has migrated from the shallow groundwater located in the soil at the former CCHT location and moved with the groundwater southeast and vertically downward to the top of the weathered granite bedrock immediately southeast of Hwy 138. The retention pond located southeast of the Carpenter Insulation Building has been identified as a groundwater discharge point. As the dissolved PCE migrates southeast from Hwy. 138, it appears to move vertically upward toward the retention pond as shown on Cross Section A-A' (Figure 5). PCE concentrations have decreased to only slightly greater than detection limits at the former CCHT property, and concentrations in the top of the bedrock have decrease by approximately 50 percent. This decreasing trend in PCE concentrations is expected to continue as the dissolved PCE flows with the groundwater from northwest to southeast.

The groundwater analytical results are summarized in **Table 2**, and **Figure 4** presents the results for the constituents that were detected during the May 2013 monitoring event. Groundwater PCE concentrations from the May 2013 sampling event are also illustrated in **Figure 5**, which shows contaminant distribution in cross-section along the plume axis.

4.3 Surface Water

Two surface water samples were collected during the February 2012 semi-annual groundwater sampling event. The surface water samples were collected at the entrance to, and just downstream of the confluence of the intermittent drainage swale and the pond (**Figure 2**). The only constituent detected was PCE, which was detected in the sample collected at the entrance of the drainage swale to the retention pond. The sample contained PCE at a concentration of 5.37 µg/L, which is only slightly greater than the detection limit of 5.0 µg/L, and only slightly greater than the Georgia In-Stream Water Quality Standard (ISWQS) for PCE of 3.3 µg/L. The surface water analytical results are summarized in **Table 3**. The surface water sampling activities are described in **Appendix D**.

4.4 Summary

Based on current site conditions, horizontal and vertical delineation has been achieved for the site-related regulated substances associated with the site.

5 Exposure Assessment

This section presents the exposure assessment for the site, in which currently complete and reasonably-anticipated future exposure pathways are identified. To identify these pathways, the contaminant sources and release mechanisms are presented, followed by the potential

receptors and associated exposure routes. Based on this information, a site-specific conceptual site model (CSM) is developed.

5.1 Contaminant Sources and Release Mechanisms

The sources of the regulated substances detected at the site are the former degreasing pit located in the central portion of the property and the former septic system located in the southern portion of the property. It is possible that the degreasing pit leaked during its usage, with the regulated substances in the material that leaked from the degreasing pit reaching the surrounding soil and then reaching the groundwater via infiltration and leaching from the soil. Releases from the former septic system likely reached the groundwater in the same manner as those from the degreasing pit.

5.2 Potential Receptors and Exposure Routes

The potential receptors for media impacted by site-related constituents were identified based on current and reasonably-anticipated land use at the site. Once the receptors and associated media are identified, the exposure routes (e.g., ingestion, dermal contact, inhalation) for each receptor are specified. Each combination of source, release mechanism, receptor, and exposure route is termed an exposure pathway, and each currently complete or reasonably complete future exposure pathway will be considered in the development of cleanup goals for the site (**Section 6**). Because the GA EPD determined that clean up levels have been met for the source materials and soil, the exposure assessment for the former CCHT site is focused on groundwater and surface water.

5.2.1 Groundwater

Currently, the groundwater at the site is not used as a source of potable water, and it is unlikely that that situation will change as potable water to the area is supplied by Rockdale Public Water. To further evaluate potential groundwater receptors, ENVIRON conducted a well survey in February 2012. The well survey identified one well within a 1-mile radius of the site. The well that was identified was located at 1706 Highway 138 NE (approximately 700 feet from the site), which is side- and/or upgradient of the site, and supplies water to the bathroom at the Accurate Transmission automobile maintenance shop. Groundwater is not being used as a source of drinking water in the area. In addition, because the depth to groundwater at the site is approximately 20 feet, exposures to utility and construction workers are not considered likely. Based on this information, there are no current or reasonably anticipated future complete pathways associated with ingestion of or dermal contact with the groundwater at the site. However, inhalation of vapors from the VOCs in the groundwater that migrate upwards through the soil and into an onsite building (i.e., via vapor intrusion) may occur. Therefore, inhalation exposure to VOCs in the groundwater via vapor intrusion will be evaluated and groundwater cleanup goals based on this exposure pathway will be developed.

5.2.2 Surface Water

The portion of the site that is across Highway 138 contains a retention pond and an intermittent drainage swale that directs precipitation to the retention pond. Groundwater that is impacted by site-related constituents may also enter the retention pond and drainage swale. While it is unlikely that significant human exposures to the surface water in these two features is occurring or will occur, potential incidental ingestion of and dermal contact with surface water by trespassers will be evaluated and cleanup goals based on this exposure pathway will be

developed. In addition, the ecological reconnaissance (see **Appendix D**) indicated that wildlife receptors are present in the most downstream portions of the drainage swale. Therefore, direct contact with surface water by ecological receptors represents a potentially complete exposure pathway and cleanup goals based on this exposure pathway will be considered and/or developed.

5.3 Summary of Potentially Complete Exposure Pathways and CSM

Based on the site data and available information, the potentially complete exposure pathways associated with the site are:

- Exposure of commercial/industrial workers to constituents in the groundwater via vapor intrusion and subsequent inhalation;
- Exposure of trespassers to constituents in the surface water via incidental ingestion and dermal contact; and,
- Exposure of ecological receptors to constituents in the surface water via direct contact.

The conceptual site model that depicts and summarizes the potentially complete exposure pathways (contaminant sources, release mechanisms, exposure media, receptors, and exposure routes) is presented in **Figure 6 and Figure 7**.

6 Cleanup Goals

The subject property is currently used for industrial purposes and will remain as such in the future. Site-specific cleanup goals were developed for the identified potentially complete exposure pathways (i.e., vapor intrusion into the buildings and direct contact with the surface water). As such, commercial/industrial workers, trespassers, and ecological receptors were considered in the development of the cleanup goals (**Figure 7**). To calculate these cleanup goals, the exposure factor values used to calculate the criteria were obtained from federal guidance (USEPA, 2000; USEPA, 2004; USEPA, 2012) and professional judgment, and discussed below.

6.1 Commercial/Industrial Worker – Vapor Intrusion

Commercial/industrial workers were assumed to have a body weight of 70 kilograms (kg) and be present at work for 8 hours per day over the course of 250 days per year for 25 years (EPD, 2009; USEPA, 2012). To be consistent with HSRA, the target hazard index (noncarcinogens) was 1 and the target cancer risk was 1E-05 for Class A and Class B carcinogens and 1E-04 for Class C and Class D carcinogens. These exposure factors, target hazard index, and target cancer risk were used in USEPA's Vapor Intrusion Screening Level (VISL) Calculator (USEPA, 2012) which calculates the cleanup goals for groundwater that are protective of the commercial/industrial worker exposed to the vapors in the building. The input for and output of the VISL Calculator and the generated cleanup goals for groundwater are provided in **Appendix E**. Cleanup goals are presented in **Table 4**.

Based on a comparison of the maximum detected concentrations of VOCs in groundwater with vapor intrusion criteria calculated, PCE was detected in one location (MW-25D) at the site at a concentration (318 ug/L) that exceeds the cleanup goal for PCE of 240 ug/L (**Figure 7**). However, this location is not under or in immediate proximity to current site structures or downgradient structures at which workers might be exposed to indoor air.

6.2 Trespasser

Both youth and adult trespassers were assumed to be present at the site. The youth were assumed to have a body weight of 45 kg and the adult to have a body weight of 70 kg. They were assumed to ingest 50 ml/event of surface water from the pond during swimming activities and 10 ml/event of surface water from the drainage swale during wading activities (USEPA, 2000). Each event was assumed to be 1 hour/day for 26 days per year based on professional judgment. This assumes that the trespasser visits the site once a week for six months a year (based on seasonal temperatures). The youth is expected to be exposed for 10 years and the adult for 30 years (USEPA, 2004). The target hazard index and target cancer risk was that same as discussed above.

The risk-based cleanup criteria for trespassers exposed to the surface water were calculated in accordance with USEPA's Risk Assessment Guidance for Superfund – Part B and Part E (USEPA, 1991; USEPA, 2004). The equations, input parameters, and calculations are provided in **Appendix F**. PCE, the only constituent detected in the surface water, was detected in the drainage swale at a concentration of 0.00537 mg/L which is less than the risk-based criteria of 0.012 mg/L (**Table 4**) calculated for a trespasser wading in the swale. Constituents were not detected in the surface water collected from the pond.

6.2.1 Ecological Receptors

The concentration of PCE detected in the drainage swale collected downstream of the site (0.00537 mg/L) was compared to state and federal ecological surface water criteria (**Appendix D, Table 1**). This concentration of PCE is more than one order of magnitude less than the most conservative criteria (i.e., USEPA Region 4 Chronic Surface Water Screening Benchmark; also presented in **Table 4**). As such, it is unlikely that PCE impacts to the surface water pose an unacceptable risk to wildlife receptors.

7 Proposed Corrective Action

Based on the current site conditions (**Section 3**), the exposure pathways (**Section 5**), and the cleanup goals (**Section 6**), the following corrective actions are proposed for the site:

Groundwater

There is no direct exposure to groundwater via ingestion or dermal contact at or within 1,000 feet of the site. Additionally, the maximum concentrations that are estimated to discharge to the drainage swale and pond are significantly less than the ecological criteria. With the exception of PCE in MW-25D (located downgradient of the site and not in proximity to other buildings), groundwater concentrations of VOCs do not exceed the cleanup goals for commercial/industrial workers exposed to groundwater via vapor intrusion. Therefore, corrective action for vapor intrusion is not required. However, risks associated with vapor intrusion will be assessed prior to future development.

To monitor the groundwater at the site, semi-annual sampling of 11 shallow monitoring wells (MW-6, MW-8R, MW-12, MW-14, MW-15, MW-18, MW-19, MW-20, MW-21, MW-23, MW-24) and 3 deep monitoring wells (MW-25D, MW-26D, and MW-27D) is proposed for 2 years after the site is accepted into the VRP. The results of these sampling events will be included in future Annual Status Reports.

Surface Water

VOCs were not detected in the most recent samples collected from the retention pond. The concentration of PCE detected in surface water collected from the intermittent drainage swale was less than the human health cleanup goal for a trespasser and ecological criteria. As such, corrective action for surface water is not warranted.

In addition to the proposed annual monitoring of groundwater, an environmental covenant will be executed for the site in conformance with O.C.G.A. 44-61-1, et seq., the “Georgia Uniform Environmental Covenants Act.” This covenant will require that no drinking water wells will be installed on the site, and any future construction plans for a building on the site will be evaluated for risks associated with vapor intrusion.

8 Project Schedule

The proposed schedule for continuing activities at the site is presented in **Appendix G**. An updated CSM (if indicated) and the required cost estimate associated with the site will be submitted within 30 months of acceptance into the VRP, and a final CSR will be submitted within 60 months of acceptance into the VRP.

9 References

- Clark, William Z., and Zisa, Arnold C. 1976. Physiographic Map of Georgia. Georgia Department of Natural Resources, Geologic and Water Resources Division. 1 pl.
- Clarke, John S., Hackle, Charles M., and Peck, Michael F. 1990. Geology and Ground-Water Resources of the Coastal Area of Georgia; Georgia Geologic Survey Bulletin 113. 12 pl.
- Georgia Environmental Protection Division (EPD). 2009. Hazardous Site Response Act, Chapter 391-3-19. Georgia Department of Natural Resources.
- USEPA, 1991. Risk Assessment Guidance for Superfund Volume I – Human Health Evaluation Manual (Part B, Development of Risk-based Preliminary Remediation Goals). EPA/540/R-92/003. December.
- USEPA, 2004. Risk Assessment Guidance for Superfund Volume I – Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment). EPA/540/R/99/005. July.
- USEPA, 2012. Vapor Intrusion Screening Level (VISL) Calculator and User’s Guide. VISL Calculator Version 3.0, November 2012 RSLs. December.

L:\Loop Project Files\00_CAD FILES\07CCHT_2012 VRP Activities 07-21924H\2014-0101_Site Layout.dwg

LEGEND

 MONITORING WELL

 TEMPORARY GROUNDWATER MONITORING WELL (AUGUST 1, 2012)

 TEMPORARY GROUNDWATER MONITORING WELL (MAY 3, 2013)

 DRAINAGE SWALE

 AIR SPARGE LOCATION

 SVE LOCATION

SITE LAYOUT

CCHT - CONVEYS, GEORGIA

HSI No. 10341



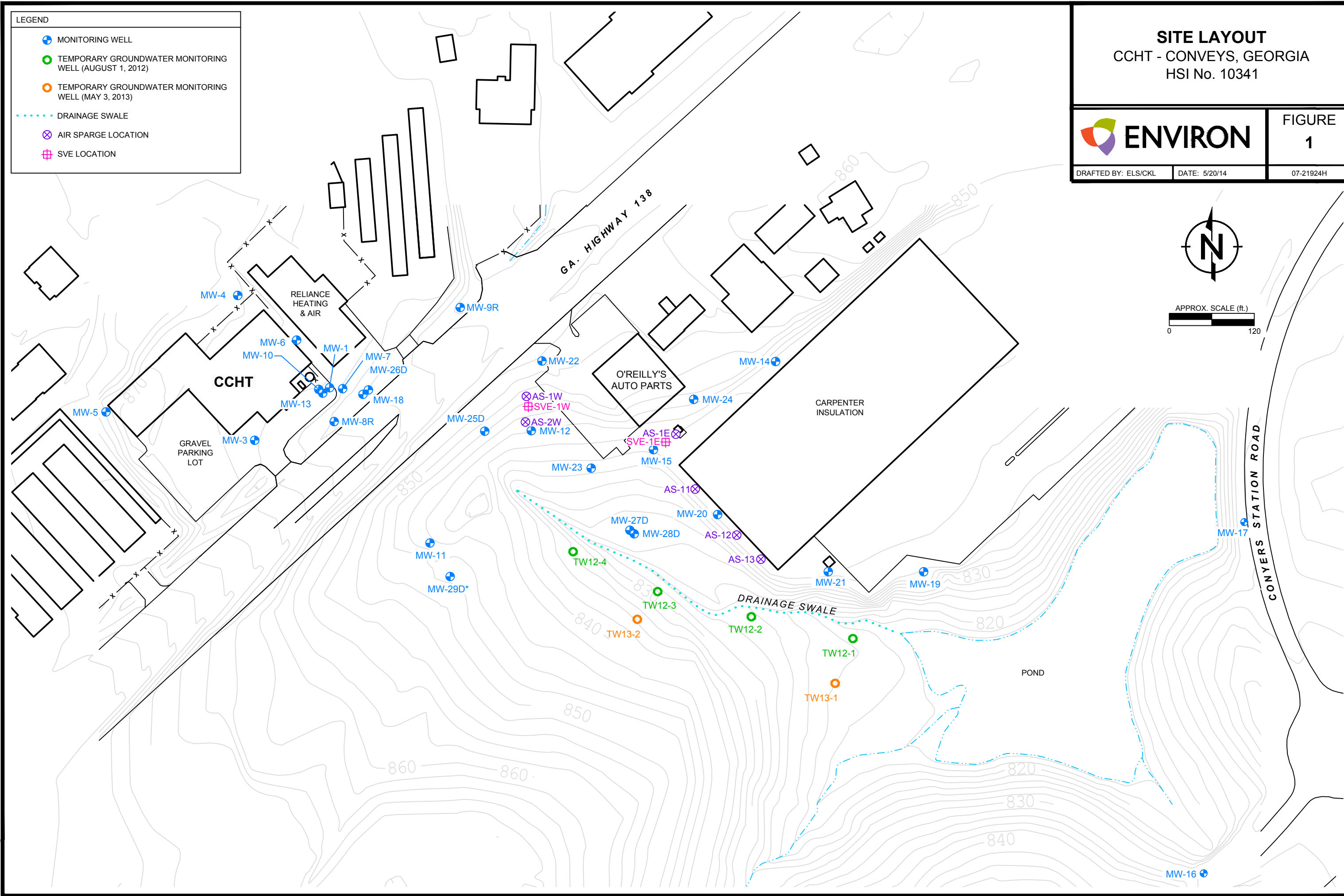
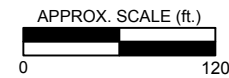
FIGURE

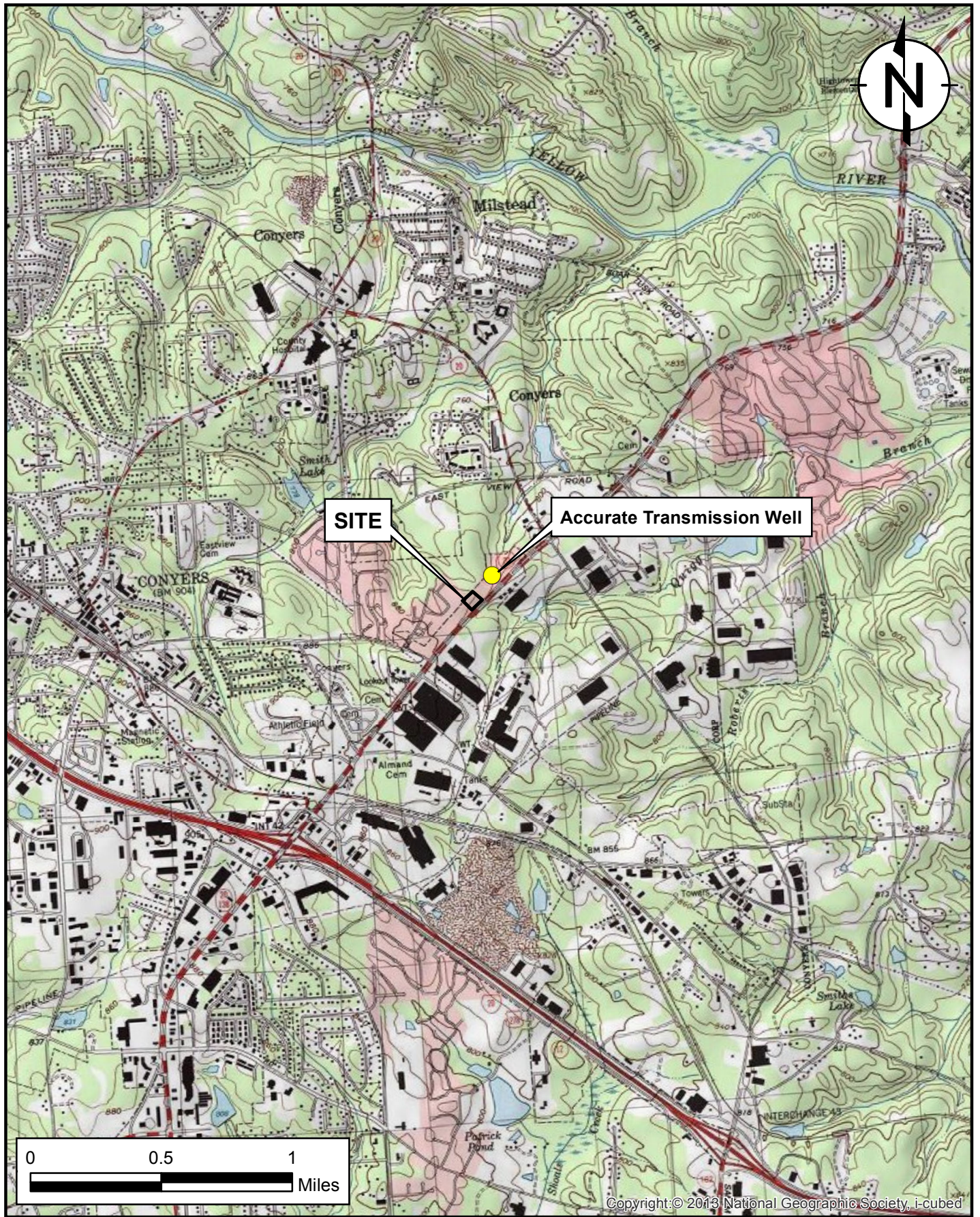
1

DRAFTED BY: ELS/CKL

DATE: 5/20/14

07-21924H





P:\CCHT\Figures\GIS\MXD\Figure 1A_Supply Well Location Map.mxd



SUPPLY WELL LOCATION MAP

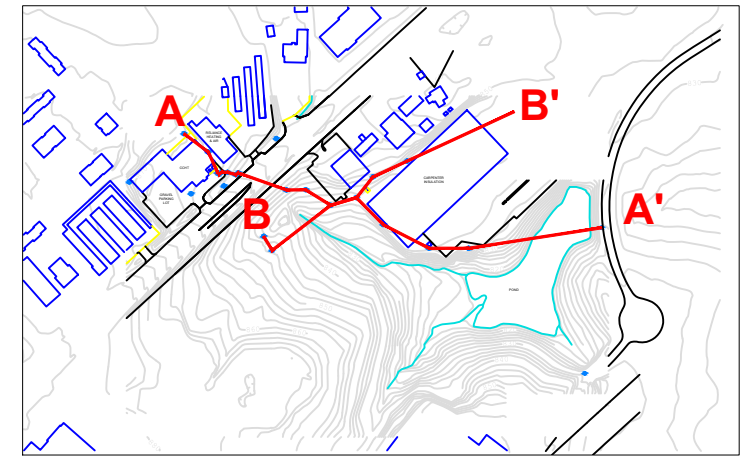
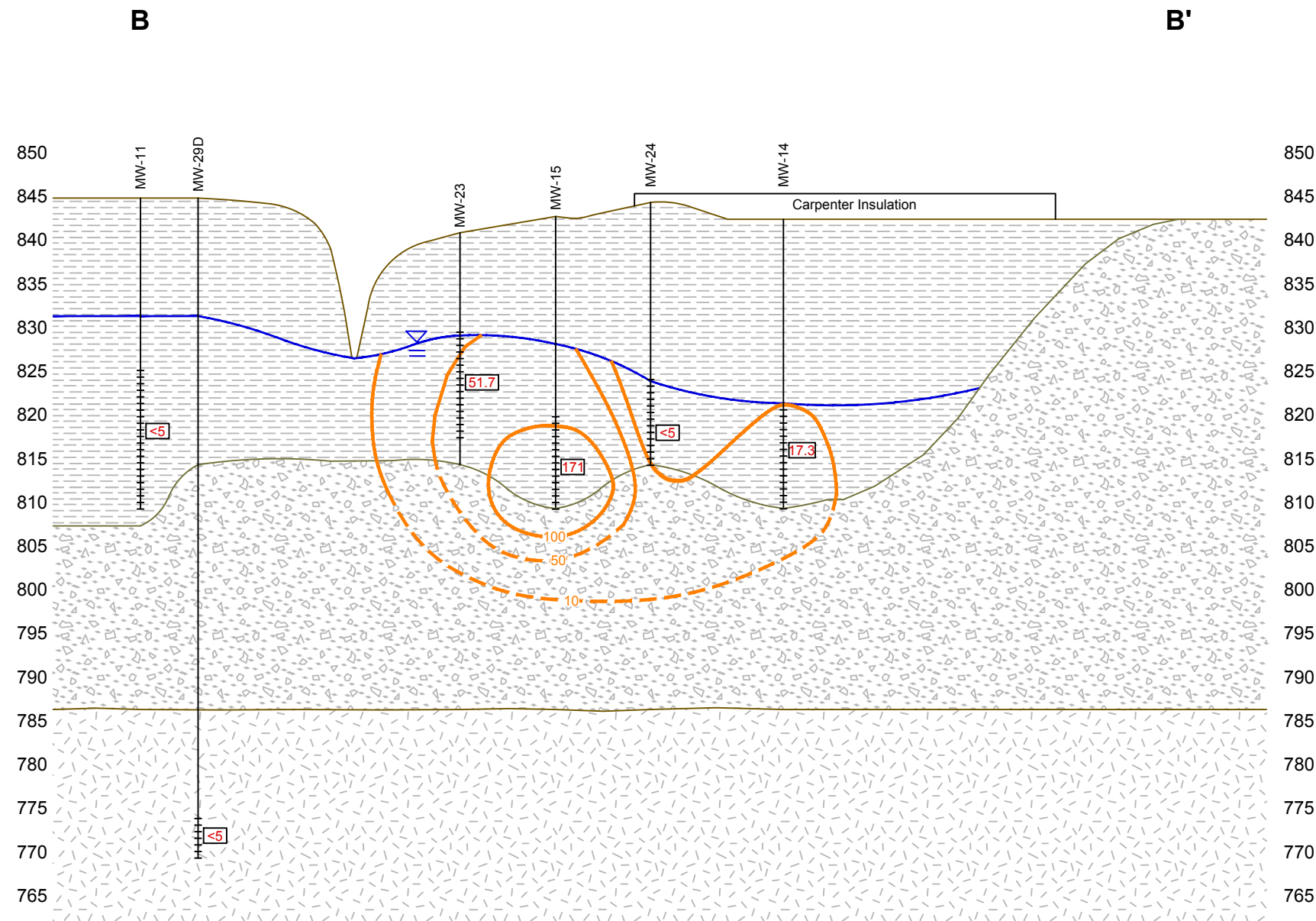
CCHT- CONYERS, GEORGIA

Figure
1A

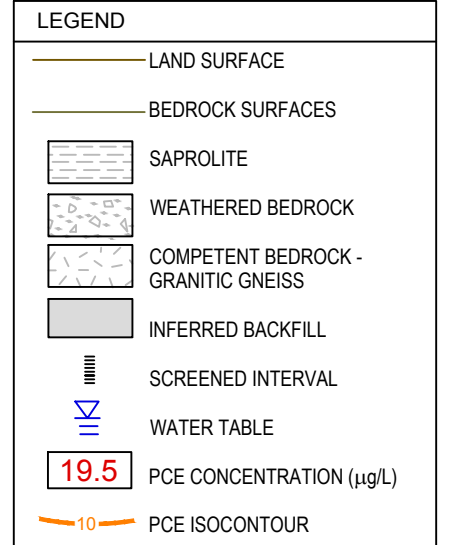
DRAFTED BY: HThompson DATE: 5/20/2014

07-21924K

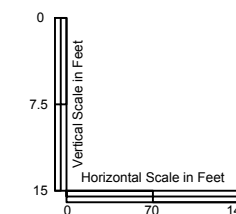
L:\Loop Project Files\00_CAD FILES\07\CCHT_2012 VPR Activities 07-21924H\2014-01\15A_Cross-Section B-B' May 2013.dwg



CROSS-SECTION LOCATION MAP



- NOTES:
1. WATER LEVEL MEASUREMENTS USED TO CONSTRUCT THE WATER TABLE WERE RECORDED ON 3/31/09.
 2. PCE CONCENTRATION DATA ARE FROM GROUNDWATER SAMPLES COLLECTED BETWEEN 03/31/09 AND 04/02/09.
 3. GROUNDWATER DATA FOR MW-25D AND MW-26D WERE NOT USED TO CONSTRUCT THE WATER TABLE.
- MW = MONITORING WELLS
AS = AIR SPARGE WELLS
SVE = SOIL VAPOR EXTRACTION WELLS



CROSS-SECTION B-B'
MAY 2013
CCHT - CONYERS, GEORGIA
HSI No. 10341



DRAFTED BY: CKL

DATE: 5/20/14

FIGURE
5A

07-21924H

Table 5 - Well Construction Details
CCHT - HSI No. 10341
Conyers, Georgia

Well I.D.	Date Installed	Total Depth (ft bgs)	Screened Interval (ft bgs)	Top of Casing Elevation (ft AMSL)
MW-1	10/15/1993	35.5	25.3-35.3	865.81
MW-3	3/28/1995	30.3	15.2-30.2	866.61
MW-4	3/28/1995	35	14.8-34.8	874.16
MW-5	3/29/1995	25	5.0-20.0	873.58
MW-6	11/28/1995	30	10.0-30.0	868.76
MW-7	11/29/1995	31	18.0-33.0	863.60
MW-8R	9/6/2006	30	15.0-30.0	863.24
MW-9R	9/6/2006	30	15.0-30.0	857.16
MW-10	6/18/1999	65	55.0-65.0	866.14
MW-11	12/27/1999	25	14.5-24.5	847.53
MW-12	12/27/1999	24.5	13.5-23.5	846.59
MW-13	3/27/2000	38	27.5-37.5	866.00
MW-14	7/7/2000	33	23.0-33.0	842.24
MW-15	7/7/2000	33	23.0-33.0	843.25
MW-16	7/26/2000	29	19.0-29.0	830.18
MW-17	7/26/2000	15	3.5-14.5	826.35
MW-18	9/6/2006	30	15.0-30.0	861.56
MW-19	9/7/2006	21	11.0-21.0	836.42
MW-20	9/7/2006	25	10.0-25.0	841.37
MW-21	9/7/2006	25	10.0-25.0	838.58
MW-22	6/12/2007	35	15.0-35.0	854.34
MW-23	6/12/2007	24	9.0-24.0	841.56
MW-24	6/12/2007	30	15.0-30.0	847.36
MW-25D	6/18/2007	70	61.0-66.0	850.17
MW-26D	6/15/2007	88.5	81.0-88.0	861.26
MW-27D	5/16/2012	70	60.0-70.0	834.31
MW-28D	5/8/2012	120	110.0-120.0	834.18
MW-29D	5/2/2013	70	64.5-69.5	NA

NA - Not Available

Table F1a
Summary of the Exposure Factors and Intake Calculations for the Trespasser (Swimming)
Carolina Commercial Heat Treat
Conyers, Georgia

<u>SURFACE WATER</u>	
<u>Incidental Ingestion:</u>	<u>Dermal Contact:</u>
Intake = $\frac{C_w \times IR_w \times ET \times EF \times ED}{BW \times AT}$	Intake = $\frac{C_w \times DA_{\text{event sw}} \times EV \times EF \times ED \times SA}{BW \times AT}$
	$DA_{\text{event sw}} = \text{see Table F2 and Table F3}$

<u>Exposure Assumptions:</u>			Trespasser (Swimming)	
			Youth (6-16)	Adult
EF	Exposure frequency (days/yr)	=	26 (a)	26 (a)
ED	Exposure duration (years)	=	10 (a)	30 (b)
BW	Body weight (kg)	=	45 (a)	70 (a)
AT _{nc}	Averaging time - noncarc. (days)	=	3,650	10,950
AT _c	Averaging time - carc. (days)	=	25,550	25,550
SA _{sw/sd}	Surface area - surface water/sediment (cm ²)	=	12,350 (b)	18,000 (b)
C _w	Concentration in water (mg/L)	=	chemical specific	
IR _w	Ingestion rate for water (l/hour)	=	0.05 (c)	0.05 (c)
EV	Event frequency (events/day)	=	1 (d)	1 (d)
ET _{sw/sd}	Exposure time (hours/event)	=	1 (d)	1 (d)

			Trespasser	
			Youth (6-16)	Adult
Incidental Ingestion of Surface Water Intake (noncarc.) =	C _w x		7.91E-05	5.09E-05
Incidental Ingestion of Surface Water Intake (carc.) =	C _w x		1.13E-05	2.18E-05
Dermal Contact with Surface Water Intake (noncarc.) =	C _w x DA _{event sw} x		1.95E+01	1.83E+01
Dermal Contact with Surface Water Intake (carc.) =	C _w x DA _{event sw} x		2.79E+00	7.85E+00

Sources:

- (a) Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, 2002).
- (b) Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) (USEPA, 2004).
- (c) Region 4 Human Health Risk Assessment Bulletins - Supplement to RAGS (USEPA, 2000).
- (d) Professional judgment.

Table F5
Toxicity Values
Carolina Commercial Heat Treat
Conyers, Georgia

Constituent	Cancer Classification Group	Oral Reference Dose (mg/kg-day)	(Ref)	Inhalation Reference Concentration (mg/m ³)	(Ref)	Oral Cancer Slope Factor (mg/kg-day) ⁻¹	(Ref)	Unit Risk Factor (m ³ /mg)	(Ref)
tetrachloroethene	C-B2	6.0E-03	1	4.0E-02	1	2.1E-03	1	2.6E-04	1

References: 1) USEPA. 2012. Regional Screening Levels for Chemical Contaminants at Superfund Sites

Table F6a
Summary of Hazard and Risk - Trespasser (Swimming) Exposure to Surface Water
Carolina Commercial Heat Treat
Conyers, Georgia

Constituent	Maximum Detected Concentration (mg/L)	Trespasser RBC - Noncarcinogenic		Trespasser RBC - Carcinogenic
		Youth RBC (mg/L)	Adult RBC (mg/L)	Adult RBC (mg/L)
Tetrachloroethene	0.00537	8.30E-04	8.86E-04	1.6E-04

$$\text{Noncarcinogenic RBC} = \frac{\frac{1}{(\text{Target Hazard Index} \times \text{RfD}) / \text{Ingestion Intake (Table F1a)}}}{1} + \frac{\frac{1}{(\text{Target Hazard Index} \times \text{RfD}) / (\text{Dermal Intake [Table F1a]} \times \text{DAevent [Table F3a]})}}{1}$$

$$\text{Carcinogenic RBC} = \frac{\frac{1}{\text{Target Cancer Risk} / (\text{CSF} \times \text{Ingestion Intake [Table F1a]})}}{1} + \frac{\frac{1}{\text{Target Cancer Risk} / (\text{CSF} \times \text{Dermal Intake [Table F1a]} \times \text{DAevent [Table F3a]})}}{1}$$

Target Cancer Risk = 1.00E-06

Target Hazard Index = 1

RfD and CSF provided on Table F5

Note: The constituents detected in the surface water are not carcinogens with a mutagenic mode of action; therefore, the age-dependent adjustment factors were not applied to the calculations.

Table F1b

Summary of the Exposure Factors and Trespasser Intake Calculations (Wading)
Carolina Commercial Heat Treat
Conyers, Georgia

SURFACE WATER	
Incidental Ingestion:	Dermal Contact:
Intake = $\frac{C_w \times IR_w \times ET \times EF \times ED}{BW \times AT}$	Intake = $\frac{C_w \times DA_{\text{event sw}} \times EV \times EF \times ED \times SA}{BW \times AT}$
	DA _{event sw} = see Table F2 and F3

			Trespasser (Wading)			
			Youth (6-16)		Adult	
EF	Exposure frequency (days/yr)	=	26	(a)	26	(a)
ED	Exposure duration (years)	=	10	(a)	30	(b)
BW	Body weight (kg)	=	45	(a)	70	(a)
AT _{nc}	Averaging time - noncarc. (days)	=	3,650		10,950	
AT _c	Averaging time - carc. (days)	=	25,550		25,550	
SA _{sw/sd}	Surface area - surface water/sediment (cm ²)	=	3,100	(b)	5,700	(b)
C _w	Concentration in water (mg/L)	=	chemical specific			
IR _w	Ingestion rate for water (l/hour)	=	0.01	(c)	0.01	(c)
EV	Event frequency (events/day)	=	1	(d)	1	(d)
ET _{sw/sd}	Exposure time (hours/event)	=	1	(d)	1	(d)

			Trespasser	
			Youth (6-16)	Adult
Incidental Ingestion of Surface Water Intake (noncarc.) =	C _w x		1.58E-05	1.02E-05
Incidental Ingestion of Surface Water Intake (carc.) =	C _w x		2.26E-06	4.36E-06
Dermal Contact with Surface Water Intake (noncarc.) =	C _w x DA _{event sw} x		4.91E+00	5.80E+00
Dermal Contact with Surface Water Intake (carc.) =	C _w x DA _{event sw} x		7.01E-01	2.49E+00

Sources:

- (a) Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (USEPA, 2002).
 (b) Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) (USEPA, 2004).
 (c) Region 4 Human Health Risk Assessment Bulletins - Supplement to RAGS (USEPA, 2000).
 (d) Professional judgment.

Table F6b
Summary of Hazard and Risk - Trespasser (Wading) Exposure to Surface Water
Carolina Commercial Heat Treat
Conyers, Georgia

Constituent	Maximum Detected Concentration (mg/L)	Trespasser RBC - Noncarcinogenic		Trespasser RBC - Carcinogenic
		Youth RBC (mg/L)	Adult RBC (mg/L)	Adult RBC (mg/L)
Tetrachloroethene	0.00537	3.31E-03	2.80E-03	5.2E-04

$$\text{Noncarcinogenic RBC} = \frac{1}{\frac{1}{(\text{Target Hazard Index} \times \text{RfD})/\text{Ingestion Intake (Table F1b)}} + \frac{1}{(\text{Target Hazard Index} \times \text{RfD})/\text{Dermal Intake (Table F1b)}}}$$

$$\text{Carcinogenic RBC} = \frac{1}{\frac{1}{\text{Target Cancer Risk}/(\text{CSF} \times \text{Ingestion Intake [Table F1b]})} + \frac{1}{\text{Target Cancer Risk}/(\text{CSF} \times \text{Dermal Intake [Table F1b]})}}$$

Target Cancer Risk = 1.00E-06
 Target Hazard Index = 1

RfD and CSF provided on Table F5

Target Cancer Risk = 1.00E-06

Target Hazard Index = 1

EPC Exposure Point Concentration
 HQ Hazard Quotient
 HI Hazard Index (sum of HQ for each pathway)

Note: The constituents detected in the surface water are not carcinogens with a mutagenic mode of action; therefore, the age-dependent adjustment factors were not applied to the calculations.

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

**7979 GSRI Avenue
Baton Rouge, LA 70820**

Report Date 08/07/2012

GCAL Report 212080311



Deliver To ENVIRON
1600 Parkwood Circle
Suite 310
Atlanta, GA 30339
678-388-1663

Attn Ryan Slakman

Project CCHT

CASE NARRATIVE

Client: ENVIRON International Corp **Report:** 212080311

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.

No anomalies were found for the analyzed sample(s).

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.

Robyn Miguez
Technical Director
GCAL REPORT 212080311

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031101	TW12-01	Water	08/01/2012 11:45	08/03/2012 10:20
21208031102	TW12-02	Water	08/01/2012 12:40	08/03/2012 10:20
21208031103	TW12-03	Water	08/01/2012 15:30	08/03/2012 10:20
21208031104	TW12-04	Water	08/01/2012 16:55	08/03/2012 10:20
21208031105	MW-11	Water	08/01/2012 18:15	08/03/2012 10:20
21208031106	TRIP BLANK	Water	08/01/2012 00:00	08/03/2012 10:20

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031101	TW12-01	Water	08/01/2012 11:45	08/03/2012 10:20

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	6.21	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031103	TW12-03	Water	08/01/2012 15:30	08/03/2012 10:20

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.29	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031101	TW12-01	Water	08/01/2012 11:45	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 16:25	CLH	487032

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031101	TW12-01	Water	08/01/2012 11:45	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 16:25	CLH	487032

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	6.21	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.9	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	77 - 127
2037-26-5	Toluene d8	50	49.1	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.3	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031102	TW12-02	Water	08/01/2012 12:40	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 16:47	CLH	487032

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031102	TW12-02	Water	08/01/2012 12:40	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 16:47	CLH	487032

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.3	ug/L	101	78 - 130
1868-53-7	Dibromofluoromethane	50	50.3	ug/L	101	77 - 127
2037-26-5	Toluene d8	50	49.8	ug/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.3	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031103	TW12-03	Water	08/01/2012 15:30	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 17:09	CLH	487032

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031103	TW12-03	Water	08/01/2012 15:30	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 17:09	CLH	487032

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.29	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.8	ug/L	100	78 - 130
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	49.9	ug/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.1	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031104	TW12-04	Water	08/01/2012 16:55	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 17:31	CLH	487032

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031104	TW12-04	Water	08/01/2012 16:55	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 17:31	CLH	487032

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	50.1	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	49.4	ug/L	99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031105	MW-11	Water	08/01/2012 18:15	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 17:52	CLH	487032

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031105	MW-11	Water	08/01/2012 18:15	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 17:52	CLH	487032

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	49.7	ug/L	99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.8	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031106	TRIP BLANK	Water	08/01/2012 00:00	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 18:14	CLH	487032

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21208031106	TRIP BLANK	Water	08/01/2012 00:00	08/03/2012 10:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	08/04/2012 18:14	CLH	487032

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.8	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	49.6	ug/L	99	77 - 127
2037-26-5	Toluene d8	50	50	ug/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50	ug/L	100	71 - 127

GC/MS Volatiles Quality Control Summary

Analytical Batch 487032 Prep Batch N/A		Client ID MB487032 GCAL ID 1093259 Sample Type Method Blank Analytical Date 08/04/2012 13:08 Matrix Water			LCS487032 1093260 LCS 08/04/2012 11:38 Water			LCSD487032 1093284 LCSD 08/04/2012 12:00 Water			
SW-846 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	<5.00	5.00	50.0	43.5	87	44 - 156	46.4	93	6	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	52.8	106	76 - 130	54.6	109	3	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	51.7	103	74 - 125	52.9	106	2	30
75-25-2	Bromoform	<5.00	5.00	50.0	47.4	95	64 - 122	49.7	99	5	30
74-83-9	Bromomethane	<5.00	5.00	50.0	57.5	115	47 - 138	63.1	126	9	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	43.4	87	69 - 136	44.2	88	2	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	51.0	102	76 - 128	51.6	103	1	30
75-00-3	Chloroethane	<5.00	5.00	50.0	63.2	126	62 - 141	67.1	134	6	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	101	101	74 - 126	103	103	2	30
67-66-3	Chloroform	<5.00	5.00	50.0	50.4	101	75 - 122	50.8	102	0.8	30
74-87-3	Chloromethane	<5.00	5.00	50.0	50.7	101	59 - 132	57.9	116	13	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	50.3	101	71 - 123	52.2	104	4	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	50.1	100	72 - 129	52.6	105	5	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	50.4	101	58 - 140	52.2	104	4	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	52.5	105	74 - 127	52.7	105	0.4	30
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	49.9	100	71 - 129	51.9	104	4	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	51.9	104	73 - 130	53.0	106	2	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	50.5	101	69 - 132	50.6	101	0.2	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	48.1	96	68 - 132	49.7	99	3	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	50.3	101	72 - 128	51.5	103	2	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	51.3	103	71 - 132	52.9	106	3	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	52.2	104	71 - 131	54.1	108	4	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	51.2	102	74 - 126	51.7	103	1	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	45.2	90	50 - 135	49.5	99	9	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	52.3	105	71 - 125	52.6	105	0.6	30
78-93-3	2-Butanone	<5.00	5.00	50.0	45.1	90	58 - 137	48.1	96	6	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	55.2	110	57 - 141	66.3	133	18	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	47.0	94	57 - 132	50.3	101	7	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	51.3	103	75 - 129	50.9	102	0.8	30
100-42-5	Styrene	<5.00	5.00	50.0	51.8	104	71 - 127	53.2	106	3	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	51.9	104	68 - 128	51.2	102	1	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	50.3	101	75 - 124	51.2	102	2	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	47.9	96	70 - 122	50.9	102	6	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 487032 Prep Batch N/A		Client ID MB487032 GCAL ID 1093259 Sample Type Method Blank Analytical Date 08/04/2012 13:08 Matrix Water			LCS487032 1093260 LCS 08/04/2012 11:38 Water			LCSD487032 1093284 LCSD 08/04/2012 12:00 Water			
SW-846 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	51.3	103	61 - 135	53.4	107	4	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	51.4	103	76 - 126	51.6	103	0.4	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	48.6	97	72 - 121	51.2	102	5	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	56.5	113	72 - 136	55.2	110	2	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	49.3	99	70 - 120	51.1	102	4	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	49.9	100	74 - 125	51.7	103	4	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	51.2	102	71 - 132	52.2	104	2	30
75-01-4	Vinyl chloride	<5.00	5.00	50.0	55.4	111	68 - 132	53.1	106	4	30
95-47-6	o-Xylene	<5.00	5.00	50.0	51.2	102	73 - 130	51.8	104	1	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	43.5	87	57 - 121	48.4	97	11	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	49.1	98	70 - 124	52.3	105	6	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	33.2	66	54 - 147	32.9	66	0.9	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	49.6	99	71 - 125	51.7	103	4	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	102	102	74 - 128	104	104	2	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	51.5	103	71 - 129	51.9	104	0.8	30
1330-20-7	Xylene (total)	<15.0	15.0	150	152	101	74 - 127	155	103	2	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	43.1	86	56 - 132	48.6	97	12	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	51.3	103	77 - 124	50.8	102	1	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	42.9	86	72 - 136	42.2	84	2	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	52.0	104	72 - 131	51.0	102	2	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	49.5	99	74 - 122	51.2	102	3	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	48.9	98	71 - 120	50.5	101	3	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	50.0	100	72 - 127	51.4	103	3	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	49.5	99	75 - 126	51.3	103	4	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	50.0	100	72 - 126	50.5	101	1	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	51.6	103	70 - 136	52.4	105	2	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	50.2	100	74 - 126	51.6	103	3	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	49.4	99	72 - 122	51.9	104	5	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	52.8	106	69 - 134	52.7	105	0.2	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	50.6	101	71 - 126	51.8	104	2	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	54.8	110	61 - 144	53.9	108	2	30
91-20-3	Naphthalene	<5.00	5.00	50.0	46.6	93	57 - 138	52.1	104	11	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	44.6	89	69 - 129	45.9	92	3	20

GC/MS Volatiles Quality Control Summary

Analytical Batch 487032 Prep Batch N/A		Client ID MB487032 GCAL ID 1093259 Sample Type Method Blank Analytical Date 08/04/2012 13:08 Matrix Water		LCS487032 1093260 LCS 08/04/2012 11:38 Water			LCSD487032 1093284 LCSD 08/04/2012 12:00 Water						
SW-846 8260B				Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
				Result	RDL	Added			Limits % R			Limit	
71-43-2	Benzene	<5.00	5.00	50.0	49.8	100	70 - 129	50.6	101	2	20		
79-01-6	Trichloroethene	<5.00	5.00	50.0	49.8	100	76 - 129	50.6	101	2	20		
108-88-3	Toluene	<5.00	5.00	50.0	50.0	100	72 - 120	51.1	102	2	20		
108-90-7	Chlorobenzene	<5.00	5.00	50.0	51.1	102	74 - 123	51.9	104	2	20		
Surrogate													
460-00-4	4-Bromofluorobenzene	49.9	100	50	50.5	101	78 - 130	50.8	102				
1868-53-7	Dibromofluoromethane	50.6	101	50	50	100	77 - 127	50.6	101				
2037-26-5	Toluene d8	50	100	50	49.1	98	76 - 134	50.3	101				
17060-07-0	1,2-Dichloroethane-d4	50.8	102	50	50.5	101	71 - 127	50.1	100				

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP		212080311		CHECKLIST		
Client 4447 - ENVIRON International Corp	Transport Method FEDEX	Were all samples received using proper thermal preservation?		☒ Yes	☐ No	☐ NA
		When used, were all custody seals intact?		☒ Yes	☐ No	☐ NA
		Were all samples received in proper containers?		☒ Yes	☐ No	☐ NA
Profile 229430 - CCHT	Received By Pfeifer, Ben J.	Were all samples received using proper chemical preservation?		☒ Yes	☐ No	☐ NA
		Was preservative added to any container at the lab?		☐ Yes	☒ No	☐ NA
		Were all containers received in good condition?		☒ Yes	☐ No	☐ NA
		Were all VOA vials received with no head space?		☒ Yes	☐ No	☐ NA
		Do all sample labels match the Chain of Custody?		☒ Yes	☐ No	☐ NA
		Did the Chain of Custody list the sampling technician?		☒ Yes	☐ No	☐ NA

COOLERS		DISCREPANCIES	LABORATORY PRESERVATIONS
Airbill	Temp(oC)	None	None
7938 6139 2694	3.5		

NOTES	
--------------	--

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

**7979 GSRI Avenue
Baton Rouge, LA 70820**

Report Date 05/13/2013

GCAL Report 213050419



Deliver To ENVIRON
1600 Parkwood Circle
Suite 310
Atlanta, GA 30339
678-388-1663

Attn Ryan Slakman

Project CCHT/07-21924K

Case Narrative

Client: ENVIRON International Corp **Report:** 213050419

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 SW-846 8260B analysis, samples 21305041924 (MW-25D) and 21305041918 (MW-19) 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.

In the SW-846 8260B analysis for analytical batch 506802, the LCS and/or LCSD recoveries are above the upper control limit for Vinyl Acetate and 2,2-Dichloropropane. 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

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 213050419

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041901	MW-01	Water	05/01/2013 17:12	05/04/2013 09:45
21305041902	MW-03	Water	05/01/2013 17:57	05/04/2013 09:45
21305041903	MW-04	Water	05/03/2013 11:05	05/07/2013 09:20
21305041904	MW-05	Water	05/02/2013 09:10	05/04/2013 09:45
21305041905	MW-06	Water	05/02/2013 08:00	05/04/2013 09:45
21305041906	MW-07	Water	05/02/2013 16:00	05/04/2013 09:45
21305041907	MW-08R	Water	05/01/2013 12:28	05/04/2013 09:45
21305041908	MW-09R	Water	05/01/2013 18:30	05/04/2013 09:45
21305041909	MW-10	Water	05/01/2013 15:22	05/04/2013 09:45
21305041910	MW-11	Water	05/03/2013 09:42	05/04/2013 09:45
21305041911	MW-12	Water	05/02/2013 11:40	05/04/2013 09:45
21305041912	MW-13	Water	05/01/2013 16:08	05/04/2013 09:45
21305041913	MW-14	Water	05/02/2013 15:00	05/04/2013 09:45
21305041914	MW-15	Water	05/02/2013 17:00	05/04/2013 09:45
21305041915	MW-16	Water	05/02/2013 17:40	05/04/2013 09:45
21305041916	MW-17	Water	05/02/2013 08:25	05/04/2013 09:45
21305041917	MW-18	Water	05/01/2013 15:07	05/04/2013 09:45
21305041918	MW-19	Water	05/02/2013 10:22	05/04/2013 09:45
21305041919	MW-20	Water	05/02/2013 11:30	05/04/2013 09:45
21305041920	MW-21	Water	05/02/2013 09:30	05/04/2013 09:45
21305041921	MW-22	Water	05/02/2013 12:25	05/04/2013 09:45
21305041922	MW-23	Water	05/03/2013 09:05	05/04/2013 09:45
21305041923	MW-24	Water	05/02/2013 15:52	05/04/2013 09:45
21305041924	MW-25D	Water	05/02/2013 15:00	05/04/2013 09:45
21305041925	MW-26D	Water	05/01/2013 15:50	05/04/2013 09:45
21305041926	MW-28D	Water	05/03/2013 15:50	05/04/2013 09:45
21305041927	TWP 13-1	Water	05/03/2013 11:00	05/04/2013 09:45
21305041928	TWP 13-2	Water	05/03/2013 10:30	05/04/2013 09:45
21305041929	MW-29D	Water	05/03/2013 11:30	05/04/2013 09:45
21305041930	TRIP BLANK	Water	05/03/2013 00:00	05/04/2013 09:45
21305041931	DUP-01	Water	05/03/2013 00:00	05/04/2013 09:45
21305041932	DUP-02	Water	05/03/2013 00:00	05/04/2013 09:45
21305041933	MW-27D	Water	05/03/2013 11:17	05/07/2013 09:20

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041905	MW-06	Water	05/02/2013 08:00	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	13.2	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041907	MW-08R	Water	05/01/2013 12:28	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	16.7	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041911	MW-12	Water	05/02/2013 11:40	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.27	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041913	MW-14	Water	05/02/2013 15:00	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.3	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041914	MW-15	Water	05/02/2013 17:00	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	171	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041918	MW-19	Water	05/02/2013 10:22	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
75-35-4	1,1-Dichloroethene	5.81	5.00		ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041918	MW-19	Water	05/02/2013 10:22	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	183	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041919	MW-20	Water	05/02/2013 11:30	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	12.7	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041920	MW-21	Water	05/02/2013 09:30	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	44.8	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041922	MW-23	Water	05/03/2013 09:05	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	51.7	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041924	MW-25D	Water	05/02/2013 15:00	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	318	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041925	MW-26D	Water	05/01/2013 15:50	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.45	5.00		ug/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041929	MW-29D	Water	05/03/2013 11:30	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-66-3	Chloroform	8.05	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041931	DUP-01	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	15.6	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041932	DUP-02	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.05	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041933	MW-27D	Water	05/03/2013 11:17	05/07/2013 09:20

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
67-66-3	Chloroform	5.00	5.00		ug/L
127-18-4	Tetrachloroethene	89.5	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041901	MW-01	Water	05/01/2013 17:12	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 04:05	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041901	MW-01	Water	05/01/2013 17:12	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 04:05	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.4	ug/L	105	78 - 130
1868-53-7	Dibromofluoromethane	50	53.4	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	52.2	ug/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51	ug/L	102	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041902	MW-03	Water	05/01/2013 17:57	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 04:27	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041902	MW-03	Water	05/01/2013 17:57	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 04:27	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	51.9	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	50	54.3	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	51.7	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041903	MW-04	Water	05/03/2013 11:05	05/07/2013 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/10/2013 18:46	CLH	507106

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041903	MW-04	Water	05/03/2013 11:05	05/07/2013 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/10/2013 18:46	CLH	507106

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.8	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	50.1	ug/L	100	77 - 127
2037-26-5	Toluene d8	50	51.5	ug/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041904	MW-05	Water	05/02/2013 09:10	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 04:50	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041904	MW-05	Water	05/02/2013 09:10	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 04:50	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	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	53.3	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	52.6	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.8	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041905	MW-06	Water	05/02/2013 08:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 05:12	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041905	MW-06	Water	05/02/2013 08:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 05:12	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	13.2	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	53.5	ug/L	107	78 - 130
1868-53-7	Dibromofluoromethane	50	54.1	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	52.3	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041906	MW-07	Water	05/02/2013 16:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 05:35	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041906	MW-07	Water	05/02/2013 16:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 05:35	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.9	ug/L	106	78 - 130
1868-53-7	Dibromofluoromethane	50	54.2	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	52.7	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.1	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041907	MW-08R	Water	05/01/2013 12:28	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 05:57	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041907	MW-08R	Water	05/01/2013 12:28	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 05:57	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	16.7	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.4	ug/L	105	78 - 130
1868-53-7	Dibromofluoromethane	50	54.6	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	52.9	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.7	ug/L	99	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041908	MW-09R	Water	05/01/2013 18:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 06:21	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041908	MW-09R	Water	05/01/2013 18:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 06:21	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	53.1	ug/L	106	78 - 130
1868-53-7	Dibromofluoromethane	50	53	ug/L	106	77 - 127
2037-26-5	Toluene d8	50	53.5	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.7	ug/L	103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041909	MW-10	Water	05/01/2013 15:22	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 06:43	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041909	MW-10	Water	05/01/2013 15:22	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 06:43	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.1	ug/L	104	78 - 130
1868-53-7	Dibromofluoromethane	50	53.8	ug/L	108	77 - 127
2037-26-5	Toluene d8	50	52.3	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041910	MW-11	Water	05/03/2013 09:42	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 07:05	CLH	506693

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041910	MW-11	Water	05/03/2013 09:42	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 07:05	CLH	506693

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	52.3	ug/L	105	78 - 130
1868-53-7	Dibromofluoromethane	50	53.7	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	52.9	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49.9	ug/L	100	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041911	MW-12	Water	05/02/2013 11:40	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 12:24	AMD	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041911	MW-12	Water	05/02/2013 11:40	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 12:24	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.27	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	48	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.2	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.9	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041912	MW-13	Water	05/01/2013 16:08	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 12:46	AMD	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041912	MW-13	Water	05/01/2013 16:08	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 12:46	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	48	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.8	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.3	ug/L	97	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041913	MW-14	Water	05/02/2013 15:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 13:07	AMD	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041913	MW-14	Water	05/02/2013 15:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 13:07	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	17.3	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.3	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	47	ug/L	94	77 - 127
2037-26-5	Toluene d8	50	53.7	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.6	ug/L	95	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041914	MW-15	Water	05/02/2013 17:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 13:28	AMD	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041914	MW-15	Water	05/02/2013 17:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 13:28	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	171	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.9	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	48	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.4	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.9	ug/L	98	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041915	MW-16	Water	05/02/2013 17:40	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 13:50	AMD	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041915	MW-16	Water	05/02/2013 17:40	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 13:50	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	47.8	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.3	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.1	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041916	MW-17	Water	05/02/2013 08:25	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 14:11	JCK	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041916	MW-17	Water	05/02/2013 08:25	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 14:11	JCK	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.4	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	47.4	ug/L	95	77 - 127
2037-26-5	Toluene d8	50	54	ug/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.4	ug/L	95	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041917	MW-18	Water	05/01/2013 15:07	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 14:32	JCK	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041917	MW-18	Water	05/01/2013 15:07	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 14:32	JCK	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	47.2	ug/L	94	77 - 127
2037-26-5	Toluene d8	50	53.6	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.3	ug/L	97	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041918	MW-19	Water	05/02/2013 10:22	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 14:53	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	5.81	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	<5.00	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041918	MW-19	Water	05/02/2013 10:22	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 14:53	AMD	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.8	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	48.1	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.1	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.7	ug/L	95	71 - 127

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/07/2013 15:00	AMD	506802

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	183	25.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	226	ug/L	90	78 - 130
1868-53-7	Dibromofluoromethane	250	271	ug/L	108	77 - 127
2037-26-5	Toluene d8	250	224	ug/L	90	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	270	ug/L	108	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041919	MW-20	Water	05/02/2013 11:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 13:40	AMD	506802

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041919	MW-20	Water	05/02/2013 11:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 13:40	AMD	506802

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	12.7	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.9	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	50	53.5	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	46.3	ug/L	93	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55.1	ug/L	110	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041920	MW-21	Water	05/02/2013 09:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 14:00	AMD	506802

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041920	MW-21	Water	05/02/2013 09:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 14:00	AMD	506802

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	44.8	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.7	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	50	53.4	ug/L	107	77 - 127
2037-26-5	Toluene d8	50	45.5	ug/L	91	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	53.5	ug/L	107	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041921	MW-22	Water	05/02/2013 12:25	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 15:57	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041921	MW-22	Water	05/02/2013 12:25	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 15:57	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	47.7	ug/L	95	77 - 127
2037-26-5	Toluene d8	50	54.4	ug/L	109	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.1	ug/L	94	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041922	MW-23	Water	05/03/2013 09:05	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 16:39	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041922	MW-23	Water	05/03/2013 09:05	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 16:39	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	51.7	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	47.6	ug/L	95	77 - 127
2037-26-5	Toluene d8	50	53.2	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.1	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041923	MW-24	Water	05/02/2013 15:52	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 17:01	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041923	MW-24	Water	05/02/2013 15:52	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 17:01	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	48	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.3	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.7	ug/L	95	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041924	MW-25D	Water	05/02/2013 15:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/06/2013 17:22	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<25.0	25.0		ug/L
71-55-6	1,1,1-Trichloroethane	<25.0	25.0		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<25.0	25.0		ug/L
79-00-5	1,1,2-Trichloroethane	<25.0	25.0		ug/L
75-34-3	1,1-Dichloroethane	<25.0	25.0		ug/L
75-35-4	1,1-Dichloroethene	<25.0	25.0		ug/L
563-58-6	1,1-Dichloropropene	<25.0	25.0		ug/L
96-18-4	1,2,3-Trichloropropane	<25.0	25.0		ug/L
120-82-1	1,2,4-Trichlorobenzene	<25.0	25.0		ug/L
95-63-6	1,2,4-Trimethylbenzene	<25.0	25.0		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<25.0	25.0		ug/L
106-93-4	1,2-Dibromoethane	<25.0	25.0		ug/L
95-50-1	1,2-Dichlorobenzene	<25.0	25.0		ug/L
107-06-2	1,2-Dichloroethane	<25.0	25.0		ug/L
540-59-0	1,2-Dichloroethene(Total)	<50.0	50.0		ug/L
78-87-5	1,2-Dichloropropane	<25.0	25.0		ug/L
108-67-8	1,3,5-Trimethylbenzene	<25.0	25.0		ug/L
541-73-1	1,3-Dichlorobenzene	<25.0	25.0		ug/L
142-28-9	1,3-Dichloropropane	<25.0	25.0		ug/L
106-46-7	1,4-Dichlorobenzene	<25.0	25.0		ug/L
594-20-7	2,2-Dichloropropane	<25.0	25.0		ug/L
78-93-3	2-Butanone	<25.0	25.0		ug/L
95-49-8	2-Chlorotoluene	<25.0	25.0		ug/L
591-78-6	2-Hexanone	<25.0	25.0		ug/L
106-43-4	4-Chlorotoluene	<25.0	25.0		ug/L
99-87-6	4-Isopropyltoluene	<25.0	25.0		ug/L
108-10-1	4-Methyl-2-pentanone	<25.0	25.0		ug/L
67-64-1	Acetone	<25.0	25.0		ug/L
71-43-2	Benzene	<25.0	25.0		ug/L
108-86-1	Bromobenzene	<25.0	25.0		ug/L
74-97-5	Bromochloromethane	<25.0	25.0		ug/L
75-27-4	Bromodichloromethane	<25.0	25.0		ug/L
75-25-2	Bromoform	<25.0	25.0		ug/L
74-83-9	Bromomethane	<25.0	25.0		ug/L
75-15-0	Carbon disulfide	<25.0	25.0		ug/L
56-23-5	Carbon tetrachloride	<25.0	25.0		ug/L
108-90-7	Chlorobenzene	<25.0	25.0		ug/L
75-00-3	Chloroethane	<25.0	25.0		ug/L
67-66-3	Chloroform	<25.0	25.0		ug/L
74-87-3	Chloromethane	<25.0	25.0		ug/L
124-48-1	Dibromochloromethane	<25.0	25.0		ug/L
74-95-3	Dibromomethane	<25.0	25.0		ug/L
75-71-8	Dichlorodifluoromethane	<25.0	25.0		ug/L
100-41-4	Ethylbenzene	<25.0	25.0		ug/L
87-68-3	Hexachlorobutadiene	<25.0	25.0		ug/L
98-82-8	Isopropylbenzene (Cumene)	<25.0	25.0		ug/L
74-88-4	Methyl iodide	<25.0	25.0		ug/L
75-09-2	Methylene chloride	<25.0	25.0		ug/L
91-20-3	Naphthalene	<25.0	25.0		ug/L
100-42-5	Styrene	<25.0	25.0		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041924	MW-25D	Water	05/02/2013 15:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	05/06/2013 17:22	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	318	25.0		ug/L
108-88-3	Toluene	<25.0	25.0		ug/L
79-01-6	Trichloroethene	<25.0	25.0		ug/L
75-69-4	Trichlorofluoromethane	<25.0	25.0		ug/L
76-13-1	Trichlorotrifluoroethane	<25.0	25.0		ug/L
108-05-4	Vinyl acetate	<25.0	25.0		ug/L
75-01-4	Vinyl chloride	<25.0	25.0		ug/L
1330-20-7	Xylene (total)	<75.0	75.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-01-5	cis-1,3-Dichloropropene	<25.0	25.0		ug/L
136777-61-2	m,p-Xylene	<50.0	50.0		ug/L
104-51-8	n-Butylbenzene	<25.0	25.0		ug/L
103-65-1	n-Propylbenzene	<25.0	25.0		ug/L
95-47-6	o-Xylene	<25.0	25.0		ug/L
135-98-8	sec-Butylbenzene	<25.0	25.0		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<25.0	25.0		ug/L
98-06-6	tert-Butylbenzene	<25.0	25.0		ug/L
156-60-5	trans-1,2-Dichloroethene	<25.0	25.0		ug/L
10061-02-6	trans-1,3-Dichloropropene	<25.0	25.0		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<25.0	25.0		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	250	244	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	250	239	ug/L	96	77 - 127
2037-26-5	Toluene d8	250	265	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	250	244	ug/L	98	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041925	MW-26D	Water	05/01/2013 15:50	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 17:43	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041925	MW-26D	Water	05/01/2013 15:50	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 17:43	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.45	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	47.2	ug/L	94	77 - 127
2037-26-5	Toluene d8	50	52.9	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.2	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041926	MW-28D	Water	05/03/2013 15:50	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 18:04	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041926	MW-28D	Water	05/03/2013 15:50	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 18:04	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.7	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	47.8	ug/L	96	77 - 127
2037-26-5	Toluene d8	50	53.3	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.7	ug/L	97	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041927	TWP 13-1	Water	05/03/2013 11:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 18:26	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041927	TWP 13-1	Water	05/03/2013 11:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 18:26	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.3	ug/L	99	78 - 130
1868-53-7	Dibromofluoromethane	50	48.3	ug/L	97	77 - 127
2037-26-5	Toluene d8	50	53.4	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	49	ug/L	98	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041928	TWP 13-2	Water	05/03/2013 10:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 18:47	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041928	TWP 13-2	Water	05/03/2013 10:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 18:47	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	78 - 130
1868-53-7	Dibromofluoromethane	50	47.3	ug/L	95	77 - 127
2037-26-5	Toluene d8	50	52.9	ug/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.2	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041929	MW-29D	Water	05/03/2013 11:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 19:08	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00		ug/L
71-55-6	1,1,1-Trichloroethane	<5.00	5.00		ug/L
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00		ug/L
79-00-5	1,1,2-Trichloroethane	<5.00	5.00		ug/L
75-34-3	1,1-Dichloroethane	<5.00	5.00		ug/L
75-35-4	1,1-Dichloroethene	<5.00	5.00		ug/L
563-58-6	1,1-Dichloropropene	<5.00	5.00		ug/L
96-18-4	1,2,3-Trichloropropane	<5.00	5.00		ug/L
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00		ug/L
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00		ug/L
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00		ug/L
106-93-4	1,2-Dibromoethane	<5.00	5.00		ug/L
95-50-1	1,2-Dichlorobenzene	<5.00	5.00		ug/L
107-06-2	1,2-Dichloroethane	<5.00	5.00		ug/L
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0		ug/L
78-87-5	1,2-Dichloropropane	<5.00	5.00		ug/L
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00		ug/L
541-73-1	1,3-Dichlorobenzene	<5.00	5.00		ug/L
142-28-9	1,3-Dichloropropane	<5.00	5.00		ug/L
106-46-7	1,4-Dichlorobenzene	<5.00	5.00		ug/L
594-20-7	2,2-Dichloropropane	<5.00	5.00		ug/L
78-93-3	2-Butanone	<5.00	5.00		ug/L
95-49-8	2-Chlorotoluene	<5.00	5.00		ug/L
591-78-6	2-Hexanone	<5.00	5.00		ug/L
106-43-4	4-Chlorotoluene	<5.00	5.00		ug/L
99-87-6	4-Isopropyltoluene	<5.00	5.00		ug/L
108-10-1	4-Methyl-2-pentanone	<5.00	5.00		ug/L
67-64-1	Acetone	<5.00	5.00		ug/L
71-43-2	Benzene	<5.00	5.00		ug/L
108-86-1	Bromobenzene	<5.00	5.00		ug/L
74-97-5	Bromochloromethane	<5.00	5.00		ug/L
75-27-4	Bromodichloromethane	<5.00	5.00		ug/L
75-25-2	Bromoform	<5.00	5.00		ug/L
74-83-9	Bromomethane	<5.00	5.00		ug/L
75-15-0	Carbon disulfide	<5.00	5.00		ug/L
56-23-5	Carbon tetrachloride	<5.00	5.00		ug/L
108-90-7	Chlorobenzene	<5.00	5.00		ug/L
75-00-3	Chloroethane	<5.00	5.00		ug/L
67-66-3	Chloroform	8.05	5.00		ug/L
74-87-3	Chloromethane	<5.00	5.00		ug/L
124-48-1	Dibromochloromethane	<5.00	5.00		ug/L
74-95-3	Dibromomethane	<5.00	5.00		ug/L
75-71-8	Dichlorodifluoromethane	<5.00	5.00		ug/L
100-41-4	Ethylbenzene	<5.00	5.00		ug/L
87-68-3	Hexachlorobutadiene	<5.00	5.00		ug/L
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00		ug/L
74-88-4	Methyl iodide	<5.00	5.00		ug/L
75-09-2	Methylene chloride	<5.00	5.00		ug/L
91-20-3	Naphthalene	<5.00	5.00		ug/L
100-42-5	Styrene	<5.00	5.00		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041929	MW-29D	Water	05/03/2013 11:30	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 19:08	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	47.5	ug/L	95	77 - 127
2037-26-5	Toluene d8	50	53.4	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.2	ug/L	96	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041930	TRIP BLANK	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 19:30	CLH	506717

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041930	TRIP BLANK	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/06/2013 19:30	CLH	506717

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	<5.00	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	78 - 130
1868-53-7	Dibromofluoromethane	50	47.5	ug/L	95	77 - 127
2037-26-5	Toluene d8	50	53.5	ug/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.4	ug/L	95	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041931	DUP-01	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 14:20	AMD	506802

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041931	DUP-01	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 14:20	AMD	506802

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	15.6	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.8	ug/L	94	78 - 130
1868-53-7	Dibromofluoromethane	50	55.1	ug/L	110	77 - 127
2037-26-5	Toluene d8	50	45.8	ug/L	92	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	54.7	ug/L	109	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041932	DUP-02	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 14:40	AMD	506802

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041932	DUP-02	Water	05/03/2013 00:00	05/04/2013 09:45

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/07/2013 14:40	AMD	506802

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	5.05	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.2	ug/L	92	78 - 130
1868-53-7	Dibromofluoromethane	50	54.4	ug/L	109	77 - 127
2037-26-5	Toluene d8	50	45.7	ug/L	91	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	55.9	ug/L	112	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041933	MW-27D	Water	05/03/2013 11:17	05/07/2013 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/10/2013 19:07	CLH	507106

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

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21305041933	MW-27D	Water	05/03/2013 11:17	05/07/2013 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	05/10/2013 19:07	CLH	507106

CAS#	Parameter	Result	RDL	REG LIMIT	Units
127-18-4	Tetrachloroethene	89.5	5.00		ug/L
108-88-3	Toluene	<5.00	5.00		ug/L
79-01-6	Trichloroethene	<5.00	5.00		ug/L
75-69-4	Trichlorofluoromethane	<5.00	5.00		ug/L
76-13-1	Trichlorotrifluoroethane	<5.00	5.00		ug/L
108-05-4	Vinyl acetate	<5.00	5.00		ug/L
75-01-4	Vinyl chloride	<5.00	5.00		ug/L
1330-20-7	Xylene (total)	<15.0	15.0		ug/L
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00		ug/L
136777-61-2	m,p-Xylene	<10.0	10.0		ug/L
104-51-8	n-Butylbenzene	<5.00	5.00		ug/L
103-65-1	n-Propylbenzene	<5.00	5.00		ug/L
95-47-6	o-Xylene	<5.00	5.00		ug/L
135-98-8	sec-Butylbenzene	<5.00	5.00		ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00		ug/L
98-06-6	tert-Butylbenzene	<5.00	5.00		ug/L
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00		ug/L
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00		ug/L
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00		ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.4	ug/L	91	78 - 130
1868-53-7	Dibromofluoromethane	50	49.3	ug/L	99	77 - 127
2037-26-5	Toluene d8	50	51.1	ug/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	71 - 127

GC/MS Volatiles Quality Control Summary

Analytical Batch 506693 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		MB506693 1188874 Method Blank 05/05/2013 22:50 Water		LCS506693 1188875 LCS 05/05/2013 21:18 Water			LCSD506693 1188876 LCSD 05/05/2013 21:42 Water				
SW-846 8260B				Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	<5.00	5.00	50.0	61.6	123	44 - 156	68.4	137	10	30		
74-97-5	Bromochloromethane	<5.00	5.00	50.0	56.7	113	76 - 130	55.7	111	2	30		
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	52.1	104	74 - 125	51.0	102	2	30		
75-25-2	Bromoform	<5.00	5.00	50.0	51.6	103	64 - 122	51.6	103	0	30		
74-83-9	Bromomethane	<5.00	5.00	50.0	41.1	82	47 - 138	46.7	93	13	30		
75-15-0	Carbon disulfide	<5.00	5.00	50.0	53.9	108	69 - 136	48.5	97	11	30		
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	52.1	104	76 - 128	49.1	98	6	30		
75-00-3	Chloroethane	<5.00	5.00	50.0	51.7	103	62 - 141	49.0	98	5	30		
136777-61-2	m,p-Xylene	<10.0	10.0	100	107	107	74 - 126	99.6	100	7	30		
67-66-3	Chloroform	<5.00	5.00	50.0	51.4	103	75 - 122	50.1	100	3	30		
74-87-3	Chloromethane	<5.00	5.00	50.0	45.0	90	59 - 132	53.0	106	16	30		
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	49.9	100	71 - 123	51.3	103	3	30		
74-95-3	Dibromomethane	<5.00	5.00	50.0	51.2	102	72 - 129	50.5	101	1	30		
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	52.1	104	58 - 140	53.8	108	3	30		
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	49.6	99	74 - 127	48.4	97	2	30		
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	50.9	102	71 - 129	50.1	100	2	30		
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	49.8	100	73 - 130	48.8	98	2	30		
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	49.9	100	69 - 132	48.0	96	4	30		
75-09-2	Methylene chloride	<5.00	5.00	50.0	47.1	94	68 - 132	45.4	91	4	30		
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	48.8	98	72 - 128	48.0	96	2	30		
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	52.5	105	71 - 132	51.4	103	2	30		
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	53.4	107	71 - 131	52.0	104	3	30		
100-41-4	Ethylbenzene	<5.00	5.00	50.0	50.4	101	74 - 126	48.0	96	5	30		
591-78-6	2-Hexanone	<5.00	5.00	50.0	51.1	102	50 - 135	56.1	112	9	30		
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	57.6	115	71 - 125	51.8	104	11	30		
78-93-3	2-Butanone	<5.00	5.00	50.0	55.2	110	58 - 137	60.6	121	9	30		
74-88-4	Methyl iodide	<5.00	5.00	50.0	53.5	107	57 - 141	54.7	109	2	30		
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	49.4	99	57 - 132	51.3	103	4	30		
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	44.8	90	75 - 129	43.0	86	4	30		
100-42-5	Styrene	<5.00	5.00	50.0	55.3	111	71 - 127	52.4	105	5	30		
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	55.0	110	68 - 128	51.5	103	7	30		
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	53.2	106	75 - 124	52.0	104	2	30		
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	42.0	84	70 - 122	46.6	93	10	30		

GC/MS Volatiles Quality Control Summary

Analytical Batch 506693 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		MB506693 1188874 Method Blank 05/05/2013 22:50 Water		LCS506693 1188875 LCS 05/05/2013 21:18 Water			LCSD506693 1188876 LCSD 05/05/2013 21:42 Water				
SW-846 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	<5.00	5.00	50.0	53.3	107	61 - 135	50.5	101	5	30		
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	52.9	106	76 - 126	50.3	101	5	30		
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	47.1	94	72 - 121	47.7	95	1	30		
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	51.5	103	72 - 136	50.6	101	2	30		
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	38.4	77	70 - 120	45.3	91	16	30		
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	49.7	99	74 - 125	48.1	96	3	30		
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	48.3	97	71 - 132	46.7	93	3	30		
75-01-4	Vinyl chloride	<5.00	5.00	50.0	49.2	98	68 - 132	53.5	107	8	30		
95-47-6	o-Xylene	<5.00	5.00	50.0	54.5	109	73 - 130	52.1	104	5	30		
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	45.4	91	57 - 121	52.1	104	14	30		
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	45.9	92	70 - 124	48.3	97	5	30		
108-05-4	Vinyl acetate	<5.00	5.00	50.0	35.0	70	54 - 147	35.7	71	2	30		
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	50.4	101	71 - 125	51.7	103	3	30		
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	99.7	100	74 - 128	96.9	97	3	30		
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	51.2	102	71 - 129	47.0	94	9	30		
1330-20-7	Xylene (total)	<15.0	15.0	150	161	107	74 - 127	152	101	6	30		
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	44.0	88	56 - 132	47.9	96	8	30		
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	51.7	103	77 - 124	48.7	97	6	30		
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	53.0	106	72 - 136	49.0	98	8	30		
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	51.4	103	72 - 131	49.3	99	4	30		
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	47.6	95	74 - 122	49.0	98	3	30		
108-86-1	Bromobenzene	<5.00	5.00	50.0	42.7	85	71 - 120	43.7	87	2	30		
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	46.6	93	72 - 127	45.8	92	2	30		
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	46.9	94	75 - 126	46.6	93	0.6	30		
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	49.7	99	72 - 126	46.3	93	7	30		
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	49.5	99	70 - 136	45.5	91	8	30		
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	50.3	101	74 - 126	48.5	97	4	30		
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	49.0	98	72 - 122	47.4	95	3	30		
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	50.7	101	69 - 134	45.5	91	11	30		
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	50.3	101	71 - 126	49.4	99	2	30		
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	53.8	108	61 - 144	48.3	97	11	30		
91-20-3	Naphthalene	<5.00	5.00	50.0	39.9	80	57 - 138	43.2	86	8	35		
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	48.2	96	69 - 129	47.5	95	1	20		

GC/MS Volatiles Quality Control Summary

Analytical Batch 506693 Prep Batch N/A		Client ID MB506693 GCAL ID 1188874 Sample Type Method Blank Analytical Date 05/05/2013 22:50 Matrix Water			LCS506693 1188875 LCS 05/05/2013 21:18 Water			LCSD506693 1188876 LCSD 05/05/2013 21:42 Water			
SW-846 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
71-43-2	Benzene	<5.00	5.00	50.0	51.5	103	70 - 129	50.0	100	3	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	54.8	110	76 - 129	52.0	104	5	20
108-88-3	Toluene	<5.00	5.00	50.0	49.1	98	72 - 120	48.1	96	2	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	51.3	103	74 - 123	49.7	99	3	20
Surrogate											
460-00-4	4-Bromofluorobenzene	52.6	105	50	56.2	112	78 - 130	53.4	107		
1868-53-7	Dibromofluoromethane	53.1	106	50	52.6	105	77 - 127	52.8	106		
2037-26-5	Toluene d8	52.1	104	50	47.8	96	76 - 134	48.5	97		
17060-07-0	1,2-Dichloroethane-d4	51.1	102	50	50.3	101	71 - 127	49.8	100		

Analytical Batch 506717 Prep Batch N/A		Client ID MB506717 GCAL ID 1188939 Sample Type Method Blank Analytical Date 05/06/2013 12:03 Matrix Water			LCS506717 1188940 LCS 05/06/2013 08:42 Water			LCSD506717 1188941 LCSD 05/06/2013 09:40 Water			
SW-846 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	<5.00	5.00	50.0	42.9	86	44 - 156	38.2	76	12	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	51.2	102	76 - 130	51.0	102	0.4	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	50.8	102	74 - 125	51.1	102	0.6	30
75-25-2	Bromoform	<5.00	5.00	50.0	52.0	104	64 - 122	50.4	101	3	30
74-83-9	Bromomethane	<5.00	5.00	50.0	41.9	84	47 - 138	43.2	86	3	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	41.8	84	69 - 136	41.4	83	1	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	46.5	93	76 - 128	47.7	95	3	30
75-00-3	Chloroethane	<5.00	5.00	50.0	40.7	81	62 - 141	38.3	77	6	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	99.5	100	74 - 126	104	104	4	30
67-66-3	Chloroform	<5.00	5.00	50.0	49.2	98	75 - 122	49.0	98	0.4	30
74-87-3	Chloromethane	<5.00	5.00	50.0	44.1	88	59 - 132	45.9	92	4	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	49.9	100	71 - 123	50.2	100	0.6	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	50.1	100	72 - 129	48.2	96	4	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	46.1	92	58 - 140	49.7	99	8	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	47.4	95	74 - 127	47.3	95	0.2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 506717 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		MB506717 1188939 Method Blank 05/06/2013 12:03 Water		LCS506717 1188940 LCS 05/06/2013 08:42 Water			LCSD506717 1188941 LCSD 05/06/2013 09:40 Water				
SW-846 8260B				Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	49.6	99	71 - 129	48.5	97	2	30		
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	48.6	97	73 - 130	48.9	98	0.6	30		
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	46.4	93	69 - 132	47.3	95	2	30		
75-09-2	Methylene chloride	<5.00	5.00	50.0	44.3	89	68 - 132	44.7	89	0.9	30		
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	48.8	98	72 - 128	48.8	98	0	30		
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	50.0	100	71 - 132	50.0	100	0	30		
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	50.3	101	71 - 131	50.3	101	0	30		
100-41-4	Ethylbenzene	<5.00	5.00	50.0	48.7	97	74 - 126	51.1	102	5	30		
591-78-6	2-Hexanone	<5.00	5.00	50.0	43.7	87	50 - 135	40.3	81	8	30		
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	51.5	103	71 - 125	53.7	107	4	30		
78-93-3	2-Butanone	<5.00	5.00	50.0	43.4	87	58 - 137	38.5	77	12	30		
74-88-4	Methyl iodide	<5.00	5.00	50.0	38.2	76	57 - 141	39.7	79	4	30		
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	44.4	89	57 - 132	40.1	80	10	30		
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	47.7	95	75 - 129	51.5	103	8	30		
100-42-5	Styrene	<5.00	5.00	50.0	51.4	103	71 - 127	53.1	106	3	30		
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	46.7	93	68 - 128	49.4	99	6	30		
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	50.5	101	75 - 124	51.7	103	2	30		
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	52.6	105	70 - 122	50.3	101	4	30		
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	50.6	101	61 - 135	51.6	103	2	30		
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	46.1	92	76 - 126	46.6	93	1	30		
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	50.2	100	72 - 121	49.3	99	2	30		
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	41.3	83	72 - 136	40.2	80	3	30		
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	48.4	97	70 - 120	43.8	88	10	30		
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	47.9	96	74 - 125	52.1	104	8	30		
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	48.0	96	71 - 132	50.9	102	6	30		
75-01-4	Vinyl chloride	<5.00	5.00	50.0	42.5	85	68 - 132	41.3	83	3	30		
95-47-6	o-Xylene	<5.00	5.00	50.0	51.2	102	73 - 130	53.7	107	5	30		
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	46.3	93	57 - 121	42.1	84	10	30		
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	48.8	98	70 - 124	47.8	96	2	30		
108-05-4	Vinyl acetate	<5.00	5.00	50.0	30.6	61	54 - 147	29.3	59	4	30		
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	45.5	91	71 - 125	43.1	86	5	30		
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	95.0	95	74 - 128	96.2	96	1	30		
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	48.2	96	71 - 129	51.8	104	7	30		

GC/MS Volatiles Quality Control Summary

Analytical Batch 506717 Prep Batch N/A		Client ID MB506717 GCAL ID 1188939 Sample Type Method Blank Analytical Date 05/06/2013 12:03 Matrix Water			LCS506717 1188940 LCS 05/06/2013 08:42 Water			LCSD506717 1188941 LCSD 05/06/2013 09:40 Water			
SW-846 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
1330-20-7	Xylene (total)	<15.0	15.0	150	151	101	74 - 127	158	105	5	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	42.8	86	56 - 132	42.2	84	1	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	46.6	93	77 - 124	47.6	95	2	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	40.4	81	72 - 136	40.6	81	0.5	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	48.1	96	72 - 131	48.8	98	1	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	49.1	98	74 - 122	48.4	97	1	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	48.6	97	71 - 120	50.6	101	4	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	48.1	96	72 - 127	51.3	103	6	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	48.7	97	75 - 126	53.1	106	9	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	47.6	95	72 - 126	51.2	102	7	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	49.3	99	70 - 136	53.4	107	8	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	50.9	102	74 - 126	52.8	106	4	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	49.3	99	72 - 122	52.5	105	6	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	49.7	99	69 - 134	53.6	107	8	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	50.6	101	71 - 126	52.5	105	4	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	49.9	100	61 - 144	55.2	110	10	30
91-20-3	Naphthalene	<5.00	5.00	50.0	48.9	98	57 - 138	46.1	92	6	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	41.0	82	69 - 129	39.6	79	3	20
71-43-2	Benzene	<5.00	5.00	50.0	50.0	100	70 - 129	50.7	101	1	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	50.3	101	76 - 129	51.2	102	2	20
108-88-3	Toluene	<5.00	5.00	50.0	49.0	98	72 - 120	50.8	102	4	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	50.1	100	74 - 123	51.8	104	3	20
Surrogate											
460-00-4	4-Bromofluorobenzene	49.3	99	50	51.4	103	78 - 130	50.8	102		
1868-53-7	Dibromofluoromethane	47.6	95	50	48.6	97	77 - 127	48.3	97		
2037-26-5	Toluene d8	53.9	108	50	48.8	98	76 - 134	49.9	100		
17060-07-0	1,2-Dichloroethane-d4	47.5	95	50	48.6	97	71 - 127	47	94		

GC/MS Volatiles Quality Control Summary

Analytical Batch 506802 Prep Batch N/A		Client ID MB506802 GCAL ID 1189240 Sample Type Method Blank Analytical Date 05/07/2013 10:00 Matrix Water			LCS506802 1189241 LCS 05/07/2013 08:27 Water			LCSD506802 1189242 LCSD 05/07/2013 08:48 Water			
SW-846 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	<5.00	5.00	50.0	56.9	114	44 - 156	60.9	122	7	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	56.9	114	76 - 130	57.8	116	2	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	59.7	119	74 - 125	60.0	120	0.5	30
75-25-2	Bromoform	<5.00	5.00	50.0	42.0	84	64 - 122	43.1	86	3	30
74-83-9	Bromomethane	<5.00	5.00	50.0	36.6	73	47 - 138	40.6	81	10	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	57.6	115	69 - 136	54.0	108	6	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	59.1	118	76 - 128	57.3	115	3	30
75-00-3	Chloroethane	<5.00	5.00	50.0	52.8	106	62 - 141	53.6	107	2	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	91.9	92	74 - 126	87.6	88	5	30
67-66-3	Chloroform	<5.00	5.00	50.0	57.2	114	75 - 122	56.7	113	0.9	30
74-87-3	Chloromethane	<5.00	5.00	50.0	42.4	85	59 - 132	41.7	83	2	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	42.5	85	71 - 123	42.3	85	0.5	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	55.7	111	72 - 129	55.2	110	0.9	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	36.0	72	58 - 140	36.4	73	1	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	59.7	119	74 - 127	57.4	115	4	30
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	52.8	106	71 - 129	52.4	105	0.8	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	56.7	113	73 - 130	54.7	109	4	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	56.4	113	69 - 132	55.6	111	1	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	53.7	107	68 - 132	53.0	106	1	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	58.3	117	72 - 128	58.8	118	0.9	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	58.7	117	71 - 132	59.4	119	1	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	58.7	117	71 - 131	59.4	119	1	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	44.0	88	74 - 126	42.5	85	3	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	37.7	75	50 - 135	41.6	83	10	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	49.4	99	71 - 125	45.8	92	8	30
78-93-3	2-Butanone	<5.00	5.00	50.0	50.8	102	58 - 137	54.7	109	7	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	48.5	97	57 - 141	51.6	103	6	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	46.5	93	57 - 132	51.2	102	10	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	47.7	95	75 - 129	44.7	89	6	30
100-42-5	Styrene	<5.00	5.00	50.0	46.4	93	71 - 127	46.0	92	0.9	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	46.8	94	68 - 128	45.7	91	2	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	48.1	96	75 - 124	46.2	92	4	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	42.7	85	70 - 122	43.4	87	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 506802 Prep Batch N/A		Client ID MB506802 GCAL ID 1189240 Sample Type Method Blank Analytical Date 05/07/2013 10:00 Matrix Water			LCS506802 1189241 LCS 05/07/2013 08:27 Water			LCSD506802 1189242 LCSD 05/07/2013 08:48 Water			
SW-846 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	<5.00	5.00	50.0	42.4	85	61 - 135	42.0	84	0.9	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	58.4	117	76 - 126	56.3	113	4	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	44.4	89	72 - 121	46.8	94	5	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	55.2	110	72 - 136	51.8	104	6	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	41.0	82	70 - 120	42.7	85	4	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	47.4	95	74 - 125	44.4	89	7	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	47.8	96	71 - 132	44.2	88	8	30
75-01-4	Vinyl chloride	<5.00	5.00	50.0	47.3	95	68 - 132	47.9	96	1	30
95-47-6	o-Xylene	<5.00	5.00	50.0	45.9	92	73 - 130	44.4	89	3	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	36.2	72	57 - 121	38.7	77	7	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	45.0	90	70 - 124	45.7	91	2	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	91.1	182*	54 - 147	89.9	180*	1	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	53.4	107	71 - 125	55.5	111	4	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	113	113	74 - 128	110	110	3	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	49.6	99	71 - 129	44.6	89	11	30
1330-20-7	Xylene (total)	<15.0	15.0	150	138	92	74 - 127	132	88	4	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	39.8	80	56 - 132	41.8	84	5	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	63.0	126*	77 - 124	60.7	121	4	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	57.1	114	72 - 136	55.2	110	3	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	60.1	120	72 - 131	58.1	116	3	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	45.2	90	74 - 122	45.5	91	0.7	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	43.3	87	71 - 120	42.1	84	3	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	50.1	100	72 - 127	42.2	84	17	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	45.9	92	75 - 126	43.1	86	6	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	46.1	92	72 - 126	42.1	84	9	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	49.9	100	70 - 136	44.3	89	12	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	46.1	92	74 - 126	44.2	88	4	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	44.6	89	72 - 122	43.1	86	3	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	47.6	95	69 - 134	42.4	85	12	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	44.9	90	71 - 126	43.9	88	2	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	48.6	97	61 - 144	42.9	86	12	30
91-20-3	Naphthalene	<5.00	5.00	50.0	37.0	74	57 - 138	38.9	78	5	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	53.3	107	69 - 129	51.5	103	3	20

GC/MS Volatiles Quality Control Summary

Analytical Batch 506802 Prep Batch N/A		Client ID MB506802 GCAL ID 1189240 Sample Type Method Blank Analytical Date 05/07/2013 10:00 Matrix Water			LCS 506802 1189241 LCS 05/07/2013 08:27 Water			LCSD 506802 1189242 LCSD 05/07/2013 08:48 Water			
SW-846 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
71-43-2	Benzene	<5.00	5.00	50.0	55.7	111	70 - 129	54.8	110	2	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	57.6	115	76 - 129	56.2	112	2	20
108-88-3	Toluene	<5.00	5.00	50.0	46.9	94	72 - 120	45.4	91	3	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	46.9	94	74 - 123	45.5	91	3	20
Surrogate											
460-00-4	4-Bromofluorobenzene	48.6	97	50	48.7	97	78 - 130	48.4	97		
1868-53-7	Dibromofluoromethane	53.1	106	50	54	108	77 - 127	54.2	108		
2037-26-5	Toluene d8	47.2	94	50	44.7	89	76 - 134	43.8	88		
17060-07-0	1,2-Dichloroethane-d4	53.8	108	50	52	104	71 - 127	52	104		

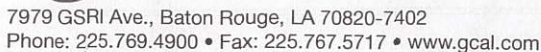
Analytical Batch 507106 Prep Batch N/A		Client ID MB507106 GCAL ID 1190815 Sample Type Method Blank Analytical Date 05/10/2013 18:26 Matrix Water			LCS 507106 1190816 LCS 05/10/2013 17:04 Water			LCSD 507106 1190817 LCSD 05/10/2013 17:26 Water			
SW-846 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
67-64-1	Acetone	<5.00	5.00	50.0	45.0	90	44 - 156	48.4	97	7	30
74-97-5	Bromochloromethane	<5.00	5.00	50.0	51.9	104	76 - 130	52.2	104	0.6	30
75-27-4	Bromodichloromethane	<5.00	5.00	50.0	51.3	103	74 - 125	51.7	103	0.8	30
75-25-2	Bromoform	<5.00	5.00	50.0	47.9	96	64 - 122	50.4	101	5	30
74-83-9	Bromomethane	<5.00	5.00	50.0	40.1	80	47 - 138	44.9	90	11	30
75-15-0	Carbon disulfide	<5.00	5.00	50.0	56.3	113	69 - 136	52.2	104	8	30
56-23-5	Carbon tetrachloride	<5.00	5.00	50.0	52.9	106	76 - 128	51.6	103	2	30
75-00-3	Chloroethane	<5.00	5.00	50.0	54.4	109	62 - 141	51.6	103	5	30
136777-61-2	m,p-Xylene	<10.0	10.0	100	102	102	74 - 126	98.4	98	4	30
67-66-3	Chloroform	<5.00	5.00	50.0	50.8	102	75 - 122	50.1	100	1	30
74-87-3	Chloromethane	<5.00	5.00	50.0	52.2	104	59 - 132	51.5	103	1	30
124-48-1	Dibromochloromethane	<5.00	5.00	50.0	46.8	94	71 - 123	47.4	95	1	30
74-95-3	Dibromomethane	<5.00	5.00	50.0	50.2	100	72 - 129	49.7	99	1	30
75-71-8	Dichlorodifluoromethane	<5.00	5.00	50.0	53.6	107	58 - 140	52.7	105	2	30
75-34-3	1,1-Dichloroethane	<5.00	5.00	50.0	52.8	106	74 - 127	51.5	103	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 507106 Prep Batch N/A		Client ID MB507106 GCAL ID 1190815 Sample Type Method Blank Analytical Date 05/10/2013 18:26 Matrix Water			LCS507106 1190816 LCS 05/10/2013 17:04 Water			LCSD507106 1190817 LCSD 05/10/2013 17:26 Water			
SW-846 8260B		Units	ug/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
107-06-2	1,2-Dichloroethane	<5.00	5.00	50.0	46.6	93	71 - 129	46.7	93	0.2	30
156-59-2	cis-1,2-Dichloroethene	<5.00	5.00	50.0	49.9	100	73 - 130	49.7	99	0.4	30
156-60-5	trans-1,2-Dichloroethene	<5.00	5.00	50.0	50.6	101	69 - 132	49.2	98	3	30
75-09-2	Methylene chloride	<5.00	5.00	50.0	49.6	99	68 - 132	47.3	95	5	30
78-87-5	1,2-Dichloropropane	<5.00	5.00	50.0	51.1	102	72 - 128	50.3	101	2	30
10061-01-5	cis-1,3-Dichloropropene	<5.00	5.00	50.0	50.5	101	71 - 132	50.5	101	0	30
10061-02-6	trans-1,3-Dichloropropene	<5.00	5.00	50.0	49.9	100	71 - 131	51.1	102	2	30
100-41-4	Ethylbenzene	<5.00	5.00	50.0	49.8	100	74 - 126	47.6	95	5	30
591-78-6	2-Hexanone	<5.00	5.00	50.0	40.5	81	50 - 135	43.3	87	7	30
98-82-8	Isopropylbenzene (Cumene)	<5.00	5.00	50.0	53.8	108	71 - 125	49.5	99	8	30
78-93-3	2-Butanone	<5.00	5.00	50.0	43.6	87	58 - 137	44.7	89	2	30
74-88-4	Methyl iodide	<5.00	5.00	50.0	50.7	101	57 - 141	51.2	102	1	30
108-10-1	4-Methyl-2-pentanone	<5.00	5.00	50.0	41.2	82	57 - 132	42.8	86	4	30
103-65-1	n-Propylbenzene	<5.00	5.00	50.0	52.6	105	75 - 129	47.9	96	9	30
100-42-5	Styrene	<5.00	5.00	50.0	51.5	103	71 - 127	50.5	101	2	30
127-18-4	Tetrachloroethene	<5.00	5.00	50.0	55.1	110	68 - 128	52.3	105	5	30
630-20-6	1,1,1,2-Tetrachloroethane	<5.00	5.00	50.0	53.5	107	75 - 124	53.9	108	0.7	30
79-34-5	1,1,2,2-Tetrachloroethane	<5.00	5.00	50.0	47.4	95	70 - 122	47.8	96	0.8	30
120-82-1	1,2,4-Trichlorobenzene	<5.00	5.00	50.0	50.4	101	61 - 135	47.9	96	5	30
71-55-6	1,1,1-Trichloroethane	<5.00	5.00	50.0	51.9	104	76 - 126	50.3	101	3	30
79-00-5	1,1,2-Trichloroethane	<5.00	5.00	50.0	51.8	104	72 - 121	51.2	102	1	30
75-69-4	Trichlorofluoromethane	<5.00	5.00	50.0	52.9	106	72 - 136	51.4	103	3	30
96-18-4	1,2,3-Trichloropropane	<5.00	5.00	50.0	44.1	88	70 - 120	44.6	89	1	30
95-63-6	1,2,4-Trimethylbenzene	<5.00	5.00	50.0	52.0	104	74 - 125	48.3	97	7	30
108-67-8	1,3,5-Trimethylbenzene	<5.00	5.00	50.0	52.5	105	71 - 132	47.9	96	9	30
75-01-4	Vinyl chloride	<5.00	5.00	50.0	54.1	108	68 - 132	49.5	99	9	30
95-47-6	o-Xylene	<5.00	5.00	50.0	50.6	101	73 - 130	48.5	97	4	30
96-12-8	1,2-Dibromo-3-chloropropane	<5.00	5.00	50.0	41.0	82	57 - 121	42.9	86	5	30
106-93-4	1,2-Dibromoethane	<5.00	5.00	50.0	49.3	99	70 - 124	51.5	103	4	30
108-05-4	Vinyl acetate	<5.00	5.00	50.0	49.7	99	54 - 147	49.5	99	0.4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	<5.00	5.00	50.0	49.0	98	71 - 125	49.7	99	1	30
540-59-0	1,2-Dichloroethene(Total)	<10.0	10.0	100	100	100	74 - 128	98.9	99	1	30
99-87-6	4-Isopropyltoluene	<5.00	5.00	50.0	54.2	108	71 - 129	48.0	96	12	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 507106 Prep Batch N/A		Client ID MB507106 GCAL ID 1190815 Sample Type Method Blank Analytical Date 05/10/2013 18:26 Matrix Water			LCS507106 1190816 LCS 05/10/2013 17:04 Water			LCSD507106 1190817 LCSD 05/10/2013 17:26 Water			
SW-846 8260B		Units Result	ug/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
1330-20-7	Xylene (total)	<15.0	15.0	150	152	101	74 - 127	147	98	3	30
110-57-6	trans-1,4-Dichloro-2-butene	<5.00	5.00	50.0	43.0	86	56 - 132	44.0	88	2	30
594-20-7	2,2-Dichloropropane	<5.00	5.00	50.0	58.2	116	77 - 124	56.0	112	4	30
76-13-1	Trichlorotrifluoroethane	<5.00	5.00	50.0	55.1	110	72 - 136	52.9	106	4	30
563-58-6	1,1-Dichloropropene	<5.00	5.00	50.0	52.8	106	72 - 131	50.7	101	4	30
142-28-9	1,3-Dichloropropane	<5.00	5.00	50.0	49.3	99	74 - 122	50.0	100	1	30
108-86-1	Bromobenzene	<5.00	5.00	50.0	47.6	95	71 - 120	46.3	93	3	30
95-49-8	2-Chlorotoluene	<5.00	5.00	50.0	49.4	99	72 - 127	45.9	92	7	30
106-43-4	4-Chlorotoluene	<5.00	5.00	50.0	50.1	100	75 - 126	46.7	93	7	30
98-06-6	tert-Butylbenzene	<5.00	5.00	50.0	50.3	101	72 - 126	44.7	89	12	30
135-98-8	sec-Butylbenzene	<5.00	5.00	50.0	53.6	107	70 - 136	47.4	95	12	30
541-73-1	1,3-Dichlorobenzene	<5.00	5.00	50.0	52.2	104	74 - 126	48.4	97	8	30
106-46-7	1,4-Dichlorobenzene	<5.00	5.00	50.0	50.9	102	72 - 122	48.0	96	6	30
104-51-8	n-Butylbenzene	<5.00	5.00	50.0	50.8	102	69 - 134	44.1	88	14	30
95-50-1	1,2-Dichlorobenzene	<5.00	5.00	50.0	50.6	101	71 - 126	48.2	96	5	30
87-68-3	Hexachlorobutadiene	<5.00	5.00	50.0	56.0	112	61 - 144	47.8	96	16	30
91-20-3	Naphthalene	<5.00	5.00	50.0	43.2	86	57 - 138	42.1	84	3	35
75-35-4	1,1-Dichloroethene	<5.00	5.00	50.0	49.8	100	69 - 129	49.1	98	1	20
71-43-2	Benzene	<5.00	5.00	50.0	49.6	99	70 - 129	48.2	96	3	20
79-01-6	Trichloroethene	<5.00	5.00	50.0	52.6	105	76 - 129	51.4	103	2	20
108-88-3	Toluene	<5.00	5.00	50.0	51.9	104	72 - 120	50.8	102	2	20
108-90-7	Chlorobenzene	<5.00	5.00	50.0	52.0	104	74 - 123	51.7	103	0.6	20
Surrogate											
460-00-4	4-Bromofluorobenzene	48.6	97	50	51.1	102	78 - 130	50.4	101		
1868-53-7	Dibromofluoromethane	50.7	101	50	48.5	97	77 - 127	50.3	101		
2037-26-5	Toluene d8	52.7	105	50	49.8	100	76 - 134	50.4	101		
17060-07-0	1,2-Dichloroethane-d4	50.6	101	50	49.7	99	71 - 127	50	100		



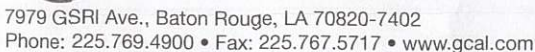
ENVIRON/4447/2130249/5/09/13

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT

Report to:						Bill to:						Analytical Requests & Method								GCAL use only:																																											
Client: ENVIRON International Address: 1600 Parkwood Circle Suite 310, Atlanta, GA Contact: 404-354-2950 Phone: Keith Cole E-mail: kcole@environcorp.com						Client: SAME Address: Contact: Phone: E-mail:						Non Chlorinated VOCs <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																																																Custody Seal used ☒ yes ☐ no intact ☒ yes ☐ no Temperature °C 2.0 (E20)			
P.O. Number			Project Name/Number CCHT/07-21924K																	☐ Dissolved Analysis Requested ☐ Field filtered ☐ Lab filtered																																											
Sampled By: Patrick Ceres / Heather Thompson																																																															
Matrix¹	Date	Time (2400)	Comp	Grab	Sample Description	No Con-tainers ↓													Preservative																																												
GW	5.1.13	1712		X	MW-01	3	X												←	5/4																																											
GW	5.1.13	1757			MW-03		X													1																																											
GW	5.3.13	1105			MW-04		X													2																																											
GW	5.2.13	8910			MW-05		X													3																																											
GW	5.2.13	0800			MW-06		X													4																																											
GW	5.2.13	1600			MW-07		X													5																																											
GW	5.1.13	1228			MW-08R		X													6																																											
GW	5.1.13	1830			MW-9R		X													7																																											
GW	5.1.13	1522			MW-10		X													8																																											
GW	5.3.13	942			MW-11		X													9																																											
GW	5.2.13	1170			MW-12		X													10																																											
GW	5.1.13	1608			MW-13		X													11																																											
GW	5.2.13	1500			MW-14		X													12																																											
Air Bill No: 7996 800 0962 8115 5/4/13																																																															
Turn Around Time (Business Days): ☐ 24h* ☐ 48h* ☐ 3 days* ☐ 1 week* ☐ Standard (Per Contract/Quote)																																																															
Relinquished by: (Signature) [Signature]					Date: 05-03-13 Time: 1605					Received by: (Signature) [Signature]					Date: 5/3/13 Time: 1605					Note:																																											
Relinquished by: (Signature) [Signature]					Date: 5/4/13 Time: 0945					Received by: (Signature) [Signature]					Date: 5/4/13 Time: 0945																																																
Relinquished by: (Signature)					Date:					Received by: (Signature)					Date:																																																
By submitting these samples, you agree to GCAL's terms and conditions contained in our most recent schedule of services.																																																															

*Requires prior approval, rush charges may apply.

We cannot accept verbal changes. Please email written changes to your PM.



ENVIRON/4447/213050419/5/09/13

GCAL USE ONLY

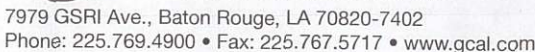
Report to:		Bill to:		Analytical Requests & Method										GCAL use only:				
Client: ENVIRON International		Client: SAME		Non-Chlorinated VOC										Custody Seal				
Address: 1600 Parkwood Circle		Address:												used ☒ yes ☐ no				
Suite 30, Atlanta, GA														intact ☒ yes ☐ no				
Contact: Keith Cole		Contact:												Temperature °C 2.6 (i20)				
Phone: 404-354-2950		Phone:																
E-mail: Kcole@environcorp.com		E-mail:												☐ Dissolved Analysis Requested				
P.O. Number		Project Name/Number												☐ Field filtered				
Sampled By:		CCHT 07-21924K												☐ Lab filtered				
Patrick Ceres / Heather Thompson																		
Matrix ¹	Date	Time (2400)	Comp	Grab	Sample Description	No Containers	nu										Preservative	5/4
GW	5.2.13	1700		X	MW-15	3	X											14
GW	5.2.13	1740			MW-16		X											15
GW	5.2.13	0825			MW-17		X											16
GW	5.1.13	1507			MW-18		X											17
GW	5.2.13	1622			MW-19		X											18
GW	5.2.13	1130			MW-20		X											19
GW	5.2.13	0930			MW-21		X											20
GW	5.2.13	1225			MW-22		X											21
GW	5.3.13	905			MW-23		X											22
GW	5.2.13	1552			MW-24		X											23
GW	5.2.13	1500			MW-25D		X											24
GW	5.1.13	1550			MW-26D		X											25
GW	5.3.13	1117		✓	MW-27D		X											
Air Bill No:																		
Turn Around Time (Business Days): ☐ 24h* ☐ 48h* ☐ 3 days* ☐ 1 week* ☐ Standard (Per Contract/Quote)																		
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Date:		Time:		Note:						
Heather Thompson		05.03.13		1605		Brad Sweeney		5/3/13		1605								
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Date:		Time:								
Fede		5/4/13		0945		[Signature]		5/4/13		0945								
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Date:		Time:								
By submitting these samples, you agree to GCAL's terms and conditions contained in our most recent schedule of services.																		

WHITE: CLIENT FINAL REPORT - CANARY CLIENT

Matrix¹: 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.



ENVIRON/4447/213050419/5/09/13

GCAL USE ONLY

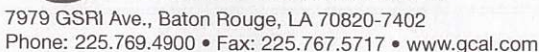
[illegible]

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT

Matrix¹: 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.



GCAL USE ONLY

[illegible]

WHITE: CLIENT FINAL REPORT - CANARY: CLIENT

Matrix¹: 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.



SAMPLE RECEIVING CHECKLIST



SAMPLE DELIVERY GROUP 213050419		CHECKLIST	
Client 4447 - ENVIRON International Corp	Transport Method FEDEX	Were all samples received using proper thermal preservation?	☒ Yes ☐ No ☐ NA
		When used, were all custody seals intact?	☒ Yes ☐ No ☐ NA
Profile Number 229430	Received By Pfeifer, Ben J.	Were all samples received in proper containers?	☒ Yes ☐ No ☐ NA
		Were all samples received using proper chemical preservation?	☒ Yes ☐ No ☐ NA
Line Item(s) 1 - Waters	Receive Date(s) 05/04/13	Was preservative added to any container at the lab?	☐ Yes ☒ No ☐ NA
		Were all containers received in good condition?	☐ Yes ☒ No ☐ NA
		Were all VOA vials received with no head space?	☒ Yes ☐ No ☐ NA
		Do all sample labels match the Chain of Custody?	☒ Yes ☐ No ☐ NA
		Did the Chain of Custody list the sampling technician?	☒ Yes ☐ No ☐ NA
		Was the COC maintained i.e. all signatures, dates and time of receipt included?	☒ Yes ☐ No ☐ NA
COOLERS		DISCREPANCIES	LABORATORY PRESERVATIONS
Airbill	Temp(oC)	21305041911 - MW-12 - Broken Container	None
7996 8115 0962	2.6 (E20)		
NOTES MW-12: 1 vial broken upon receipt; 2 remain for 8260 analysis.			